



**TOWNSEND WATER DEPARTMENT**  
540 Main Street West Townsend, Massachusetts 01474

1.5  
*[Handwritten signature]*

Nathan Mattila, Chairman  
(978) 597-2212

Todd Melanson, Vice-Chairman

Michael MacEachern, Clerk  
Email: [water@townsendwater.org](mailto:water@townsendwater.org)

**WATER COMMISSIONERS MEETING AGENDA**

**September 14, 2020 - 6:00 P.M.**

**Water Department 540 Main Street, Meeting Room**

**NOTE REGARDING ACCESS AND PARTICIPATION**

Governor Baker declared a State of Emergency to respond to COVID-19 on March 10, 2020 and ordered a suspension of certain provisions of the Open Meeting Law M.G.L. c. 30A, s 20 on March 12, 2020. The Board of Selectmen closed the town offices, including boards and committee meetings consistent with the Governor's March 12th order, to public access to promote social distancing and reduce the spread of COVID-19. The Board of Water Commissioner's meetings will not be open to the public for physical attendance until further notice. The meeting will be available on Zoom.

**Join Zoom Meeting**

**<https://us02web.zoom.us/j/84527919845?pwd=UURPZWY2ODFFcGIBTjhZcXFhK1lpZz09>**

**Meeting ID: 845 2791 9845 Password: 207699 Log in Monday, September 14, 2020 at 6:00 P.M. to participate.**

**I. PRELIMINARIES:**

- 1.1 NM called the meeting to order at 6:00 P.M. at 540 Main St and by Zoom
- 1.2 NM announced that the meeting is being audio recorded.
- 1.3 Roll Call showed Members Present: Nathan Mattila (NM)-Chairman, Michael MacEachern (MM)-Clerk, and Todd Melanson (TM)-Vice-Chairman.
- 1.4 Chairman's additions or deletions. There were no additions made by the chairman.
- 1.5 Approve meeting minutes of March 16, 2020, June 1, 2020, June 22, 2020, July 13, 2020, July 28, 2020, August 4, 2020, and August 18, 2020. TM motioned to approve the meeting minutes of March 16, 2020, June 1, 2020, June 22, 2020, July 13, 2020, July 28, 2020, August 4, 2020 and August 18, 2020. MM Seconded. Unanimous vote.
- 1.6 Review correspondence. Mandatory Referral Notices. The Board reviewed the notices and did not have any concerns regarding their impact on the water system.

**II. APPOINTMENTS-VOTES MAY BE TAKEN**

- 2.1 6:15 Update on White Mountain IT with Pete Paldino. Pete discussed the status of the IT development. There was an issue that caused a delay in the firewall implementation, but that has been worked through and the project is moving forward. Pete discussed having a point of contact that would have the ability to make day-to-day decisions, TM was made that point of contact. Pete continued to discuss the migration of files to Office 365 and separate the Water Department from the Town Offices. Pete discussed that the SCADA machines should be exclusively for that function, and not as personal computers. This will mean the need for new computers. Mistie will gather the contact information of the SCADA representative so Pete and them can work on the upgrade to Windows 10 software.

**III. MEETING BUSINESS-VOTES MAY BE TAKEN:**

- 3.1 Update/Discuss Superintendent position. The existing search committee consisting of TM and Jim Blanchard, with the addition of Lance Lewand in the absence of Rebecca McEnroe, would like to reconvene to begin reviewing the received applications and schedule interviews.
- 3.2 Update/Discuss Cross Charge Agreement. TM would like to speak with Theresa Walsh to see a more formalized explanation.
- 3.3 Discuss/Review MV-RS upgrade. This is a necessary upgrade of proprietary software. MM motioned to accept the quote for Raybern for \$7,675.00. TM Seconded. Unanimous vote.
- 3.4 Discuss/Review/Revise updates to the Schedule of Rates and Fees. The updated sections were reviewed and accepted. There were concerns about the verbiage with meter tampering. Mistie will make sure that what is in the paperwork matches what the state requires.

- 3.5 Discuss/Review Refund to account 3400B for \$329.26 RE: Final bill was paid twice. NM motioned to approve. TM seconded. Unanimous Vote.
- 3.6 Discuss/Review Refund to account 61574A for \$67.50 RE: Quarterly bill paid in addition to the final bill, resulting in a credit. MM motioned to approve. TM seconded. Unanimous vote.
- 3.7 Discuss/Review Refund to account 60238A for \$235.76 RE: Final bill was paid twice. MM motioned to approve. TM seconded. Unanimous vote.
- 3.8 Discuss/Review Adjustment to account 0831 for 93.50 RE: Payment was returned by UniPay. TM motioned to approve. MM seconded. Unanimous vote.
- 3.9 Discuss/Review Adjustment to accounts 60476, 60477 & 60478 RE: Prorated unit charges for vacant apartments. MM motioned to approve. TM seconded. Unanimous vote.
- 3.10 Discuss/Review Purchase of new copier. The board reviewed the costs and asked for Mistie's opinion. TM requested that the department ask Pete from White Mountain what it would take to make sure that the network for the machine is protected as well. This will be further discussed at the next meeting.
- 3.11 Update/Discuss Shepco warranty letter regarding 520 Main St. Mistie will reach out to Andrew from Shepco regarding a formal written warranty.
- 3.12 Update/Discuss driveway at 536 Main St. It appears the concerns were taken care of and this matter is all set.
- 3.13 Update/Discuss Bedford Lock & Key Estimate RE: Rekeying building. The board was concerned that the quote was high. They have asked that Ryan get a few more quotes to do our due diligence. It was also requested that the admin office and the Superintendent office have their own key since there is sensitive information stored in them.
- 3.14 Update/Discuss Estimates for quotes on nuts for line gate repairs. MM would like to talk to Ryan to get more information about what is needed and what can be done about the nuts. The board was concerned about the cost of the nuts as well as the installation.
- 3.15 Update/Discuss well cleaning. TM agreed that this should be performed regularly, but it is not something that we have in our budget to do now. Once the budget comes up for approval, this can be added as a reoccurring line item.

**IV. COMMISSIONERS UPDATES AND REPORTS-VOTES MAY BE TAKEN:**

- 4.1 There were no updates and reports from the Commissioners.

**V. FOREMANS UPDATES AND REPORTS-VOTES MAY BE TAKEN:**

- 5.1 Update on Main St. pump station / water main. Tabled
- 5.2 Update on Meadow Road. Tabled
- 5.3 Update on Lock Brook Run extension (top of West Meadow Road). Tabled
- 5.4 Discuss/Review Water Main replacement at the West Meadow Road Bridge Project. There have been consistent breaks in the same place. Residents have been concerned with decreased water pressure and some days, there is no water at all. The pipe is old and should be replaced in the future.
- 5.5 Discuss/Review Road Plates. The board reviewed the quote from North East Shoring and decided that the department should purchase an 8X8 road plate for \$240.00 including \$425 for delivery.
- 5.6 Discuss/Review Leak Detection Proposal. TM reviewed the proposals and decided that he was most comfortable using Prowler to do the survey. This, however, is not something that we can budget for at this time and it was decided that the department should add it on the next budget submission as a reoccurring line item, ensuring it is done on a regular basis.
- 5.7 Update/Discuss Sanitation Survey. TM wanted to make sure that Ryan applied for, or asked if he needed to apply for a permit to make any changes to the distribution system with the DEP. TM also requested that Ryan begin submitting a job log to the board prior to the meeting showing where projects within the system stand regarding purchasing, installation and completion. This helps keep everyone up to date since there is no Superintendent providing the updates.

**VI. OFFICE ADMINISTRATOR'S UPDATES AND REPORTS-VOTES MAY BE TAKEN:**

- 6.1 The Board scheduled the next meeting for October 7, 2020 at 6PM
- 6.2 The Board reviewed and signed Bills Payable Warrants
- 6.3 The Board reviewed and signed August's Schedule of Bills Receivable report.
- 6.4 The Board reviewed Accounts Receivable Report.
- 6.5 The Board reviewed the year to date expenditures.

**ADJOURNMENT:**

**TM motioned to review and sign Bills Payable Warrants and August's Schedule of Bills Receivable report out of session. MM seconded. Unanimous vote.**

**NM adjourned the Board of Water Commissioners meeting at 8:00 P.M.**

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Mistie Demazure". The signature is fluid and cursive, with the first name "Mistie" written in a larger, more prominent script than the last name "Demazure".

Mistie Demazure

Office Assistant

Townsend Water Department



**TOWNSEND WATER DEPARTMENT**  
540 Main Street West Townsend, Massachusetts 01474

*Nathan Mattila, Chairman*  
(978) 597-2212

*Todd Melanson, Vice-Chairman*

*Michael MacEachern, Clerk*  
Email: [water@townsendwater.org](mailto:water@townsendwater.org)

**WATER COMMISSIONERS MEETING AGENDA**

**September 14, 2020 – 6:00 P.M.**

**Water Department 540 Main Street, Meeting Room**

**NOTE REGARDING ACCESS AND PARTICIPATION**

Governor Baker declared a State of Emergency to respond to COVID-19 on March 10, 2020 and ordered a suspension of certain provisions of the Open Meeting Law M.G.L. c. 30A, s 20 on March 12, 2020. The Board of Selectmen closed the town offices, including boards and committee meetings consistent with the Governor's March 12th order, to public access to promote social distancing and reduce the spread of COVID-19. The Board of Water Commissioner's meetings will not be open to the public for physical attendance until further notice. The meeting will be available on Zoom.

**Join Zoom Meeting**

<https://us02web.zoom.us/j/84527919845?pwd=UURPZWY2ODFFcGlBTjhZcXFhK1lpZz09>

**Meeting ID: 845 2791 9845 Password: 207699 Log in Tuesday, September 14, 2020 at 6:00 P.M. to participate.**

**I. PRELIMINARIES:**

- 1.1 Call the meeting to order and announce meeting address.
- 1.2 Announce that the meeting is being audio recorded.
- 1.3 Roll Call Members-Roll Call Citizens.
- 1.4 Chairman's additions or deletions.
- 1.5 Approve meeting minutes of March 16, 2020, June 1 2020, June 22, 2020, July 13 2020, July 28 2020, August 4 2020, and August 18 2020.
- 1.6 Review correspondence. Mandatory Referral Notices.

**II. APPOINTMENTS-VOTES MAY BE TAKEN**

- 2.1 6:15 Update on White Mountain IT with Pete Paldino

**III. MEETING BUSINESS-VOTES MAY BE TAKEN:**

- 3.1 Update/Discuss Superintendent position.
- 3.2 Update/Discuss Cross Charge Agreement.
- 3.3 Discuss/Review MV-RS upgrade.
- 3.4 Discuss/Review/Revise updates to the Schedule of Rates and Fees.
- 3.5 Discuss/Review Refund to account 3400B for \$329.26 RE: Final bill was paid twice.
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- 3.11 Update/Discuss Shepco warranty letter regarding 520 Main St.
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- 3.13 Update/Discuss Bedford Lock & Key Estimate RE: Rekeying building
- 3.14 Update/Discuss Estimates for quotes on nuts for line gate repairs.
- 3.15 Update/Discuss well cleaning.

**IV. COMMISSIONERS UPDATES AND REPORTS-VOTES MAY BE TAKEN:**

- 4.1

**V. FOREMANS UPDATES AND REPORTS-VOTES MAY BE TAKEN:**



- 5.1 Update on Main St. pump station / water main.
- 5.2 Update on Meadow Road.
- 5.3 Update on Lock Brook Run extension (top of West Meadow Road).
- 5.4 Discuss/Review Water Main replacement at the West Meadow Road Bridge Project.
- 5.5 Discuss/Review Road Plates
- 5.6 Discuss/Review Leak Detection Proposal
- 5.7 Update/Discuss Sanitation Survey

**VI. OFFICE ADMINISTRATOR'S UPDATES AND REPORTS-VOTES MAY BE TAKEN:**

- 6.1 Schedule next BOWC meeting.
- 6.2 Review and sign Bills Payable Warrants.
- 6.3 Review and sign August's Schedule of Bills Receivable report.
- 6.4 Review Accounts Receivable Report.
- 6.5 Review year to date expenditures.

**ADJOURNMENT:**

Townsend Water Department is inviting you to a scheduled Zoom meeting.

Topic: Board of Water Commissioners Meeting

Time: Sep 14, 2020 06:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/84527919845?pwd=UURPZWY2ODFFcGIBTjhZcXFhK1JpZz09>

Meeting ID: 845 2791 9845

Passcode: 207699

One tap mobile

+13126266799,,84527919845#,,,,,0#,,207699# US (Chicago)

+16468769923,,84527919845#,,,,,0#,,207699# US (New York)

Dial by your location

+1 312 626 6799 US (Chicago)

+1 646 876 9923 US (New York)

+1 301 715 8592 US (Germantown)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 408 638 0968 US (San Jose)

Meeting ID: 845 2791 9845

Passcode: 207699

Find your local number: <https://us02web.zoom.us/j/84527919845>



Office of  
**THE PLANNING BOARD**  
272 Main Street  
Townsend, Massachusetts 01469  
978-597-1722; [bfaxon@townsendma.gov](mailto:bfaxon@townsendma.gov)

1.6

**Lance McNally, Chairman** **Laura Shifrin, Vice-Chairman** **Veronica Kell, Member**  
**Charles Sexton-Diranian, Clerk** **Jerrilyn Bozicas, Member** **Carol Hoffses, Assoc. Member**

**Date:** August 17, 2020

**To:** Assessor's Office  
Building Inspector  
Board of Selectman  
Board of Health  
Conservation Commission  
Fire Department  
Highway Department  
Housing Authority  
Police Department  
Town Clerk  
Water Department  
Zoning Board

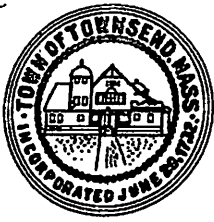
**From:**

  
Beth Faxon  
Planning Board Administrator

**Subject:** Campbell Farm North End Road – Open Space Preservation Development  
1. First amendment to Definitive Subdivision Approval.  
2. Second amendment to Open space preservation development (OSPD) special permit.

For your review, attached please find a copy of the Decision” and/or “Notice of Decision” on the above referenced amendments to Campbell Farm North End Road OSPD definitive subdivision.

If you have any questions, please let me know.



Office of  
THE PLANNING BOARD  
272 Main Street

Townsend, Massachusetts 01469  
978-597-1722 \* www.townsend.ma.us

RECEIVED  
AUG 17 2020

Lance J. McNally, Chairman

Charles Sexton-Diranian, Clerk

Jerrilyn Bozicas, Member

Carol Hoffses, Associate Member

Laura Shifrin, TOWN CLERK

Veronica Kell, Member

**Notice of Decision**

Notice is hereby given according to Townsend Planning Board Rules and Regulations Section 175-13, an application for a first amendment of a **Definitive Subdivision Open Space Preservation Development** was **approved with conditions** on August 10, 2020.

**Entitled:** Campbell Farm North End Road

**Dated:** March, 2019 and Revised through October 25, 2019

**Description:** a 6 Lot subdivision

**Property located:** off North End Road

**Shown on Assessors Map:** #46/ 46 **Block:** #3 / #2

**Lot** #0 / #2

**Recorded deed at the Middlesex Southern Registry of Deeds:** Book: 70150 / 28643 Pages: 331 / 562

**Land owned by:** Dana Roberts, Scott Blain, Michael Hoffman, Thomas J. Talcott, Trustees of the Townsend Hill Realty Trust and Thomas J. Talcott and Lisa Talcott owners of 199 North End Road.

**Prepared by:** Ducharme & Dillis Civil Design Group Inc.

**Date of Hearing(s):** The public hearing commenced on April 13, 2020, was continued on June 13, 2020, was continued on July 13, 2020, was continued to July 27, 2020 and closed on August 10, 2020. A decision was rendered on August 10, 2020.

Decision of the Planning Board is on file with the papers on this matter in the Office of the Town Clerk.

**Certified this** seventeenth **day of** August, 2020

**Planning Board Administrative Assistant** Elizabeth Faxon

**Right to Appeal:**

Any appeals of this Decision shall be made pursuant to Massachusetts General Laws Chapter 41, Section 81BB and a copy shall be filed in the Town Clerk's office within twenty (20) days after the date of filing of the Decision in the Office of the Town Clerk.

**Town Clerk Notification:**

I certify no appeal has been received within twenty (20) days of the filing of this notice in my office, or that if an appeal has been filed, it has been dismissed or denied.

**Kathleen Spofford, Town Clerk:** \_\_\_\_\_

**Notice to Applicant:**

Having received certification from the Town Clerk, it shall be the responsibility of the applicant to have recorded both this NOTICE OF DECISION and the DEFINITIVE SUBDIVISION DECISION at the South Middlesex Registry of Deeds and indexed in the grantor index under the name of the owner of record or recorded and noted on the owner's certificate of title. Fee for recording shall be paid by the owner or applicant. NO BUILDING PERMITS or CERTIFICATES OF OCCUPANCY shall be issued by the Building Inspector until notice of attestation by the Register of Deeds is made to the Town Clerk by filing a copy of this notice with the recording date and document number noted.

**ATTESTATION**

Received and entered in the Registry of Deeds in the County of Middlesex, South:

**ATTEST:** \_\_\_\_\_ **Register of Deeds**



RECEIVED  
AUG 17 2020  
TOWN OF TOWNSEND  
TOWN CLERK

1.6

OFFICE OF  
THE PLANNING BOARD  
272 Main Street  
Townsend, Massachusetts 01469

Lance J. McNally, Chairman      Laura Shifrin, Vice Chairman      Veronica Kell, Member  
Jerrilyn Bozicas,      Charles Sexton-Diranian, Clerk      Carol Hoffses, Associate Member

**FIRST AMENDMENT TO DEFINITIVE SUBDIVISION APPROVAL**

**Campbell Farm**

**187 & 199 North End Road, Townsend, MA**

**Shown on Assessors Map: #46 Block: #3 Lot #0 and Map: #46 Block: #2 Lot: #2**

**Date: August 10, 2020**

**Applicant:** Townsend Hill Realty Trust, Trustees; Scott Blain, Michael Hoffman, Dana J. Roberts, Thomas J. Talcott. Thomas J. Talcott and Lisa Talcott owners of 199 North End Road.

**A. Background:**

1. Reference is made to a Special Permit for Open Space Preservation Development (OSPD) (hereinafter, "Special Permit") issued by the Townsend Planning Board to the above-noted applicant by vote on November 26, 2018, as amended by vote on May 20, 2019 (hereinafter, "Special Permit First Amendment"), the Decisions for which were recorded at the Middlesex South District Registry of Deeds at Book 72888, Page 298 and Book 72888, Page 439. Reference is made to a Decision Application for approval of Definitive Plan "Campbell Farm" 187 & 199 North End Road (hereinafter, "Definitive Subdivision Approval") approved by vote of the Townsend Planning Board on December 9, 2019. Said decisions are hereby incorporated within this Amendment by reference for all purposes as if restated in their entirety.
2. The Special Permit First Amendment authorized the reconfiguration of the required open space (hereinafter, Parcel D) by increasing it to 57 Acres and further authorized said parcel be divided into Parcel D1, which shall be the required acreage under Townsend Bylaw §146-39, and, Parcel D2, both to be conveyed to, and combined with adjacent land of, Massachusetts Fish and Game. The Special Permit First Amendment authorized the renaming of Parcel A to be referenced hereinafter as Parcel C and, subject to all of the conditions established in the Special Permit. Parcel C, Parcel D1 and Parcel D2 are all subsequently on the Plan referred to in the following paragraph.
3. Subsequent to granting the Special Permit and the Special Permit First Amendment, the Planning Board considered and endorsed a Definitive Subdivision Plan entitled "Campbell Farm Open Space Preservation Development, North End Road, Townsend, Mass. Prepared for Townsend Hill Realty Trust", dated May 30, 2019, amended to October 25, 2019, prepared by Ducharme & Dillis Civil Design Group Inc., 1092 Main Street, P. O. Box 428, Bolton, MA 01740. The Findings and Decision (hereinafter, "The Findings and Decision" of the Planning Board, dated December 9, 2019, shall be recorded at the same time as this First Amendment to Definitive subdivision approval Campbell Farm and Plan as well as the Second Amendment to Open Space Preservation Development Special Permit, and insofar as material and pertinent, are incorporated herein in their entirety for all purposes as if stated in their entirety.

4. Section 6 Conditions of the Special Permit First Amendment provided for the conveyance of the Open Space Areas Parcel D1 and Parcel D2 to Massachusetts Fish and Game, in accordance with provisions of the Open Space Preservation Development specifications in the Townsend Zoning Bylaw. To date, no conveyance of said Open Space Areas has been effected. Parcel A was renamed to Parcel C on the Plan, reduced in size and, has a draft Conservation Restriction in progress held by the Townsend Conservation Commission. Parcel C remains subject to all of the conditions in the Special Permit.

5. Since the issuance of the Special Permit, the Special Permit First Amendment, and the Definitive Subdivision Approval, the Planning Board and the Applicant have determined that the public interest would be better served by the Applicant retaining ownership of the Open Space Parcel D2 and combining it with Parcel C, under the ownership of Townsend Hill Realty Trust. The Conservation Restriction on Parcel C would be amended to include Parcel D2, comprised of an additional 27.9 acres.

6. The Planning Board determined that the proposed amendment to the Definitive Subdivision Approval required an amendment of said Approval and the accompanying approved Plan.

#### **B. Documents and Plans:**

**Exhibit 1.** Application for Second Amendment to Open Space Preservation Development Special Permit and First amendment to Definitive Subdivision Approval Campbell Farm 187 & 199 North End Road., Townsend, MA., Townsend Planning Board Notice of Decision and Decision. Special Permit for Open Space Preservation Development. Property located at 187 & 199 North End Road, Townsend, MA. Approved by a vote of the Townsend Planning Board on November 26, 2018., Townsend Planning Board Notice of Decision and Decision. Special Permit for Open Space Preservation Development Amendment. Property located at: 187 & 199 North End Road, Townsend, MA. Approved by a vote of the Townsend Planning Board on May 20, 2019., Townsend Planning Board Notice of Decision and Decision Definitive Subdivision Campbell Farm Open Space Preservation Development North End Road, Townsend MA. Approved by a vote of the Townsend Planning Board on December 9, 2019. Set of plans entitled: Definitive Subdivision Plan Townsend MA Campbell Farm North End Road. Dated 05-30-19 amended to 10-25-19. Prepared by Ducharme & Dillis, Job No. 5707, stamped and signed by Gregory S. Roy, Professional Civil Engineer No. 46070 and Stanley Dillis, Professional Land Surveyor No. 33182.

**Exhibit 2.** Letter to Townsend Planning Board from Stanley Dillis, Applicant's representative. RE: 187 North End Road. Townsend Hill Realty Trust. Dated April 29, 2020.

**Exhibit 3.** Email from Anne Gagnon, Massachusetts Fish & Game to Planning Board administrator Dated July 10, 2020. RE: acceptance of Parcel D1 and understanding of amendment.

**Exhibit 4.** Email correspondence between Anne Gagnon, MA Fish & Game and Planning Board administrator RE: boundary markers of the open space parcel D1.

#### **C. Proceedings:**

On March 13, 2020, the Applicant's authorized representative, Ducharme & Dillis Civil Design Group, Inc., submitted an application to the Townsend Planning Board for amendments to the Special Permit and Special Permit First Amendment and to the Definitive Subdivision Approval for the property located at 187 & 199 North End Road, Townsend, MA. The legal notice of public hearing(s) was published on 03-27-2020 and 04-03-2020 in the Sentinel & Enterprise newspaper. All statutory abutting towns were notified on 03-24-2020, and statutory abutters were notified on 03-24-2020.

Mandatory referrals were sent to the Board of Selectmen, Conservation Commission, Board of Health, Building Commissioner, Highway Department, Fire Department, Police Department, Assessors, and Water Department. No comments were received. 1.0

On March 10, 2020, a State of Emergency was declared in Massachusetts. In response to the State of Emergency Declaration, on April 3, 2020, Governor Baker signed the following bill into law: Chapter 53 of the Acts of 2020. In compliance with the Governor's "Order Suspending Certain Provisions of the Open Meeting Law, G.L. c. 30A, § 20," dated March 12, 2020, the Planning Board moved to a virtual public hearing format for the public hearings.

The public hearing was opened on 04-13-2020 and continued without substantive discussion via the authority of the Chairman of the Planning Board to a virtual public hearing on 06-13-2020, and to a virtual public hearing 07-13-2020, and to a virtual public hearing on 07-27-2020, and to a virtual public hearing on 08-10-2020. The public hearing was closed on August 10, 2020. Stan Dillis, the Applicant's representative, was present for all session of the public hearing. Anne Gagnon, Commonwealth of Massachusetts Department of Fish and Game, was present at the 06-13-2020 public hearing.

**D. Amendment to the Findings and Decision "Application for approval of Definitive Plan "Campbell Farm 187 & 199 North End Road, Townsend MA 01469"**

The Findings and Decision and Plan are hereby amended as follows:

**Section V. Findings A. 2. Findings with respect to the overall property, submissions, and proceedings.**

By deleting the following text (underlined):

"Two of the parcels (Parcel D1, 29.1 Acres and Parcel D2, 27.9 Acres) will be conveyed to the Commonwealth of Massachusetts Division of Fisheries & Wildlife."

as voted on December 9, 2020 and by inserting in its place so as to be effective as if part of the Decision and Plan, the following text (in bold):

**"Parcel D1 containing 29.1 Acres shall be conveyed to Commonwealth of Massachusetts Department of Fish and Game."**

**Section V. Findings A. 3. Findings with respect to the overall property, submissions, and proceedings.**

By deleting Section V. A. 3 in its entirety and by inserting in its place, so as to be effective as if part of the Findings and Decision and Plan, the following text (in bold):

**"V. A. 3) Parcel C, 22.81 Acres and Parcel D2, 27.9 Acres will be retained in ownership by Townsend Hill Realty Trust and, shall be combined under a Conservation Restriction held by the Townsend Conservation Commission, pursuant to M.G.L. c. 184 §26."**

**E. Condition of approval of this First Amendment Subdivision Approval Campbell Farm:**

This amendment is conditioned on the correction of the wording on the definitive subdivision lot layout plan C2.1 plan to read: "Parcel D2 27.9 Acres Not a Building Lot to be retained by Townsend Hill Realty Trust and combined with Parcel C."

**F. Vote of the Planning Board:**

The Planning Board voted on August 10, 2020 to approve the above Amendment to the Definitive Subdivision Approval and the accompanying Plan subject to the terms and conditions herein, and all other applicable state and local regulations, as follows: (A yes vote is a vote to approve.)

<u>Lance McNally, Chairman</u>	<u>✓</u> Yes	<u>8-13-2020</u> date
<u>Laura Shifrin, Vice Chairman</u>	<u>✓</u> Yes	<u>8-13-2020</u> date
<u>Charles Sexton-Dirafian, Clerk</u>	<u>✓</u> Yes	<u>8/13/2020</u> date
<u>Veronica Kell, Member</u>	<u>✓</u> Yes	<u>8/12/2020</u> date
<u>Jennilyn Bozicas, Member</u>	<u>✓</u> Yes	<u>8-13-2020</u> date
<u>Carol Hoffses, Associate Member</u>	<u>✓</u> Yes	<u>                    </u> date

Any person aggrieved by this decision may appeal therefrom in accordance with M.G.L. Chapter 41 § 81BB within 20 days after the date of filing of the decision with the Town Clerk.

This Decision does not relieve the petitioner or any other person of the necessity of complying with all other applicable Federal, state or local statutes, ordinances, bylaws and/or regulations.

Filed with Town Clerk's Office on \_\_\_\_\_  
Date

**CERTIFICATE**

I hereby certify that 20 days have elapsed since the filing of the above decision in the office of the Townsend Town Clerk and that no notice of appeal from that decision has been filed.

\_\_\_\_\_  
Town Clerk

\_\_\_\_\_  
Date



Office of  
THE PLANNING BOARD  
272 Main Street

Townsend, Massachusetts 01469

978-597-1722 \* [www.townsend.ma.us](http://www.townsend.ma.us)

RECEIVED  
AUG 17 2020

TOWN OF TOWNSEND  
TOWN CLERK

Lance J. McNally, Chairman

Laura Shifrin, Vice-Chairman

Charles Sexton-Diranian, Clerk

Jerrilyn Bozicas, Member

Veronica Kell, Member

Carol Hoffses, Associate Member

**Notice of Decision**

Notice is hereby given according to Townsend Planning Board Rules and Regulations Section 175-13, an application for a second amendment of a **Open Space Preservation Development special permit** was **approved with conditions** on August 10, 2020.

**Entitled:** Campbell Farm North End Road

**Dated:** March, 2019 and Revised through October 25, 2019

**Description:** a 6 Lot subdivision

**Property located:** off North End Road

**Shown on Assessors Map:** #46/ 46 **Block:** #3 / #2 **Lot** #0 / #2

**Recorded deed at the Middlesex Southern Registry of Deeds:** Book: 70150 / 28643 Pages: 331 / 562

**Land owned by:** Dana Roberts, Scott Blain, Michael Hoffman, Thomas J. Talcott, Trustees of the Townsend Hill Realty Trust and Thomas J. Talcott and Lisa Talcott owners of 199 North End Road.

**Prepared by:** Ducharme & Dillis Civil Design Group Inc.

**Date of Hearing(s):** The public hearing commenced on April 13, 2020, was continued on June 13, 2020, was continued on July 13, 2020, was continued to July 27, 2020 and closed on August 10, 2020. A decision was rendered on August 10, 2020.

Decision of the Planning Board is on file with the papers on this matter in the Office of the Town Clerk.

**Certified this** seventeenth **day of** August, 2020

**Planning Board Administrative Assistant** Elizabeth Faxon

**Right to Appeal:**

Any appeals of this Decision shall be made pursuant to Massachusetts General Laws Chapter 41, Section 81BB and a copy shall be filed in the Town Clerk's office within twenty (20) days after the date of filing of the Decision in the Office of the Town Clerk.

**Town Clerk Notification:**

I certify no appeal has been received within twenty (20) days of the filing of this notice in my office, or that if an appeal has been filed, it has been dismissed or denied.

**Kathleen Spofford, Town Clerk:** \_\_\_\_\_

**Notice to Applicant:**

Having received certification from the Town Clerk, it shall be the responsibility of the applicant to have recorded both this NOTICE OF DECISION and the DEFINITIVE SUBDIVISION DECISION at the South Middlesex Registry of Deeds and indexed in the grantor index under the name of the owner of record or recorded and noted on the owner's certificate of title. Fee for recording shall be paid by the owner or applicant. NO BUILDING PERMITS or CERTIFICATES OF OCCUPANCY shall be issued by the Building Inspector until notice of attestation by the Register of Deeds is made to the Town Clerk by filing a copy of this notice with the recording date and document number noted.

**ATTESTATION**

Received and entered in the Registry of Deeds in the County of Middlesex, South:

**ATTEST:** \_\_\_\_\_ **Register of Deeds**





RECEIVED  
AUG 17 2020

TOWN OF TOWNSEND  
TOWN CLERK

OFFICE OF  
THE PLANNING BOARD  
272 Main Street  
Townsend, Massachusetts 01469

Lance J. McNally, Chairman      Laura Shifrin, Vice Chairman      Veronica Kell, Member  
Jerrilyn Bozicas,      Charles Sexton-Diranian, Clerk      Carol Hoffses, Associate Member

**SECOND AMENDMENT TO OPEN SPACE PRESERVATION DEVELOPMENT (OSPD) SPECIAL PERMIT DECISION**

**Campbell Farm**

**187 & 199 North End Road, Townsend, MA**

**Shown on Assessors Map: #46 Block: #3 Lot #0 and Map: #46 Block: #2 Lot: #2**

**Date: August 10, 2020**

**Applicant:** Townsend Hill Realty Trust, Trustees; Scott Blain, Michael Hoffman, Dana J. Roberts, Thomas J. Talcott. Thomas J. Talcott and Lisa Talcott owners of 199 North End Road.

**A. Background:**

1. Reference is made to a Special Permit for Open Space Preservation Development (OSPD) (hereinafter, "Special Permit") issued by the Townsend Planning Board to the above-noted applicant by vote on November 26, 2018, as amended by vote on May 20, 2019 (hereinafter, "Special Permit First Amendment") the Decisions for which were recorded at the Middlesex South District Registry of Deeds at Book 72888, Page 298 and Book 72888, Page 439. Reference is made to a Decision Application for approval of Definitive Plan "Campbell Farm" 187 & 199 North End Road (hereinafter, "Definitive Subdivision Approval") approved by vote of the Townsend Planning Board on December 9, 2019. Said decisions are hereby incorporated within this Amendment by reference for all purposes as if restated in their entirety.
2. The Special Permit First Amendment authorized the reconfiguration of the required open space (hereinafter, Parcel D) by increasing it to 57 Acres and further authorized said parcel be divided into Parcel D1, which shall be the required acreage under Townsend Bylaw §146-39, and, Parcel D2, both to be conveyed to, and combined with adjacent land of Massachusetts Department of Fish and Game. The Special Permit First Amendment authorized the renaming of Parcel A to be referenced hereinafter as Parcel C and, subject to all of the conditions established in the Special Permit. Parcel C, Parcel D1 and Parcel D2 are all subsequently on the Plan referred to in the following paragraph.
3. Subsequent to granting the OSPD Special Permit, and the Special Permit First Amendment, the Planning Board approved and endorsed a Definitive Subdivision Plan entitled "Campbell Farm Open Space Preservation Development, North End Road, Townsend, Mass. Prepared for Townsend Hill Realty Trust", dated May 30, 2019, amended to October 25, 2019, prepared by Ducharme & Dillis Civil Design Group Inc., 1092 Main Street, P. O. Box 428, Bolton, MA 01740. The Findings and Decision (hereinafter, "The Findings and

Decision" of the Planning Board, dated December 9, 2019, will be recorded at the same time as this second amendment to Open Space preservation special permit as well as the First Amendment to Definitive Subdivision Approval Decision and Plan, and insofar as material and pertinent, are incorporated herein in their entirety for all purposes as if stated in their entirety. 110

4. Section 6 Conditions of the Special Permit First Amendment provided for the conveyance of the Open Space Areas Parcel D1 and Parcel D2 to Massachusetts Fish and Game, in accordance with provisions of the Open Space Preservation Development specifications in the Townsend Zoning Bylaw. To date, no conveyance of said Open Space Areas has been effected. Parcel A was renamed to Parcel C on the Plan, reduced in size and, has a draft Conservation restriction in progress held by the Townsend Conservation Commission. Parcel C remains subject to all of the conditions in the Special Permit.

5. Since the issuance of the Special Permit, the Special Permit First Amendment, and the Definitive Subdivision Approval, the Planning Board and the Applicant have determined that the public interest would be better served by the Applicant retaining ownership of the Open Space Parcel D2 and combining it with Parcel C under the same ownership by Townsend Hill Realty Trust. The Conservation Restriction on Parcel C would be amended to include Parcel D2, comprised of an additional 27.9 acres.

6. The Planning Board determined that the proposed amendment to the Special Permit and Special Permit First Amendment required a further amendment thereto.

#### **B. Documents and Plans:**

**Exhibit 1.** Application for Second Amendment to Open Space Preservation Development Special Permit and First amendment to Definitive Subdivision Approval Campbell Farm 187 & 199 North End Road., Townsend, MA., Townsend Planning Board Notice of Decision and Decision. Special Permit for Open Space Preservation Development. Property located at 187 & 199 North End Road, Townsend, MA. Approved by a vote of the Townsend Planning Board on November 26, 2018., Townsend Planning Board Notice of Decision and Decision. Special Permit for Open Space Preservation Development Amendment. Property located at: 187 & 199 North End Road, Townsend, MA. Approved by a vote of the Townsend Planning Board on May 20, 2019., Townsend Planning Board Notice of Decision and Decision Definitive Subdivision Campbell Farm Open Space Preservation Development North End Road, Townsend MA. Approved by a vote of the Townsend Planning Board on December 9, 2019. Set of plans entitled: Definitive Subdivision Plan Townsend MA Campbell Farm North End Road. Dated 05-30-19 amended to 10-25-19. Prepared by Ducharme & Dillis, Job No. 5707, stamped and signed by Gregory S. Roy, Professional Civil Engineer No. 46070 and Stanley Dillis, Professional Land Surveyor No. 33182.

**Exhibit 2.** Letter to Townsend Planning Board from Stanley Dillis, Applicant's representative. RE: 187 North End Road. Townsend Hill Realty Trust. Dated April 29, 2020.

**Exhibit 3.** Email from Anne Gagnon, Massachusetts Fish & Game to Planning Board administrator Dated July 10, 2020. RE: acceptance of Parcel D1 and understanding of amendment.

**Exhibit 4.** Email correspondence between Anne Gagnon, MA Fish & Game and Planning Board administrator RE: boundary markers of the open space parcel D1.

### **C. Proceedings:**

On March 13, 2020 the Applicant's authorized representative Ducharme & Dillis Civil Design Group, Inc. submitted an application to the Townsend Planning Board for amendments to the Special Permit and Special Permit First Amendment and to the Definitive Subdivision Approval for the property located at 187 & 199 North End Road, Townsend, MA. The legal notice of public hearing(s) was published on 03-27-2020 and 04-03-2020 in the Sentinel & Enterprise newspaper. All statutory abutting towns were notified on 03-24-2020, and statutory abutters were notified on 03-24-2020.

Mandatory referrals were sent to the Board of Selectmen, Conservation Commission, Board of Health, Building Commissioner, Highway Department, Fire Department, Police Department, Assessors, and Water Department. No comments were received.

On March 10, 2020, a State of Emergency was declared in Massachusetts. In response to the State of Emergency Declaration, on April 3, 2020, Governor Baker signed the following bill into law: Chapter 53 of the Acts of 2020. In compliance with the Governor's "Order Suspending Certain Provisions of the Open Meeting Law, G.L. c. 30A, § 20," dated March 12, 2020, the Planning Board moved to a virtual public hearing format for the public hearings.

The public hearing was opened on 04-13-2020 and continued without substantive discussion via the authority of the Chairman of the Planning Board to a virtual public hearing on 06-13-2020, and to a virtual public hearing on 07-13-2020, and to a virtual public hearing on 07-27-2020 and, to a virtual public hearing on 08-10-2020. The public hearing was closed on August 10, 2020. Stan Dillis, the Applicant's representative, was present for all sessions of the public hearing. Anne Gagnon, Commonwealth of Massachusetts Department of Fish and Game, was present at the 06-13-2020 public hearing.

### **D. Second Amendment to the Special Permit:**

The Special Permit and Special Permit First Amendment are hereby amended by deleting the following text (underlined):

"to reconfigure the required open space parcel D by increasing it to 57 Acres to be conveyed to and combined with adjacent land of Massachusetts Department of Fish and Game and"

as voted on May 20, 2019, and by inserting in its place, so as to be effective as if part of the Special Permit, the following text (in bold):

#### **"6. Conditions**

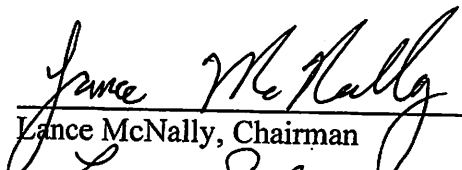
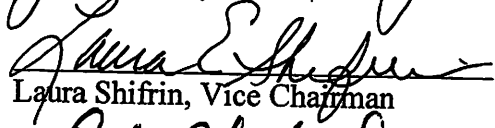
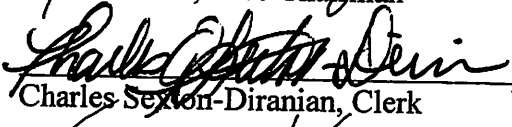
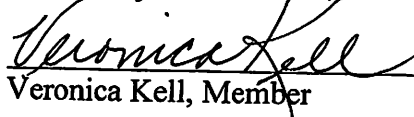
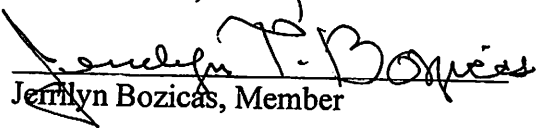
- 1. The required open space required under §146-39 shall be Parcel D1 29.1 Acres as shown on the Plan and shall be conveyed to the Commonwealth of Massachusetts Department of Fish and Game and combined with adjacent land, which has frontage on North End Road.**
- 2. The ownership of Parcel D2 27.9 Acres and Parcel C 22.81 Acres shall be retained by the Applicant, Townsend Hill Realty Trust and shall be subject to the same conditions as specified in the Special Permit."**

**E. Conditions of this Second Amendment to the Open Space Preservation Development Special Permit Decision:**

- 1.) This amendment is conditioned upon the Applicant conveying the required open space Parcel D1, shown on the Plan, to the Commonwealth of Massachusetts Department of Fish and Game.
- 2.) Parcels C and D2 will be subject to a Conservation Restriction held by the Townsend Conservation Commission, pursuant to M.G.L. c. 184 § 26, upon approval of Commonwealth of Massachusetts Executive Office of Energy and Environmental Affairs and the Townsend Conservation Commission and the Townsend Board of Selectmen.
- 3.) This amendment is further conditioned upon acceptance of Parcel D1 as a gift in fee to the Commonwealth of Massachusetts Department of Fish and Game and by the acceptance by the Board of Selectmen of the Conservation Restriction held by the Townsend Conservation Commission on Parcel D2 and Parcel C as depicted on the Plan.

**F. Vote of the Planning Board**

The Planning Board voted on August 10, 2020 to approve the above (second) Amendment to the Special Permit, subject to the terms and conditions herein, and all other applicable state and local regulations, as follows: (A yes vote is a vote to approve.)

 Lance McNally, Chairman	<input checked="" type="checkbox"/> Yes	<u>8-13-2020</u> date
 Laura Shifrin, Vice Chairman	<input checked="" type="checkbox"/> Yes	<u>8-13-2020</u> date
 Charles Sexton-Diranian, Clerk	<input checked="" type="checkbox"/> Yes	<u>8/13/2020</u> date
 Veronica Kell, Member	<input checked="" type="checkbox"/> Yes	<u>8/12/2020</u> date
 Jennilyn Bozicas, Member	<input checked="" type="checkbox"/> Yes	<u>8-13-2020</u> date
 Carol Hoffses, Associate Member	 Yes	 date

Any person aggrieved by this decision may appeal therefrom in accordance with M.G.L. Chapter 40A, § 17, within 20 days after the date of filing of the decision with the Town Clerk.

This Decision does not relieve the petitioner or any other person of the necessity of complying with all other applicable Federal, state or local statutes, ordinances, bylaws and/or regulations.

Pursuant to Massachusetts General Laws Chapter 40A, § 11:

No special permit, or any extension, modification or renewal thereof, shall take effect until a copy of the decision bearing the certification of the town clerk that twenty (20) days have elapsed after the decision has been filed in the office of the town clerk and no appeal has been filed or that if such an appeal has been filed, that it has been dismissed or denied is recorded in the Registry of Deeds for the county and district in which the land is located. The fee for recording or registering shall be paid by the owner or Applicant.

Filed with Town Clerk's Office on \_\_\_\_\_  
Date

**CERTIFICATE**

I hereby certify that 20 days have elapsed since the filing of the above decision in the office of the Townsend Town Clerk and that no notice of appeal from that decision has been filed.

\_\_\_\_\_  
Town Clerk

\_\_\_\_\_  
Date



## Proposal

### Itron MV-RS to FCS Conversion Professional Services

Raybern Utility Solutions  
40 Shawmut Rd  
Canton, MA 02021

Quote for

**Townsend Water Department**  
540 W Main St.  
West Townsend MA 01474

Item	Itron Part #	Description	Qty	Unit Price	Ex. Price	Notes
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#### MVRS-FCS Conversion

##### *Professional Services*

1	FCS v4.x Implementation, Training, and Support	\$ 7,675.00
	<b>Professional Services Total</b>	<b>\$ 7,675.00</b>

*\*\*\*Price does not include travel - Travel will be charged actual costs, not to exceed GSA per diem rates for mileage from Portsmouth, RI to Townsend, MA (\$.575 X 100 miles X 2) and lodging of \$161 not to exceed 3 nights. Travel costs not to exceed \$600*

#### **Total Professional Services**

<b>\$ 7,675.00</b>
--------------------

#### Notes and Assumptions

- (1) All Professional Services include Tier 1 FCS Support to begin after formal transition to Itron Technical Support. Support includes troubleshooting billing files/data, reading devices, and training updates as needed.
- (2) Pricing does not include third party products needed for this system such as servers, PCs, Operating systems, and Oracle or SQL Server database server.
- (3) FCS Services Include: Kickoff meeting/system requirements remote FCS installation on single system in one environment, End to end testing, Route training, On-site/Remote support throughout project, Go Live support and formal transition to Itron Technical Support Services. Standard Business hours 8AM to 5PM M-F. No weekend services.

## Itron MV-RS to FCS Promotion has been extended to December 31, 2020.

**Itron's existing MV-RS customers are eligible for the next generation mobile meter data collection system: The Itron Field Collection System (FCS).**

**FCS takes the place of MV-RS;** importing routes, managing assignments, providing reports and delivering data to billing. The FCS backward compatibilities allow you to keep using your existing meter reading hardware and file interfaces, eliminating risk and cost. The FCS upgrade includes an upgrade to the software for the existing handheld meter reading devices.

**Why is Itron upgrading MV-RS to FCS?** MV-RS has been an excellent system and has served Itron customers well. However, it is built on old technology (DOS-Based), which exposes it to security risks. Additionally, the database that was used (Pervasive, in most cases), is not as functional as more modern databases (SQL, Oracle). FCS provides improvements in system security, task automation, database operations and access to the latest AMR/AMI technology from Itron.

**How do utilities get upgraded to FCS?** To make this easy, Itron has introduced the "It's Just A Software Upgrade" promotion to streamline the upgrade process and make it affordable:

- Get an **FCS software license** at no cost and avoid the work involved in major purchases.
- To qualify for the program, you **MUST** have an **ACTIVE MV-RS software maintenance agreement**, and all Itron invoices must be paid and up to date.

Itron built FCS with our MV-RS users in mind. Backward compatibilities allow you to upgrade from MV-RS to FCS and continue to use all the other components you currently use.

- You can use your existing CIS/Billing File interfaces because FCS can import your HDL file and export a HUL file.
- You can use your existing Code Tables because FCS supports your Read Instruction, Skip Codes, Trouble Codes and other codes.
- You can use your existing interfaces with other Itron systems because FCS has file interfaces compatible with the Itron ChoiceConnect Fixed Network, MV-90 xi and Itron Analytics.
- You can use your existing FC300 handhelds because FCS is compatible with these devices.
- You can use your existing MC Lite and MC3 mobile collectors because FCS is compatible with these devices. The Mobile Collector Software must be version 3.6 or later.
- You can use your existing meters and ERTs because FCS is compatible with all

## **Handheld Software**

The FCS handheld software that runs on the FC300 handhelds is based on the MV-RS handheld software. FCS uses the same keyboard overlay. The shortcuts and menus are arranged virtually the same as MV-RS. There is no need to spend a lot of time learning a new handheld and new software. Your handheld meter readers will be trained when the installation/upgrade/configurations are complete and they will be productive with FCS immediately.

*\*\*\*Note: While FCS IS compatible with the FC300 handhelds, Itron has discontinued support for the FC300 handhelds. Talk with your local Itron Sales Rep for information about the Itron Mobile Radio – the replacement for the FC300 device.*

## **Mobile Collection Software**

FCS uses the exact same Mobile Collection software as you used with MV-RS. No upgrade is required (as long as you are using v3.6 or later) and no training is required. Your mobile meter readers will be productive with FCS immediately.

## **Itron's "It's Just A Software Upgrade" Promotion Requirements**

All MV-RS customers with an active MV-RS software maintenance agreement qualify for the FCS software license at no cost.

The upgrade must be performed by an Itron FCS Certified Installer.

Customers must agree to purchase at least one year of FCS software maintenance starting at the end of the current MV-RS software maintenance period.

Software maintenance rates may be adjusted to meet the current published maintenance pricing rates.

*NOTE: This program excludes the following upgrades:*

- *MV-RS to FCS SaaS*
- *MV-RS Non TOU license to an FCS TOU license*
- *Upgrades that span more than three license tiers*



**Additional System Requirements for Installation:**

- All computers must be running on the Windows 10 Professional operating system or Windows Server 2016.
- All computers must have a static IP address, and have the ability to connect to your FC300 handheld devices to update the FC300 FCS software.
- Mobile Collector Software must be version 3.6 or later. If you are currently using an earlier version, you will need to upgrade to Itron Mobile. Contact your Itron Sales Representative for pricing details for Itron Mobile.
- HUL/HDL (Upload.dat and Download.dat) files must adhere to the MV-RS Interface Specification. Specific points to note:
  - Meter Number field should not have any special characters or spaces in them.
  - The Previous Reading, Maximum Usage, and Minimum Usage fields in the Reading (RDG) record are right-justified numeric fields with the decimal position implied. The number of digits to the right of the decimal is specified by the Number of Decimals in the Reading (RDG) record.

**Itron's "It's Just A Software Upgrade" Promotion ends December 31, 2020.**

**Please contact us with any questions: 617-651-5522**

TOWNSEND WATER DEPARTMENT  
RULES, REGULATIONS AND RATES

3.4

SECTION 1  
APPLICATIONS

- 1.1 Applications for water service shall be made to the Water Commissioners by the owner of the property for which the same is desired at the scheduled Water Commissioners meeting. Applications will not be accepted between November 1<sup>st</sup> and April 1<sup>st</sup> or at the discretion of the Water Commissioners.

SECTION 2  
SERVICE CONNECTIONS

- 2.1 A two hundred dollar (\$200.00) per hour fee will be charged for each new service tapped into the main. This charge will cover the cost of digging, tapping the main, laying the standard 1" service to the customer's property line and the cost and installation of a 5/8 x 3/4 inch meter when the distance to the property line is not over fifty (50) feet. Where larger services and meters are desired or needed, charges will be the cost of the meter plus cost of labor and materials to the property line. There will be an additional charge for any unforeseen cost such as cutting and resurfacing the road, police officer charges, etc. *(Approved by BOWC April 6, 2020) Does this include the use of the backhoe? \$50 labor+\$100 Backhoe as well as any parts, including the meter except with a larger service. 200\$ an hour back hoe*
- 2.2 The customer will be responsible for the cost of maintaining said service at all times. *50\$ per worker*
- 2.3 No drain or sewer lines shall be laid nearer than ten (10) feet to the water service pipes. *300-350 an hour PLUS PARTS curb box*
- 2.4 Installation and repairs between the curbstop and the inlet side of the water meter can be made by the Water Department or an outside contractor. The customer will be charged by the Water Department for equipment, labor and materials used or provided to the contractor. Work performed and materials used by outside contractors shall strictly conform to the Townsend Water Department specifications. All service installations whether new, replaced or repaired shall be inspected by a Water Department Technician or Superintendent prior to backfilling. Outside contractors installing or replacing services shall provide a clear and, legible AS BUILT drawing illustrating the location of the following:
- Curbstop
  - Connectors
  - Meter Pits
  - Size of service line and sleeve
  - Obstruction/s causing an alternate route of the service
  - Location where the service enters the building
- All AS BUILT drawings shall have a minimum of two (2) ties from permanent structures (i.e. building corners, hydrants, gate covers, manhole covers, catch basins and, property bound posts. See Attachment A, example of Asbuilt Drawing *Approved by BOWC on 3/9/2015*
- 2.5 Services over Four Hundred and Seventy Five (475) feet from the property line require a meter pit.
- 2.6 Connection Charges made at the time of application are as follows:

<u>Size of Service</u>	<u>Cost</u>
1"	\$2,500.00
1 1/2"	\$3,500.00
2"	\$8,000.00
3" or over	\$25,000.00

*(Approved by BOWC April 6, 2020)*

Main or Sprinkler Connection Charges (per connection) \$5,000.00

- 2.7 All services replaced, repaired or changed in any way shall be brought up to current standards.
- 2.8 No new services shall be approved if any outstanding fees, charges or taxes are owed to the Water Department or the Town.
- 2.9 No service installations allowed unless the property abuts an existing main.
- 2.10 No taps allowed off of existing services.

### SECTION 3 METERS

- 3.1 All services shall be metered. Meters will be furnished, set and renewed by the Water Department; provided, however, that any meter injured through the negligence of the water taker shall be repaired at the water taker's expense. The water taker is responsible for protecting the meter from frost damage.
- 3.2 Evidence of meter tampering is unlawful and will result in a \$1,000.00 fine per offensive. In addition, water usage will be estimated for that billing period and homeowner will be charged for labor and materials.  
*(Approved by BOWC April 6, 2020)*
- 3.3 Special meters over and above the minimum requirement to measure the use of water will be furnished as needed and the additional cost of the meter will be charged to the water taker.
- 3.4 All meters installed become the property of the Water Department, and all repairs thereto will be made by the Water Department. If a meter installed on the customer's property is stolen, damaged by freezing fire or otherwise, cost of repairs or replacement will be charge to the customer.
- 3.5 All compound meters to be removed, tested and rebuilt every 8-10 years at the expense of the water taker.
- 3.6 Removal, tampering or malicious damage to the Water Department property will be prosecuted by law.
- 3.7 Customers shall allow access to the water meter at all reasonable times. Adequate space around the meter shall be maintained at all times to provide Water Department personnel the ability to use all tools necessary to install, repair, replace or, upgrade the water meter without obstruction. Failure by customers to arrange and provide access to the water meter after repeated attempts by the Water Department to schedule an appointment by phone, email or, mail to perform the work previously described shall constitute a violation of this section. A violation of this section may result in an additional \$50.00 to the customer's bill.

*Approved by Board of Water Commissioners on 4/11/2016*

### SECTION 4 ACCESS TO PREMISES

- 4.1 All apparatus, buildings and dwellings supplied with water must be made accessible at all reasonable times to the inspection of the Superintendent or other agents of the Water Department.

## SECTION 5 SHUTTING OFF WATER

- 5.1 The Water Commissioners reserve the right to shut off water for:
- 1.) The purpose of making repairs or alterations.
  - 2.) Disregard of rules and regulations.
  - 3.) Non-payment of bills.
- 5.2 No connection will be made from an existing supply to another dwelling except by special permit from the Board of Water Commissioners and if found out doing so without a permit the service will be shut off.
- 5.3 The Town of Townsend acknowledges no liability for the explosion, collapse or injury to hot water boilers or other connections resulting from the loss of water pressure or the shutting off of water from the street mains.

## SECTION 6 FROZEN WATER SERVICE

- 6.1 A charge, to be determined by the Superintendent, will be made for thawing frozen water pipes.

## SECTION 7 TRAILERS

- 7.1 A meter pit is required for any type of trailer, which is to be used for dwelling purposes, same as a standard house service.

## SECTION 8 WATER RATES

- 8.1 Charges will be calculated as follows:

Minimum charge of \$37.50 per unit  
 \$4.32 per hundred cubic feet. (748 gallons)  
*(Approved by BOWC April 6, 2020)*

Minimum charge of \$37.50 per unit.  
 \$5.36 per one thousand gallons.  
*(Approved by BOWC April 6, 2020)*

A Unit shall be defined as: a dwelling unit consisting of one or more rooms with cooking, living, sanitary and sleeping facilities arranged for the use of one or more persons living together as a single housekeeping unit.

- 1 Dwelling Unit - 1 Unit
- 2 Dwelling Units — 2 Units, etc.
- Apartment House — each apartment is 1 Unit
- Trailer Park - Each trailer is 1 Unit
- Business Establishment — each business is 1 Unit
- Accessory Apartment — Each accessory apartment is 1 unit

Sprinkler Connections charged according to size, at a rate of \$35.00 per inch for a six-month period.

- 8.2 If a meter fails to register correctly the customer will be charged an estimated bill determined by using three previous seasonal (winter/summer) readings and taking the average amount of usage.

## SECTION 9 WATER BILLS

- 9.1 Water bills are mailed quarterly in January, April, July and October of each year. An overdue notice of payment due will be sent out to water takers whose bill remains unpaid by the end of the month in which the first bill is rendered. There shall be added to the amount due a One Dollar (\$1.00) Demand Charge per unit, plus a one and one half percent (1 1/2 % Minimum of \$.50). If the bill remains unpaid for fifteen (15) days following rendering of the overdue notice the Water Commissioners may, at their discretion, order the Superintendent to shut off the water service, after shut off procedures have been followed under Sec I IA, Chapter 165 of the Massachusetts General Laws, until such time as the bill is paid in full and a Turn on Fee of Fifty Dollars (\$50.00) is paid.

*(Approved by BOWC April 6, 2020)*

- 9.2 All outstanding balances accumulated water charges plus demands and interest, with no payment received for more than three (3) billing periods constitute a lien on the property and may be turned over to the tax collector for collection.
- 9.3 All bills for the supply of water services shall be rendered to the recorded owner of the premises Failure of the owner to receive a water bill does not relieve him from the obligation of his payment, nor from the consequences of non-payment.
- 9.4 If for any reason other than mechanical or electronically the meter reader cannot obtain a reading, the customer may be furnished with a postcard on which they are to record the meter reading and return it by mail to the Water Department. Failure to do so within one week may result in the issuance of an estimated bill for that billing period.
- 9.5 Any buildings with ten (10) or more dwelling units, on a single meter, may submit a report for vacant units each billing period and that the unit charge for that unit/billing period may be suspended from the total billing charge. (approved 2/13/2012)

## SECTION 10 DISCONTINUANCE OF WATER

- 10.1 Customers desiring to discontinue water service shall notify the Superintendent of the Water Department in writing at least three (3) days before the water is to be turned off. A service charge of Fifty Dollars (\$50.00) shall be charged each time the water is turned on.

*(Approved by BOWC April 6, 2020)*

## SECTION 11 TRANSFER OF OWNERSHIP

- 11.1 In the event of a transfer of ownership of the premises being supplied with water, the seller shall notify the Water Department in writing of such transfer. All bills issued to the seller and not paid at the time of transfer will become the responsibility of the new owner. There will be a minimum closing charge of Fifty Dollars (\$50.00) for a final meter reading.

*(Approved by BOWC April 6, 2020)*

## SECTION 12 WATER USE RESTRICTIONS

- 12.1 In order to protect, preserve and, maintain public health, safety and, welfare the Board of Water Commissioners under their authority and, the Massachusetts Department of Environmental Protection (MassDEP) shall annually implement seasonal outdoor water use restrictions in accordance with conditions within the Townsend Water Departments Water Withdrawal Permit issued by MassDEP under M.G.L. c. 21G the "Water Management Act". Outdoor water use restrictions shall be in force from May 1<sup>st</sup> - September 30<sup>th</sup>. Outdoor water use is permitted for "odd" numbered homes on "odd" numbered days and, "even" numbered homes on "even" numbered days. Outdoor water use is strictly prohibited during the day time hours between 9:00 AM - 5:00 PM. Any person/s violating this section shall be fined as follows:

- |                               |                 |
|-------------------------------|-----------------|
| A. First violation:           | Written Warning |
| B. Second violation:          | \$50.00         |
| C. Third violation:           | \$100.00        |
| D. Each additional violation: | \$100.00        |

*(Approved by BOWC April 6, 2020)*

Each day in violation shall constitute a separate offense..

Other levels of restrictions or emergencies may be declared by the Board of Water Commissioners or the MassDEP such as a Declaration of a State of Water Supply Conservation or a Declaration of a State of Water Supply Emergency detailing but, not limited to authority, purpose, public notification and, termination as described in and in accordance with Chapter 87: Outdoor Water Use ByLaw of the Towns General Bylaws.

## SECTION 13 VIOLATIONS

- 13.1 Any and all charges and fines levied by the Water Department in connection with these rules and regulations may be sued for and collected by the Board of Water Commissioners acting as agents for the Water Department.

## SECTION 14 CONTROL OF HYDRANTS

- 14.1 The Fire Department shall have control of the hydrants in case of fire. In no case will any other person(s) be permitted to operate or handle hydrants or other Water Department appurtenances without prior authorization by the Superintendent of the Water Department. All authorized use of fire hydrants other than to extinguish a fire by the Fire Department shall be metered. A hydrant

meter shall be installed on the hydrant prior to use, by the Water Department personnel. Only The Fire Department shall obtain authorization from the Water Department at least two (2) days prior of any proposed use of hydrants for training or purposes other than to extinguish fires.

- 14.2 Fee of \$250.00 per fire flow test.

*(Approved by BOWC April 6, 2020)*

- 14.3 All Hydrant use after November 1<sup>st</sup> shall be for emergencies or firefighting only. Any exceptions will be at the discretion of the Board of Water Commissioners.

## SECTION 15 DEVIATION FROM RULES AND REGULATIONS

- 15.1 The Board of Water Commissioners reserves the right to amend, suspend or deviate from any or all of the above rules and regulations acting in the best interest of the Town by; 1.) a majority vote to do so at a regular monthly meeting provided that the proposed intent to deviate, suspend or amend a rule or regulation has been discussed at the previous monthly meeting, or 2) by the unanimous consent of all Board members at any regular or special meeting of the Board.

## SECTION 16 WATER INSTALLATIONS IN DEVELOPMENTS SUBJECT TO PLANNING BOARD RULES AND REGULATIONS

- 16.1 A copy of the plotted plan approved by the Planning Board and recorded with the Middlesex County Registry of Deeds showing the proposed water mains, hydrants and other appurtenances shall be submitted for the approval of the Board of Water Commissioners before work is to commence.
- 16.2 The Connection Charges shall be payable to the Townsend Water Department upon approval of water service applications to each lot at a regularly scheduled Board of Water Commissioners meeting.
- 16.3 All projects to be installed must be done by a qualified contractor approved by the Water Department All materials to be used must be of the same make, or equal, now used by the Water Department Hydrants, valves, fittings, etc must be installed as specified by the Water Department.
- 16.4 A fee of \$200.00 per estimated 100,000 gallons of water for flushing new water mains to be paid for by the developer Superintendent to establish the estimated usage.
- 16.5 All work and materials, including water services, will be furnished and paid for by the developer.
- 16.6 The Water Department must be notified at least Thirty (30) days before construction is to begin.
- 16.7 The developer will complete the installed water mains and services along with the required testing before he applies in writing to the Townsend Water Department for the acceptance of the water mains. Upon acceptance of the entire water installation, the system will become the property of the Town of Townsend Water Department after one (1) year, who will thereafter be responsible for its maintenance.
- 16.8 All work will be done under the supervision of the Water Department Superintendent or any person

he may designate as inspector, the cost to be borne by the developer.

- 16.9 Any and all expenses incurred by the Water Department in connection with the project may be billed to the developer.
- 16.10 For all large projects, a full-time inspector is required to ensure the quality of the work being performed. JRL
- 16.11 When services are installed, the line must be flushed prior to attaching the service to prevent any debris entering the property through the line. JRL

#### SECTION 17 WATER INSTALLATIONS IN PRIVATE STREETS NOT UNDER PLANNING BOARD RULES AND REGULATIONS

- 17.1 A plan of the street showing side line locations and abutter boundaries must be made and recorded with the Middlesex County Registry of Deeds. And a copy showing the proposed water mains, hydrants and other appurtenances shall be submitted for the approval of the Board of Water Commissioners before work is to commence.
- 17.2 The Connection Charges shall be payable to the Townsend Water Department upon the approval of water service applications to each lot at a regularly scheduled Board of Water Commissioners meeting.
- 17.3 All projects to be installed must be done by a qualified contractor approved by the Water Department. All materials to be used must be of the same make, or equal, now used by the Water Department Hydrants, valves, fittings, etc must be installed as specified by the Water Department.
- 17.4 A fee of \$200.00 per estimated 100,000 gallons of water for flushing new water mains to be paid for by the developer. Superintendent to establish the estimated usage.
- 17.5 The Water Department will be furnished with a recorded easement covering the private street signed by all the abutters.
- 17.6 All work and materials, including water services, will be furnished and paid for by the developer.
- 17.7 The Water Department must be notified at least Thirty (30) days before construction is to begin.
- 17.8 The developer will complete the installed water mains and services along with the required testing before he applies in writing to the Townsend Water Department for the acceptance of the water mains. Upon acceptance of the entire water installation, the system will become the property of the Town of Townsend Water Department after one (1) year, who will thereafter be responsible for its maintenance.
- 17.9 All work will be done under the supervision of the Water Department Superintendent or any person he may designate as inspector, the cost to be borne by the developer.



- 17.10 Any and all expenses incurred by the Water Department in connection with the project may be billed to the developer.

## SECTION 18 BUILDING OVER WATER LINES

- 18.1 The erection of any structure(s) over water lines attached to the Townsend Water Department system is not allowed. Any such line will have to be removed and relocated at the owner's expense.

## SECTION 19 CROSS CONNECTION CONTROL PROGRAM RULES & REGULATIONS

### Purpose

- 19.1 To protect the public potable water supply of the Town of Townsend from the possibility of contamination or pollution by isolating such contaminants or pollutants this could backflow or back siphon into the public water supply system.
- 19.2 To promote the elimination or control of cross connections, actual or potential, between customer's in-plant potable water system and non-potable water systems, plumbing Fixtures and industrial piping systems.
- 19.3 To provide for the maintenance of a continuing Program of Cross Connection Control which will systematically and effectively prevent the contamination or pollution of all potable water systems from cross connections

### Authority

- 19.4 As provided in The Federal Safe Drinking Water Act of 1974, (Public Law 93-523), and the Commonwealth of Massachusetts Drinking Water Regulations 310 CMR 22.22, the water purveyor has the primary responsibility for preventing water from unapproved sources or any other substances from entering the public water system.
- 19.5 The Townsend Board of Water Commissioners, Rules and Regulations, as most recently amended.

### Responsibility

- 19.6 The Townsend Water Department shall be responsible for the protection of the public potable water distribution system from contamination or pollution due to the backflow or back-siphonage of contaminants or pollutants through a potable water service connection. If, as a result of a survey of the premises, the Water Department determines that an approved backflow device is required at the town's water service connection or as in-plant protection on any customer's premises, for the safety of a potable water system, the Water Department shall give notice in writing to said customer to install approved backflow prevention devices as required. The customer shall within the time frame determined by the Water Department, install such approved backflow prevention device or devices at his or her own expense. Failure, refusal or inability on the part of the customer to install said device or devices within the established time

frame shall constitute grounds for discontinuing water service to the premises until such device or devices have been properly installed.

### Policy

- 19.7 No water service connection to any premises shall be installed or maintained by the Water Department unless the water distribution system is protected as required by Massachusetts State Law 310 CMR 2222 and this Regulation. Service of water to any premises shall be discontinued by the Water Department if a backflow prevention device required by this Regulation is not installed and properly maintained, or if it is found that a backflow prevention device has been removed, by-passed, or if an unprotected cross connection exists on the premises. Service will not be restored until such conditions or defects are corrected.
- 19.8 In the case of a premises on which any industrial fluids or any other objectionable substance is handled, in the opinion of the Water Department, in such a fashion as to create an actual or potential hazard to the public water system, the public water system shall be protected against backflow from the premises by requiring the owner or occupant to install an approved backflow prevention device on the service line as to provide "Contaminant Protection".
- 19.9 ~~An approved Backflow Protection Device required by Sec. 4.2 of this Regulation, shall be installed on the service line to a customer's water system at or near the property line or immediately inside the building being served; but, in all cases before the first draw-off or branch line leading off the service line.~~ } remove
- 19.10 Backflow prevention devices required by the Massachusetts Drinking Water Regulation, 310 CMR 22.22 shall be tested and maintained as required in Section (9) and must obtain an annual DEP permit as required in Section (10) (c)
- 19.11 Backflow prevention devices required, by the Water Department, to be installed under Sections 4.2 and 4.3 of this Regulation, shall be tested by the Water Department, or its delegated agent, as required by state and federal regulations and are not required to obtain DEP permits.
- 19.12 All decisions relating to the determination of backflow devices with regards to said Cross Connection Control Program, will be made by the Townsend Water Department. Failure to comply with any directive from this office will result in termination of water service.
- 19.13 All costs, resulting from the implementation and operation of said Cross Connection Control Program, shall be the responsibility of the customer.
- 19.14 All fees for tests performed on backflow devices by the Townsend Water Department or its delegated agent will be assessed to the owner of the device.

### Definitions

- 19.15 Definition as used in this section, unless the context indicates otherwise, the following words shall have the following meanings;  
Approved Backflow Prevention Device: method to prevent backflow approved by the Massachusetts Department of Environmental Protection and/or the Townsend Water Department.

**Backflow**: the flow of water or other liquids, mixtures or substances into the distribution pipes of a potable water supply from a source other than the intended source.

**Back-Siphonage**: a form of backflow due to reduced or sub-atmospheric pressure within a water system.

**Contamination** or contaminant shall mean any physical chemical, biological or radiological substance or matter in water.

**Cross connection**: any actual or potential connection between a distribution pipe of potable water from a public water system, and any waste pipe, soil pipe, sewer drain, or other unapproved source. Without limiting the generality of the foregoing, the term 'cross connection' shall also include any bypass arrangements, jumper connections, removal section, swivel or changeover connection and other temporary or permanent connection through which backflow can occur.

**Department**: or Water Department, shall mean the Superintendent or governing body of the municipal water system who has been invested with the authority and responsibility for the implementation of the Cross Connection Control Program and for the enforcement of the provisions of this Regulation.

**Health Hazard**: an actual or potential threat of contamination to the potable water system which, in the opinion of the Massachusetts Department of Environmental Protection or The Townsend Water Department could endanger health.

**In-plant Protection**: the location of an approved backflow prevention device in a manner that provides the protection of the potable water system within the premises.

**Owner or Occupant**: any person maintaining a cross connection installation or owning or occupying premises on which cross connections can or do exist.

**Pollution**: the presence of any foreign substance (organic, inorganic or biological) in water which tends to degrade its quality so as to constitute a hazard or impair the usefulness or quality of water to a degree which does not create an actual hazard to the public health, but which does adversely and unreasonably affect such waters for domestic use.

**Potable Water**: water from a source which has been approved by the Massachusetts Water Supply and Pollution Control Commission for human consumption.

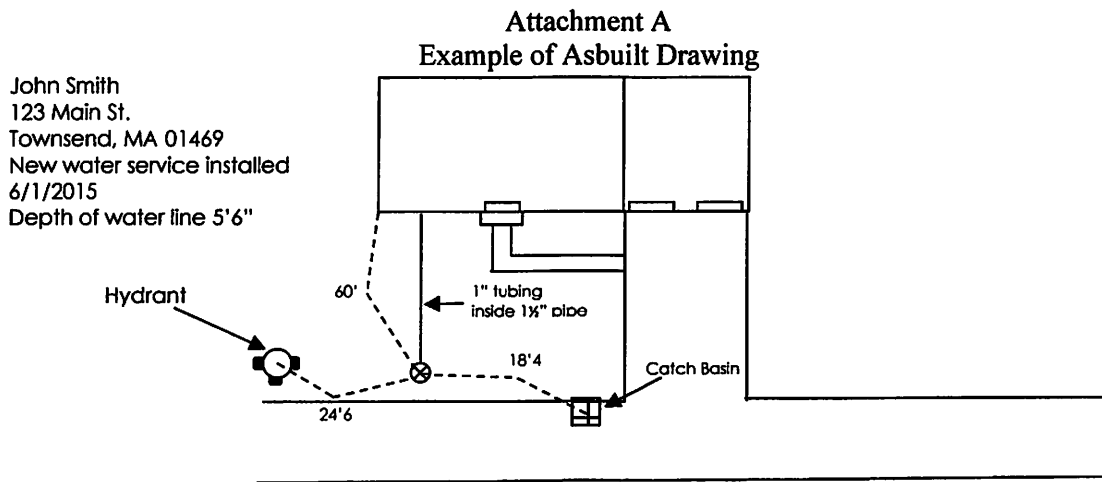
**Public Water Supply**: a system for the provision to provide the public with water for human consumption.

**Unapproved Source**: the source or distribution system for any water or other liquid or substances which has not been approved by the Massachusetts Water Supply and Pollution Control Commission as being of safe and sanitary quality for human consumption.

## BOARD OF WATER COMMISSIONERS

Nathan Mattila, Chairman  
Todd Melanson, Vice-Chairman  
Michael MacEachern, Clerk

❖ Signatures on file      Revised July 2020



3.10

Features	Xerox C7025TM2	Xerox C8135H2	Sharp MX- 3071	Konica Minolta Bizhub C300i
Price	\$4,664.25	\$4,964.25	\$4,125.00	\$4,962.13
# of Trays	4	4	2	3
Tray Capacity	520	520	550	500
Dual sided scanning	X	X	X	X
Color Printing	X	X	X	X
B&W Printing	X	X	X	X
Touch Screen Display	X	X	X	X
Finisher w/Stapling	\$784.00	\$684.00	Included	Included
11x17 paper compatable	X	X	X	X
Faxing	-	-	\$317.00	\$520.00
Color Copies	\$0.057	\$0.057	\$0.052	\$0.050
B&W Copies	\$0.0085	\$0.0079	\$0.0085	\$0.0078
Service	10/Mo	10/Mo	-	-
Trade In Value	\$300.00	\$300.00	-	-



3.10

**CONFIDENTIAL PROPOSAL  
FOR  
TOWNSEND WATER DEPARTMENT  
7/24/20**

**Sharp MX-3071 Digital Copier, Printer and Color Scanner**

**30 PPM Color and B/W  
Network Printing W Post Script  
Network Color Scanning to email and folders  
High Resolution Touch Screen Display with tilt  
Customize Home Screen  
Retractable Keyboard  
Dual Scan Document Feeder  
(150 Sheets Capacity)  
Inner Finisher W/Stapling  
(2) 550 Sheet Universal Paper Drawers  
100 Sheet Bypass  
500 GB Hard Drive  
Reduction/Enlargement 25%-400%  
Power Protection Filter**

**NASPO ITC66 STATE CONTRACT**

**Purchase Price \$4,125.00**

**Option  
Faxing \$317.00**

**Maintenance Agreement**

**Include all parts, labor and supplies excluding staples and paper.  
Color copies .052 and Black and White copies .0085**

24 Terry Avenue  
Burlington, MA 01803  
781-272-2034

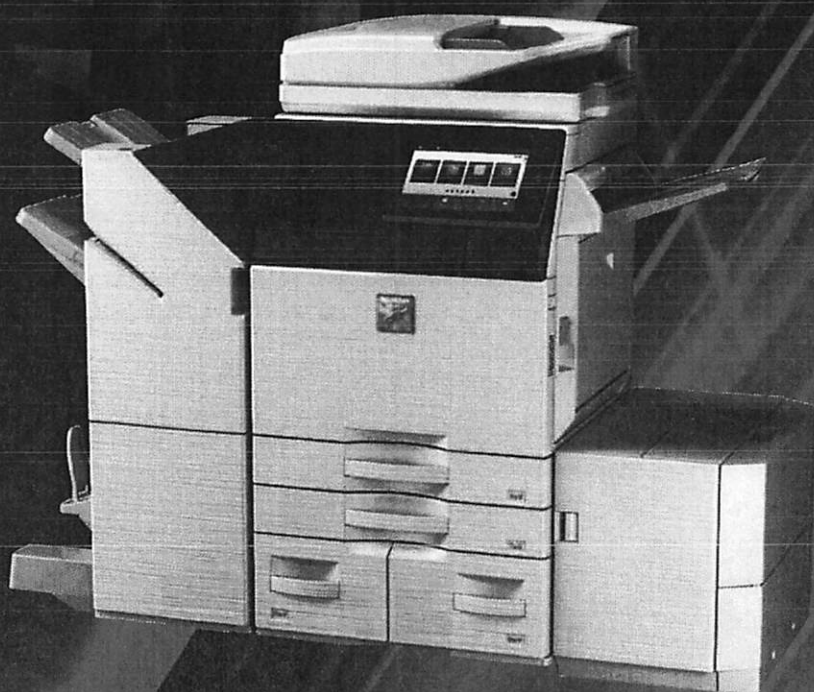
88 Black Falcon Ave, Ste. 238  
Boston, MA 02210  
617-451-5090

118 Long Pond Rd. Suite 100  
Plymouth, MA 02360  
508-927-4042

301 Riverway Place, Unit 30  
Bedford, NH 03110  
603-623-7845

# SHARP

## ADVANCED SERIES COLOR DOCUMENT SYSTEMS



MX-3071  
MX-3571  
MX-4071



"2019 Copier MFP Line of the Year"





The New Sharp Color Advanced Series document systems deliver cutting-edge integration and powerful productivity.

## DESIGNED FOR THE TECHNOLOGY-DRIVEN WORKPLACE

The Sharp MX-3071, MX-3571 and MX-4071 Advanced Series color document systems are built using the latest technology available to deliver the performance, features and reliability needed in today's busy workplace environments. These new MFPs are also easy to use and offer enhanced productivity, all to provide customers with a seamless, intuitive experience, and the confidence in knowing their jobs will come out right the first time, every time. The new Color Advanced Series also offers leading-edge security features to help businesses protect their data and personal information.

### Key Features

- **Ease of Use** – Award-winning touchscreen display offers a user-friendly graphical interface with simplified Easy Modes, integrated user guides and quick access to network services. With Sharp's new **MFP Voice** feature available for these models, you can interact with the machine with the power of natural language.
- **Productive Features** – Standard full multifunction capability out-of-box, including copying, network printing and color network scanning, combines with Sharp's Color Consistency System for long-lasting high-quality output page after page.
- **Workplace Friendly** – Integrates seamlessly with today's complex network environments, and supports popular cloud services and mobile technologies. And with Sharp's new **Application Portal** (coming Spring 2019) administrators can add new apps or update existing apps right from the MFP.

The new MX-3071, MX-3571 and MX-4071 Color Advanced Series offers businesses powerful multitasking features, enabling them to quickly execute the ever-changing workflow tasks of today's busy office environments.





# POWERFUL PERFORMANCE, STRONG PRODUCTIVITY



## EASY TO USE

## PRODUCTIVE FEATURES

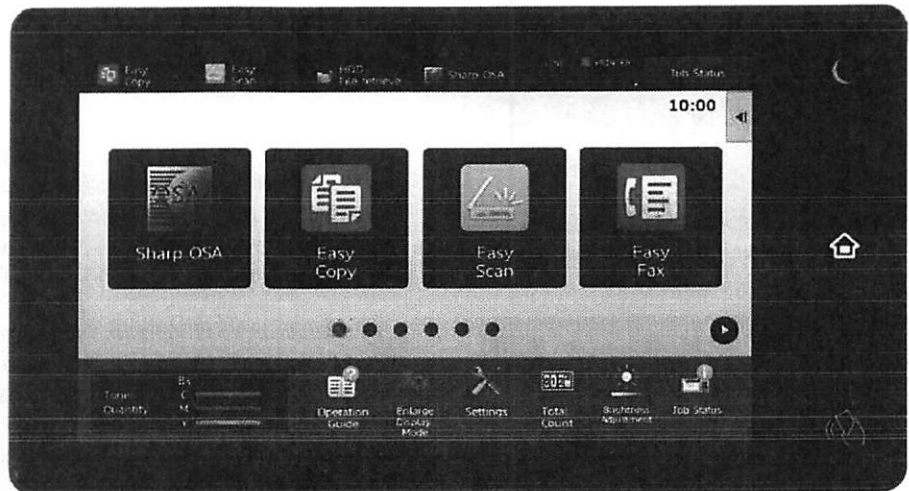
## WORKPLACE FRIENDLY



"PaceSetter Award in  
Ease of Use 2018-2019"

An advanced design plus multifunctional capability allow you to meet tomorrow's business needs today.

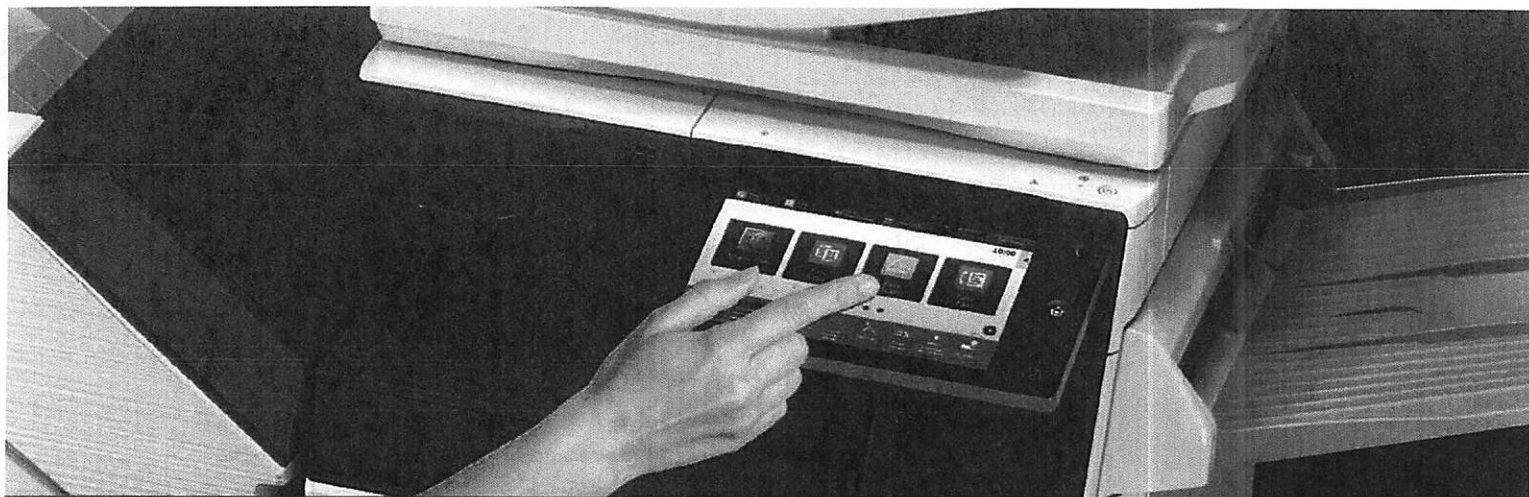
- Standard 150-sheet **duplexing single-pass document feeder** scans documents at speeds up to 220 images per minute (ipm).
- **Flexible paper handling** supports media up to 110 lb. cover (300 gsm) and feeds up to 12" x 18" through the paper trays, allowing users to print on a wide variety of media.
- Sharp's available **MFP Voice** feature enables users to control the device with simple verbal commands. Experience hands-free, voice-first interaction with **Amazon Alexa**.
- Network-ready **PCL® 6** and **Adobe® PostScript® 3™** printing systems ensure your documents print with the clarity and formatting you expect.
- Easily **convert documents** to popular Microsoft® file formats as well as a variety of PDF formats, with standard OCR (optical character recognition) capabilities.



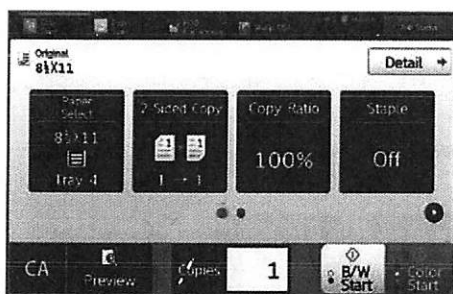
- Award-winning 10.1" (diagonally-measured) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.
- **Built-in walk-up motion sensor** automatically detects approaching users and immediately wakes the machine, making it ready for use within seconds.
- Access popular cloud services, such as Microsoft OneDrive™ for Business, SharePoint® Online, Google Drive™, Dropbox and more with Sharp's **Cloud Connect** feature.
- Pantone Licensing on these models offers unprecedented levels of color fidelity to the **PANTONE MATCHING SYSTEM®**.
- **Multi-layered, leading-edge security features** provide enhanced protection while an End-of-Lease feature can erase all data and personal information at time of trade-in.



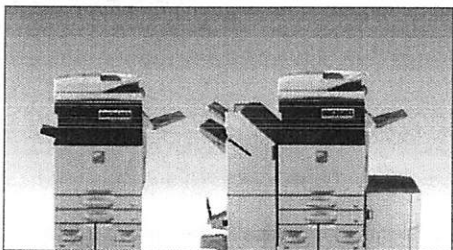
*Built-in retractable keyboard simplifies email address and subject line entries as well as repetitive scanning tasks and user authentication.*



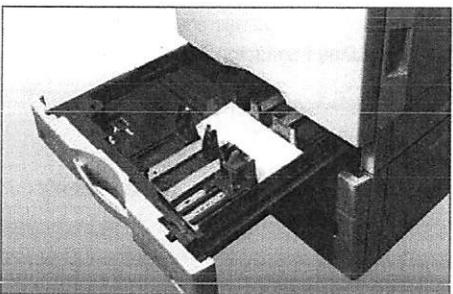
## ENHANCED FUNCTIONALITY – INTUITIVE DESIGN



Easy Copy Screen offers the most commonly used settings.



MX-4071 shown in both a compact configuration with inner finisher and full configuration with saddle stitch finisher and large capacity cassette.



Feeds up to 50 envelopes from the standard paper tray.

From paper handling to networking, the MX-3071, MX-3571 and MX-4071 Color Advanced Series will exceed your expectations.

### *Simple and Intuitive Operation*

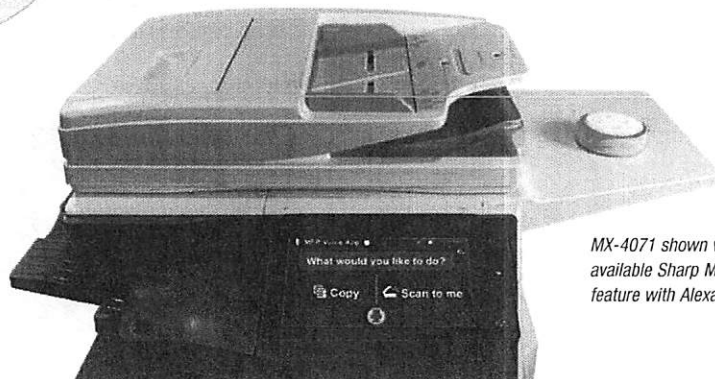
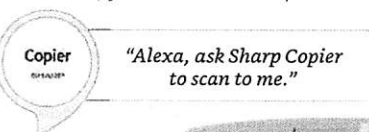
From the most basic of copy functions, to the most complex scan jobs, the Color Advanced Series will perform them with ease and efficiency. Use one of the **Easy Modes** for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. Easy Modes are available for the standard copy and scan functions, as well as for the optional fax expansion kit. And for more advanced features, just touch the "Detail" button—it's that easy.

### *The Productivity You Need with the Performance You Want*

When it's time to get the job done, the Advanced Series color document systems are outstanding performers. Quickly scan documents at speeds up to **220 ipm**. Then use the **manual stapling feature** on select finishers to restaple your originals. **Multiple finishing options** give you the output you require, be it stacked, stapled, or saddle-stitched. There's even an available built-in **stapleless finishing** feature, which can bind up to five sheets of paper by adding a crimp to the corner of the set, saving regular staples for larger sets. These models also feed up to 50 envelopes from the standard paper tray.\*

### *Experience Hands-free, Voice-first Interaction at the MFP with Alexa*

Sharp has always been known for enhancing MFP productivity in the workplace by offering innovative, easy-to-use features. Sharp has done it again with the new **MFP Voice feature** available for the new Color Advanced Series document systems. With Sharp's MFP Voice feature, you can interact with the machine just by using the power of natural language. With simple voice commands, you can ask the Sharp document system to make copies or scan a document.



MX-4071 shown with available Sharp MFP Voice feature with Alexa.

\* See specifications for a list of supported envelopes.

# HIGH IMPACT VERSATILITY AND SCALABILITY

The MX-3071/3571/4071 Advanced Series color document systems provide high-performance functionality that easily adapts to your business needs.

## innovative features

### Duplexing Single Pass Feeder (DSPF)

Standard 150-sheet dual head document feeder scans both sides of a document in a single pass, and a built-in indicator light flashes to remind you to take your originals.

### Convenient Wireless Networking

Scanning and printing from mobile devices is made quick and easy with the available Sharpdesk Mobile App.

### Easy-to-Use Smart Touchscreen

Award-winning, tablet-style menu provides quick access to features and functions.

### High Quality Printing

1,200 x 1,200 dpi resolution produces razor-sharp documents. Adobe PostScript 3 drivers offer extensive job control.

### Built-in Retractable Keyboard

Full-size QWERTY keyboard enables easy data entry.

### Hands-free Operation

The available MFP Voice feature enables users to control the device using simple verbal commands with Alexa.

### In-line Stapling

Produce professional-looking corner-staple or edge-staple documents up to 65 pages.

### Wake-up Motion Sensor

Detects walk-up users and wakes the machine from sleep mode, making it ready for use within seconds.

### Manual Stapler

Manual stapling feature makes it easy to re-staple originals after scanning.

### Easily Access Popular Cloud Applications

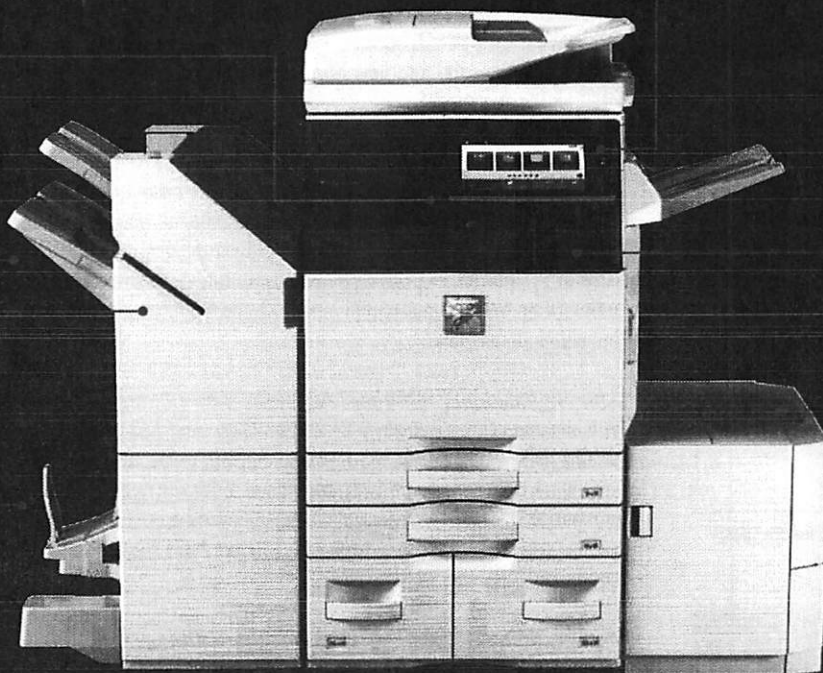
With the Cloud Connect feature, users gain access to Microsoft OneDrive, Google Drive, Dropbox and more. Sharp's new Application Portal (coming Spring 2019) will make it easy for administrators to add or update apps right from the MFP.

### Saddle Stitch Finishers

Make high quality booklets up to 80 pages.

### Multi-layered Security Features

Leading-edge security features provide enhanced protection of data and personal information and helps protect against network intrusions.



### Color Consistency System

Micro-Fine Toner Technology  
Developer Auto Refresh Process  
Real-Time Process Control

Sharp's Color Consistency System combines Micro-fine Toner with Developer Refresh and advanced Image Process Control. These processes help ensure color output is always at peak performance.

### Advanced Finishing

Sharp gives you a choice of five high-performance finishers to give your documents a professional look. Choose from a compact inner finisher to a high capacity, floor-standing saddle stitch finisher.

### Flexible Paper Handling

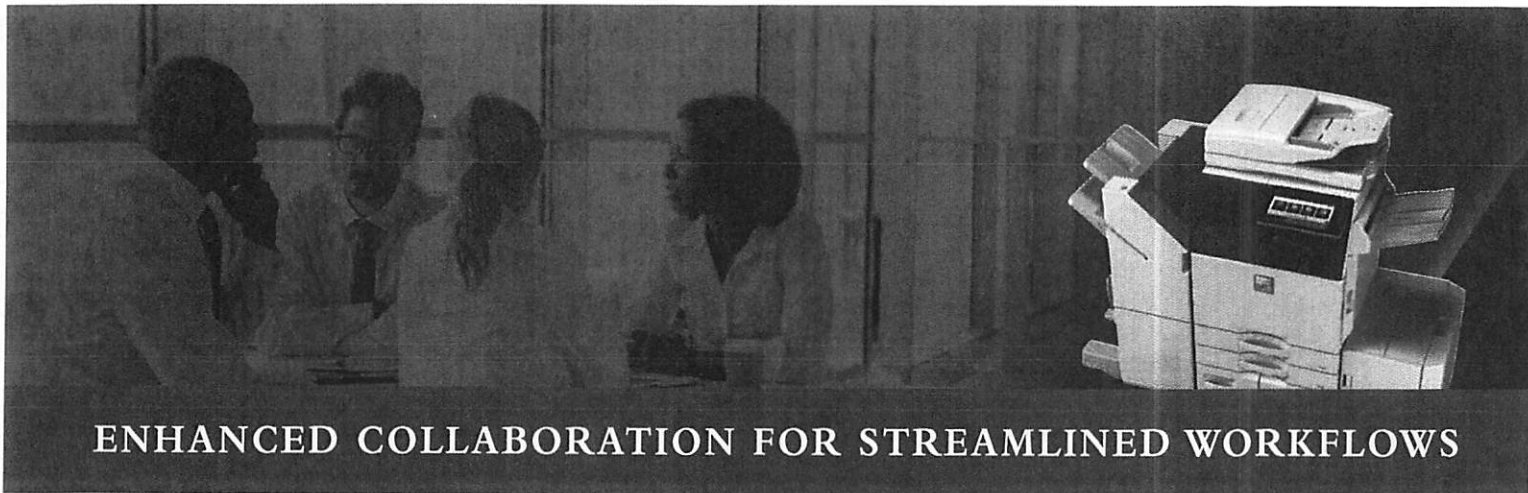
Paper drawers feed up to 12" x 18" and support media up to 300 gsm. Also feeds up to 50 envelopes through the standard paper tray.\* A variety of paper tray options are available, including a large capacity cassette and split tandem paper drawers.

### Large Capacity Cassette

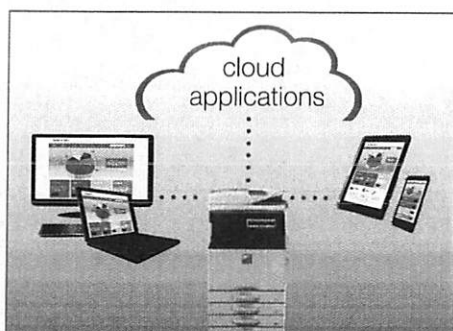
Large capacity cassette option adds an additional 3,000 sheets of paper for a total on-line capacity of up to 6,300 sheets.

\* See specifications for a list of supported envelopes.

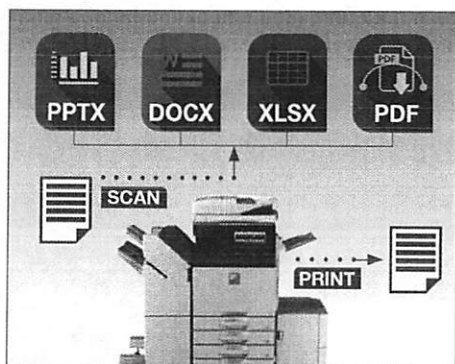




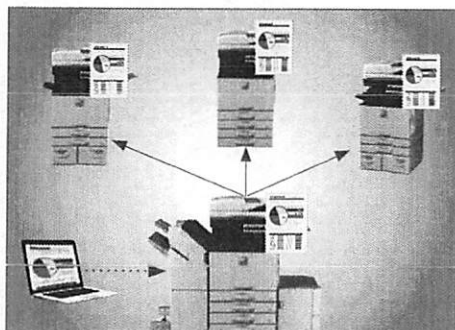
## ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Access popular cloud applications, distribute files and print documents more easily.



Scan and convert documents to popular file types seamlessly with Sharp's built-in OCR function.



Standard Serverless Print Release enables users to securely print a job and release it from up to six supported models on the same network.

### Powerful document workflow solutions help you work more efficiently.

#### *Distribute, Access and Print Your Documents with Ease*

Sharp makes it easy to go beyond traditional network scanning with standard **Email Connect** and **Cloud Connect** features. With **Email Connect**, scan to email is seamlessly integrated with Microsoft Exchange/Office 365® and Gmail™ user accounts, making it easy to identify the sender of scanned files. With **Cloud Connect**, users can easily scan-to and print-from **Microsoft OneDrive for Business, SharePoint Online, Google Drive, Box and Dropbox**. And with Sharp's new Application Portal (coming spring 2019), administrators will be able to **easily add new apps** and update existing apps right from the MFP touchscreen panel.



#### *Scan and Print Files Easily from Mobile Devices*

The Advanced Series color document systems also make it easy to scan and print files from tablets and smart phones using **Sharpdesk Mobile**, a free downloadable app available for most mobile devices.\* These new models also support popular mobile technologies such as **Apple® Airprint®, Android™ print framework and Google Cloud Print™**. With standard **wireless networking**, users can also print directly to the MFP from mobile devices without interfering with the corporate network!

#### *Simplify Managing Different File Types with Intelligent Image Processing*

With standard OCR capabilities, users can easily scan and convert documents to popular file formats including Microsoft Word, PowerPoint and Excel, as well as Searchable PDF, Encrypted PDF and others. You can even directly print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via Qualcomm DirectOffice technology. These new models also support the new **Adobe Embedded Print Engine**, which direct prints PDF files with greater accuracy and performance.

#### *Flexible Printing Solutions Help Maximize Productivity*

Standard PCL 6 and Adobe PostScript 3 printing systems to help you speed through all of your output needs. Sharp's **Serverless Print Release** feature enables users to securely print a job and release it from up to six supported models on your network.\* And with **Google Cloud Print**, you can send print jobs from Chromebook™ notebook computers, PCs and more from virtually anywhere.

#### *Simplify Complex Business Workflows with Sharp OSA® Technology*

**Sharp OSA technology** can help your business leverage the power of your network applications, back-end systems and cloud services. Easily automate complex processes and help eliminate redundant tasks. Talk to your authorized Sharp dealer to see how they can help you implement a streamlined workflow solution.



\* Go to [www.sharppusa.com](http://www.sharppusa.com) for a list of supported equipment and operating systems.

# TAKING CARE OF BUSINESS SAFELY AND SECURELY

## Manage your device, help safeguard your data, help protect your business.

To help protect employees' privacy and intellectual property, the new Color Advanced Series is armed with leading-edge, **multi-layered security features**, including **Firmware Attack Prevention and Self Recovery**, which can help identify a malicious intrusion and restore the machine firmware to its original state. The new **Whitelisting** feature detects access attempts to the machine file system and denies access if the source data is not on the white list. **Authority Groups** help manage and restrict copying, printing and scanning features to safeguard data and control costs. Administrators can also apply **Active Directory® Group Policy** to the device, which offers centralized configuration and control. **Confidential Printing** helps ensure sensitive documents are kept safe by requiring users to enter a PIN code to print them. These models also support Active Directory user authentication and secure **Single Sign-On**. **Integrated ID card authentication** is also available.\* When you are ready to trade the machine in, a convenient **End-of-Lease** feature can erase all data and personal information, as well as print a confirmation report.

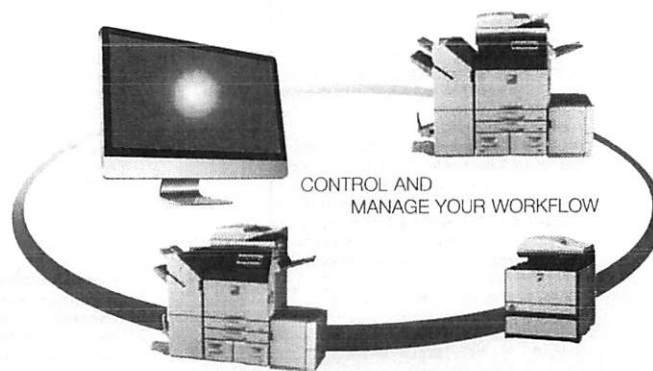


These scalable security offerings aim to help protect your confidential and personal information, as well as help your business meet regulatory requirements. For additional information visit: [www.sharpusa.com/security](http://www.sharpusa.com/security).

\* Some features require optional equipment and/or software.



With **Sharp Remote Device Manager (SRDM)**, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Event-driven service alerts help monitor the device and maximize uptime. The centrally managed **security dashboard** monitors security settings and can automatically reset the security policy if changed locally at the machine. Also, **Centralized Admin Password Management** and **Centralized Power Management** make it easy to deploy changes when needed. The **Remote Front Panel** feature enables administrators to control the machine's LCD panel from a PC to troubleshoot issues and train operators. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access and track usage** of each device on the network.\* And with **My Sharp™**, you get a dedicated training website customized to your Advanced Series model to help you understand all of the features.



## ENVIRONMENTAL COMMITMENT

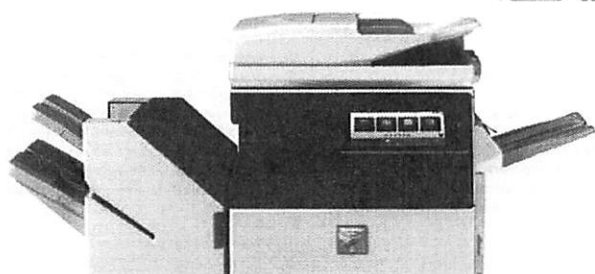


**SmartWay**  
Transport Partner  
Getting There With Cleaner Air

### **An Environmentally Responsible Approach to Product Design**

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The Color Advanced Series adhere to Sharp's Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair and easy to take apart for recycling.

The MX-3071/3571/4071 document systems are **ENERGY STAR®** qualified and **RoHS** compliant to restrict the use of hazardous substances. These products also have low **TEC** values. Sharp MFPs are **EPEAT®** registered.



### **Toner Recycling Program**

As part of our commitment to help preserve the environment, Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers. This program includes cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing them with a pre-paid recycling kit for their return to our facility.

### **Environmental Leadership**

As a testament to our commitment to the environment, Sharp is a multi-year winner of the **ENERGY STAR** annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the **SmartWay®** Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit [www.sharpusa.com/environment](http://www.sharpusa.com/environment).

# MX-3071/3571/4071 SPECIFICATIONS

## Main Specifications

MX-3071/3571/4071	Base models include multitasking controller, 150-sheet DSPP, PCL® 6 and Adobe PostScript® 3™ printing systems, network scanning, auto duplexing, 1 x 550-sheet paper drawer, 100-sheet bypass tray, Black and color developer is included. Color multi-function digital document system
Type	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display, 1,024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filing and fax <sup>1</sup>
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/white LED exposure Sheets and bound documents
Originals	Max. Original Size 11" x 17"
Output Size	Min. 5 1/2" x 8 1/2", Max. 12" x 18"
Copy Speed	30/35/40 ppm Mono/Color (8 1/2" x 11")
Multiple Copy	Max. 9,999 copies
First Copy Time (In Seconds) <sup>2</sup>	Platen Glass: Mono 4.7, Color 6.7 DSPP: Mono 7.3, Color 10.0
Warm Up Time	33 seconds (from main power switch on), 20 seconds (from [Power] button on)
Magnification	25% to 400% in 1% increments (with DSPP 25%-200%)
Original Feed	150-sheet DSPP with original size detection
Scan Speed	Copy: Up to 220 ipm (Mono)/110 ipm (Color) Scan: Up to 220 ipm (Mono/Color)
Original Sizes	5 1/2" x 8 1/2", 8 1/2" x 11", 8 1/2" x 11" R, 8 1/2" x 14", 11" x 17"
Paper Capacity	Standard: 650 Sheets/Maximum: 6,300 Sheets
Paper Feed System	Standard: (1) paper drawer 550 sheets (letter/legal/ledger/stmt. size) or up to 50 envelopes (max. height: 25 mm), 100-sheet (or 20 envelope) bypass tray. Optional: Single, double, or triple paper drawer(s) (550, 1,100, or 1,650 sheets), split tandem paper drawers 2,100 sheets (letter) + (1) 550-sheet paper drawer (letter/legal/ledger/statement size).
Paper Weights and Types	Paper drawers: 18 lb. bond to 110 lb. cover. Drawer 1: 20-24 lb. bond or Monarch/Com-9 envelopes. Split Tandem Drawers: 18 lb. bond to 28 lb. bond or plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 28 lb. bond-110 lb. cover (heavy paper), tab paper (letter) and Monarch/Com-10 envelopes. Also label, gloss, preprinted, recycled, pre-punched, letterhead and color paper or OHP film.
Duplexing	Standard automatic duplex copying and printing
CPU	Up to 1.4 GHz multi-processor design
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0: 2 host ports (front and rear), 1 device port (rear), wireless 802.11 a/b/g/n
Memory	Standard 5 GB copy/print (shared)
Hard Disk Drive	500 GB
Copy Resolution	Scan: 600 x 600 dpi (Mono/Color) Output: Up to 1200 x 1200 dpi (Mono), up to 600 x 600 dpi (Color)
Color Modes	Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W)
Exposure Control	Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document Settings: Auto or 9 step manual
Half-tone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot
Account Control	Up to 1,000 users. Supports user-number authentication via local, LDAP and Active Directory for copy, print, scan and document management

## Main Specifications (continued)

Output Tray Capacity	Center Exit Tray (Main): 250 sheets (face down) Job Separator (Upper Tray): 100 sheets (face down) Right Side Exit Tray: 100 sheets (face down)
Cloud Supported Services	Google Cloud Print, Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Office 365, Gmail
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/FTPS, SNMPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.
Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), TLS Encryption, Kerberos support
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SROM (Sharp Remote Device Manager)
Device Setup Service/Functions	Web-based management with user/admin level login Remote Front Panel, remote access to service logs and click counts
Accessibility Features	Free stop tilting front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for paper trays, and disable screen timeout
Environmental Standards	International Energy Star Program Ver. 2.0, European RoHS, Blue Angel (RAL-UZ205)
Power Source	110-127 V AC, 60 Hz, 15 A Receptacle
Power Consumption	1.5 kW or less
Weight	Approx. 191 lbs.
Dimensions	Approx. 24" (w) x 25" (d) 33" (h)
<b>Network Printing System</b>	
PDL	Standard PCL 6, Adobe PostScript 3
Resolution	1200 x 1200 dpi
Print Speed	30/35/40 pages per minute (8 1/2" x 11")
Print Drivers	Windows® 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2012, Windows Server 2016, Windows PPD, Mac® OS X® (including 10.6 to 10.14), all Mac PPD, UNIX®, Linux®
Mobile Printing <sup>1</sup>	Android printing framework (Sharp Print Service Plugin), Sharpdesk Mobile, Google Cloud Print
Print Features	Auto configuration, serverless print release, chapter inserts, confidential print, continuous printing, custom image registration, document control, document filing, duplex printing, electronic sorting, form overlay, hidden pattern print, image rotation, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, tab paper print, tab printing, transparency inserts, tray status, user authentication single sign-on, watermarks, zoom print
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, and PNG. Optional: PDF, Compact PDF, Encrypted PDF, PS, DOCX, XLSX and PPTX. Methods: FTP, SMB, Web page, Email and USB memory. PDF file formats support the Adobe Embedded Print Engine
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless
Operating Systems and Environments	Windows 7, Windows 8, Windows 10, Windows Server 2008, Windows Server 2012, Windows Server 2016, Chrome®, Mac OS X 10.6-10.14, Unix®, Linux®, Citrix®, and SAP device types <sup>1</sup>
Printing Protocols	LPR, IPP, IPPS, fRaw TCP (port 9100), FTP, POP3 and HTTP
<b>Network Scanning System</b>	
Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
Compression	Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option) <sup>1</sup>

## Network Scanning System (continued)

Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF. Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF. Internet Fax: TIFF-FX, TIFF-F, TIFF-S <sup>1</sup>
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Standard Gmail connector, standard Exchange connector
Scanning Protocols	HTTP/HTTPS, FTP/FTPS, SMTP/SMTP-SSL/ESMTP, SMB, POP3, LDAP, S/MIME
Software <sup>1</sup>	Sharpdesk personal document management software, Network Scanner tool, Sharpdesk Mobile (download)

## Optional Equipment

MX-60ABD	Deluxe Copier Cabinet Base (with front door)
MX-DE25N	Stand/1 x 550-sheet Paper Drawer
MX-DE26N	Stand/2 x 550-sheet Paper Drawers
MX-DE27N	Stand/3 x 550-sheet Paper Drawers
MX-DE28N	Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers
MX-DE29N	Low Stand/1 x 550-sheet Paper Drawer
MX-LC17N	3,000-sheet Large Capacity Cassette (letter, requires MX-DE25N/26N/27N/28N)
MX-LT10	Long Paper Feeding Tray
MX-FN27N	50-sheet Staple Inner Finisher
MX-FN28	1K Stacking 50-sheet Staple Finisher
MX-FN29	1K Stacking 50-sheet Staple/Saddle Stitch Finisher
MX-FN30	3K Stacking 65-sheet Staple Finisher
MX-FN31	3K Stacking 65-sheet Staple/Saddle Stitch Finisher
MX-RB25N	Paper Pass Unit (required for MX-FN28/29/30/31)
MX-PN14B	3-Hole Punch Unit (requires MX-FN27N)
MX-PN15B	3-Hole Punch Unit (requires MX-FN28/29)
MX-PN16B	3-Hole Punch Unit (requires MX-FN30/31)
MX-SCX1	Staple Cartridge for MX-FN27N/28
AR-SC2	Saddle-stitch Staple Cartridge for MX-FN29
MX-SC11	Staple Cartridge for MX-FN30/31
MX-SC12	Saddle-stitch Staple Cartridge for MX-FN31
MX-TR19N	Right Side Exit Tray
MX-TR20	Job Separator Tray
MX-TU16	Center Exit Tray
MX-UT10	Utility Table
MX-FX15	Fax Expansion Kit
MX-FWX1L	Internet Fax Kit
MX-PF10	Bar Code Font Kit
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge
MX-AMX1L	Application Integration Module
MX-FR62U	Data Security Kit
DVENDFSV	Generic Vendor Interface Kit

## Supplies

MX-61NTBA	Black Toner Cartridge
MX-61NTCA	Cyan Toner Cartridge
MX-61NTMA	Magenta Toner Cartridge
MX-61NTYA	Yellow Toner Cartridge
MX-61NVBA	Black Developer
MX-61NVSA	Cyan/Magenta/Yellow Developer
MX-60NBSA	Drum

<sup>1</sup> Some features require optional equipment. See your local dealer.

<sup>2</sup> May vary depending on product configuration, machine settings and operating and/or environmental conditions.



Qualcomm® DirectOffice™



Google Cloud Print 2.0 Ready



# SHARP

SHARP ELECTRONICS CORPORATION  
100 Paragon Drive, Montvale, NJ 07645  
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Your Trusted Technology Company

3.10

**CONFIDENTIAL PROPOSAL  
FOR  
TOWNSEND WATER DEPARTMENT  
7/24/20**

**Konica Minolta Bizhub C300i Digital Color Copier, Printer and Scanner**

**30 PPM B/W and Color Copies**

**Network Printing**

**Network Scanning**

**250 GB Hard Disk Drive**

**Reversing Automatic Document Feeder**

**(3) 500 Sheet Paper Drawers**

**Duplexing**

**Inner Finisher W/Stapling**

**150 Sheet Intelligent Bypass**

**Reduction/Enlargement**

**(25% - 400%)**

**Power Filter**

**NASPO ITC66 STATE CONTRACT**

**Purchase Price** **\$4,962.13**

**Option**

**Faxing** **\$520.00**

**MAINTENANCE AGREEMENT**

**Includes all parts, labor and supplies excluding staples.**

**Color copies .05 per page, B/W copies .0078 per page.**

24 Terry Avenue  
Burlington, MA 01803  
781-272-2034

88 Black Falcon Ave, Ste. 238  
Boston, MA 02210  
617-451-5090

118 Long Pond Rd. Suite 100  
Plymouth, MA 02360  
508-927-4042

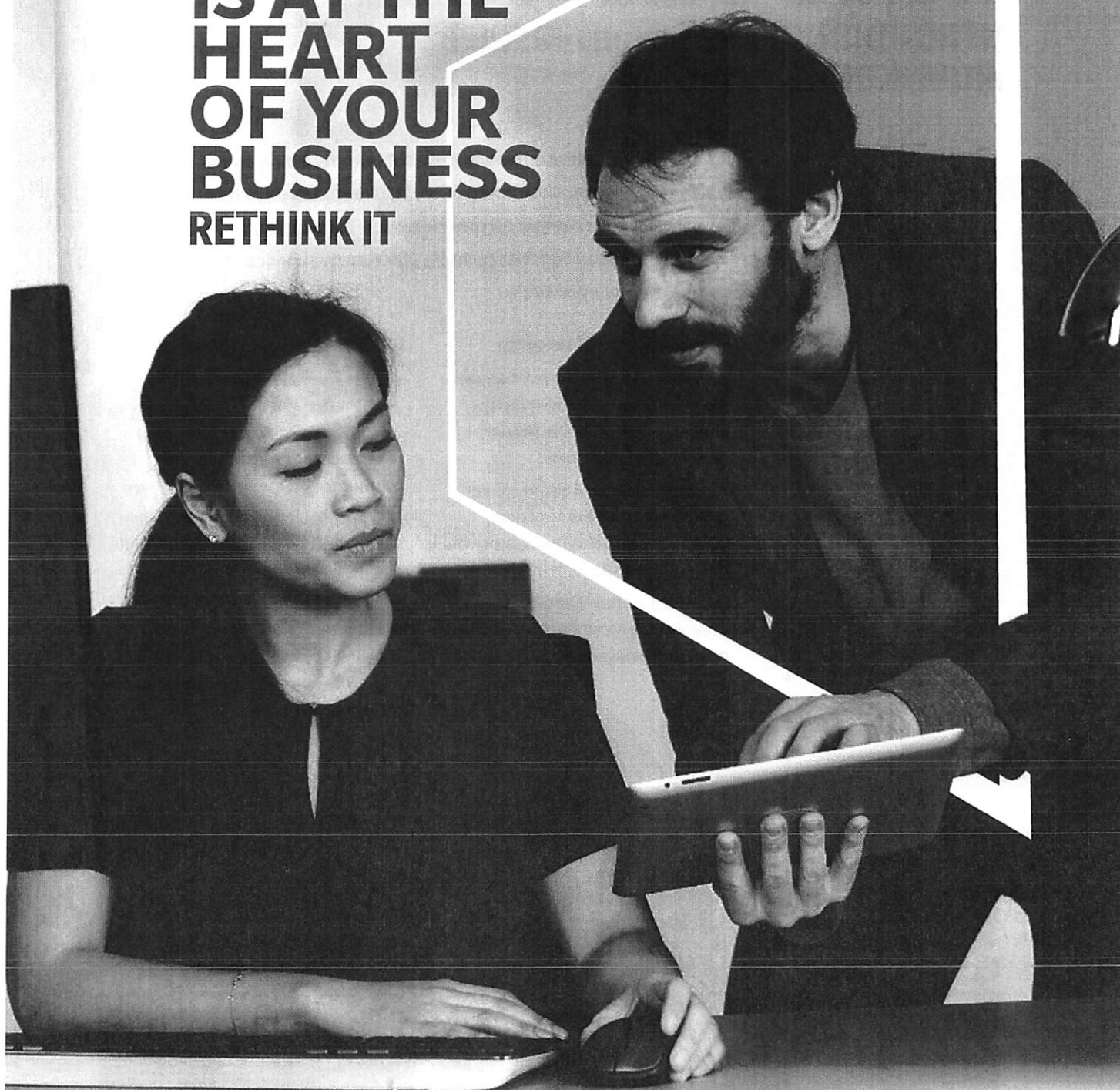
301 Riverway Place, Unit 30  
Bedford, NH 03110  
603-623-7845





KONICA MINOLTA

**bizhub i-SERIES  
IS AT THE  
HEART  
OF YOUR  
BUSINESS  
RETHINK IT**



**bizhub** C650i/C550i/C450i/C360i/C300i/C250i

Giving Shape to Ideas



# TOMORROW'S WORKPLACE TODAY

## INTRODUCING THE bizhub i-SERIES FROM KONICA MINOLTA

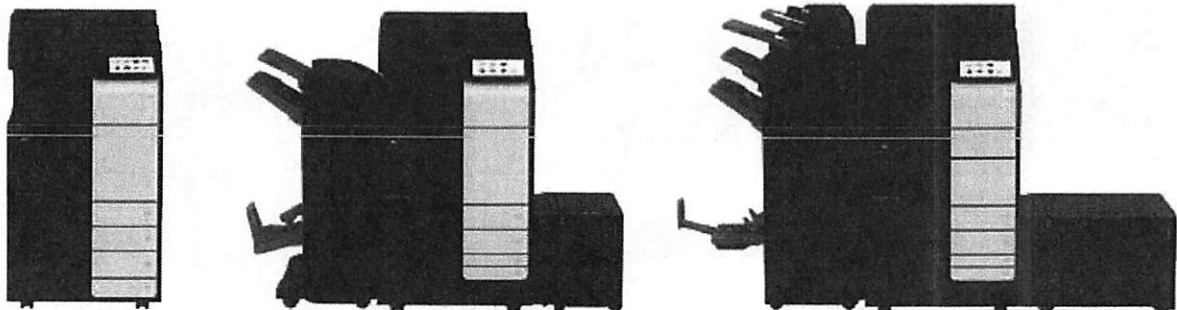
Born from our desire to rethink the role of multifunctional devices in business, our next generation technology sits at the heart of your connected environment. Simply and securely bringing together people, places and devices to change the way you work.

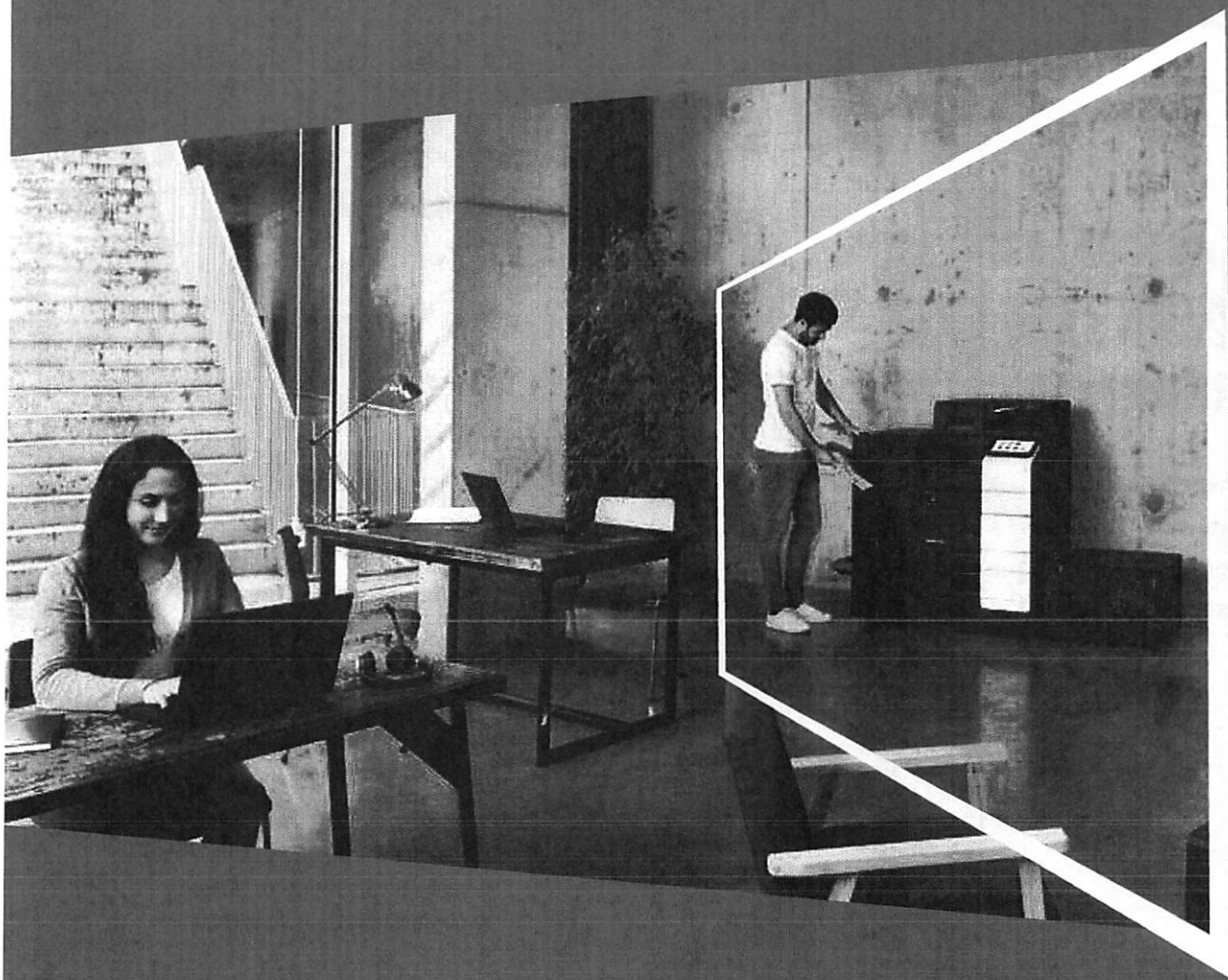
### The workplace is changing

- As more tasks move toward individual work in a place of the individual's choice, central offices are becoming hubs for communication.
- As office documents become more digitised and the volume of data increases, centralised management and better access to documents is vital.
- As business data leaks and hacking become more commonplace, the need for security is increasingly critical.

### bizhub i-Series is the solution

- With simple operability and high-quality performance, bizhub i-Series allows people to complete tasks efficiently and effectively from anywhere.
- With integrated cloud services that offer the right processes at the right time, bizhub i-Series builds more convenient workflows for everyone.
- With next generation security technology built in, bizhub i-Series provides a reliably safe environment for your business.





# i-SERIES IS SIMPLE AND SECURE RETHINK IT

**We've simplified, secured and enhanced what technology can do for your business.**

## **Key benefits**

- Stay in control of your information
- Protect your data and stop virus threats
- Security visibility, implementation and continuity
- The peace of mind to focus on core activities

## **Intelligent simplicity**

With a large touchscreen operation panel, smartphone style user interface and a display that users can customise with apps from Konica Minolta Marketplace, i-Series is intelligently simple.

## **Next generation security**

The next generation bizhub i-Series comes with the highest security standards built in.

With our bizhub SECURE services, we tailor the security settings to your needs, so your data is fully protected. And with integrated anti-virus software, it ensures no virus can harm your business.

# i-SERIES IS INTUITIVE RETHINK IT

Inspired by the way people interact with tech, we've completely redesigned the user experience.



## Designed for people

The stylish bizhub i-Series looks at home in today's office environment, with contemporary touches like a floating operation panel, rounded edges and LED status indicators.

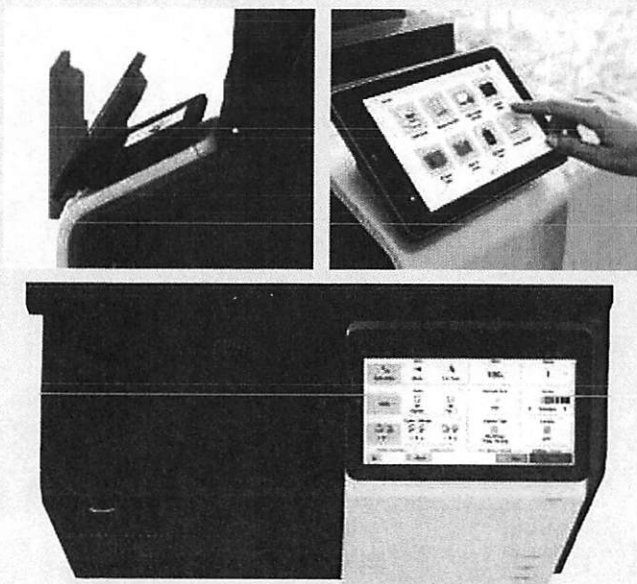
With a 24° to 90° tilt angle, the large 10.1" tablet style touch panel provides convenient operation for all users, especially those in a wheelchair.

## Putting users first

The i-Series offers a market leading and intuitive smartphone style experience.

In fact, the user experience is so familiar there's practically no learning curve and users can customise their screen in the same way as their mobile device.

In the card-type Quick Copy screen, all main setting options are directly visible without scrolling or searching. Users can apply their desired settings with fewer clicks and pop-ups, making operation faster and more productive. You can also customise your personal home screen by simply adding or removing function icons. Widgets are supported as well, similar to Widgets on Android-based smartphones. This facilitates embedded functionality delivered by Apps into the home screen.







### The waiting is over

To boost workflow and cut out waiting time, the i-Series is our fastest ever range. In fact, thanks to its brand new Quad Core Central Processing Unit, it's four times quicker than our previous bizhub series.

The new controller integrates all processes and distributes tasks more effectively within the Central Processing Unit. As a result, the user experience is smoother and quicker and there is no waiting time while operating i-Series.

With the new Intelligent Media Sensor\*, paper weight detection is automatic, and the correct settings are applied every time. Enhancing user convenience, this avoids media setting mistakes and minimises paper jams.



(\*Intelligent Media Sensor is standard on bizhub C650i/C550i/C450i; optional on bizhub C360i/C300i/C250i)

# i-SERIES IS UNLIMITED POSSIBILITIES

## RETHINK IT

### ENHANCED EFFICIENCY AND PRODUCTIVITY

To extend the workflow capabilities of the bizhub i-Series, and boost flexibility within your office, we developed Dispatcher Phoenix.

To maximise productivity, i-Series eliminates repetitive tasks, cuts costs and reduces manual and human errors.

#### Dispatcher Phoenix

Our advanced process automation solution, streamlines the handling of all document-processing tasks. This simplifies daily office routines to boost efficiency thanks to predefined workflow templates and customisable scan workflows.

It also facilitates the easy distribution of documents by scanning to SharePoint and Dropbox or to popular systems like Box, Google Drive, Microsoft OneDrive, and OneDrive for Business.

#### Advanced workflows

##### Capture

- MFP
- Input Folder
- SMTP In
- DP Mobile App
- Google Cloud Print
- Workstation



##### Process

- Advanced OCR
- Metadata scripting
- File conversion to PDF, MS Office, PS
- Metadata to File
- Metadata Route
- Annotate
- PDF Data extraction
- Watermark



##### Distribution

- Dropbox
- Box
- OneDrive
- OneDrive for Business
- WebDAV
- Sharepoint Online
- Sharepoint
- Output Folder
- FTP

## MAKE TIME FOR YOUR CORE BUSINESS

Now you can make your business devices more powerful by simply adding new capabilities. Konica Minolta MarketPlace gives you the freedom to personalise your bizhub in the same way as your smartphone. The available apps bridge unproductive gaps between work processes to give you more time to focus on core tasks.

### Streamline office routines

Browse the Konica Minolta MarketPlace for new applications that serve your business needs. Then simply add them to all your devices – however large your fleet.

Updates are also deployed directly to your devices without cost-intensive maintenance. And as these apps run directly on your devices, you don't need to invest in additional infrastructure.

Konica Minolta's bizhub multi-functional devices provide a broad range of capabilities that serve all your needs. To minimise the time spent using your bizhub, simply change the control panel to meet your preferences. And because the user operation of any model is completely customisable, there's no need for special training.

### Key benefits

- Add and remove functions from the panel to match your bizhub with your workstyle
- Streamline your daily office routines
- Boost team productivity

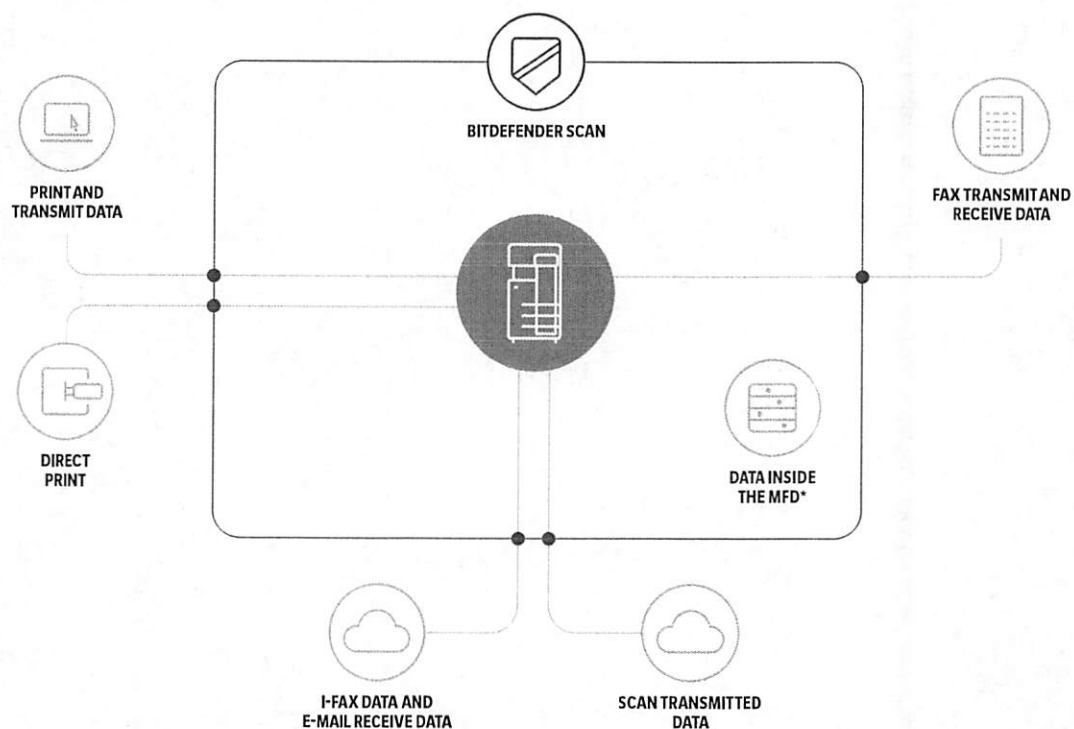


[au.konicaminoltamarketplace.com](http://au.konicaminoltamarketplace.com)

# i-SERIES IS SAFER RETHINK IT

## ALWAYS SAFE. ALWAYS IN CONTROL.

Having complete protection against virus threats gives you the peace of mind to focus on other tasks. So to protect your data, the optional BitDefender anti-virus engine automatically scans all transmitted and received data – in real time. You can also run on-demand or scheduled scanning of your data, to make sure you stay protected.



- \* Data inside the MFD is checked manually or scheduled
- Optional BitDefender scans transmitted and received data to protect the i-Series



At Konica Minolta, we know that protecting your data is key to your business. That's why our bizhub multifunctional devices embed the highest level of security to protect your data.



## TOTAL CARE BY BIZHUB SECURE

With bizhub SECURE services, we've made sure your business is fully protected by providing security tailored to your needs. Continuous security gives you one less thing to worry about. And because our team configures everything for you, you'll save time too.

### Safe and SECURE

- bizhub SECURE protects the data inside the memory of your i-Series
- BitDefender anti-virus engine defends you from the threat of viruses



# i-SERIES IS SMARTER RETHINK IT

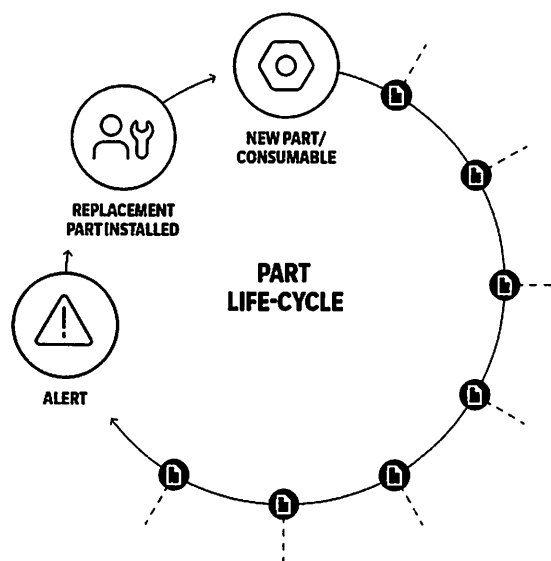
## REDUCED DOWNTIME. ALL THE TIME.

Features this advanced don't come from merely improving technology. To make bizhub i-Series work with everything you do, we set out to rethink everything we do.

Konica Minolta Worldwide Remote Service Platform provides a trouble-free experience and minimum downtime.

To ensure continuous and full use, i-Series intelligently collects data for self-diagnostic and remote maintenance and even predicts the optimum replacement time for parts and consumables.

It also uploads the latest firmware, in real or scheduled time. So users know they're always working with up-to-date technology.



 --- Data collected for part/consumable replacement predictions

## CUSTOMER BENEFITS



**Intuitive operability**  
Operate the bizhub like a smartphone or tablet with fully customised user interface



**Mobile connectivity**  
Print anytime from anywhere with Konica Minolta's innovative mobile technologies



**Security**  
Secure network integration, data encryption, SSD overwrite and advanced user authentication



**Application ecosystem**  
Enhanced efficiency thanks to Konica Minolta's extensive applications portfolio



**Productivity**  
Reliability, high-speed scanning and printing, combined with powerful finishing functions



**Services**  
Efficient printer fleet management, including automatic consumables delivery, pro-active maintenance and remote setup

## FINISHING FUNCTIONALITIES



Corner stapling



Two-point stapling



Two-hole punching



Four-hole punching



Duplex



Combined mixplex/mixmedia



Half-fold



Sheet insertion



Letter-fold



Booklet



Offset sorting



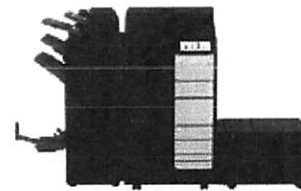
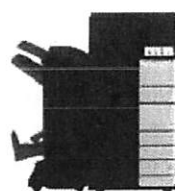
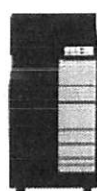
Banner printing



Z-fold



Corner Stapling (offline)



### Finishing Functionalities



Compatible Models	C650i	✓	✓	✓	✓	—
	C550i / C450i	✓	✓	✓	✓	✓
	C360i / C300i / C250i	—	—	✓	✓	✓
Finisher Models		FS-540 <sup>*1,2</sup>	FS-540SD <sup>*1,2</sup>	FS-539 <sup>*1,2</sup>	FS-539SD <sup>*1,2</sup>	FS-533 <sup>*3</sup>
Offset sorting (Shift sort) function	Slightly offsets position of each set of pages when discharged	✓	✓	✓	✓	✓
Stapling functions	Corner stapling Corner stapling (parallel) <sup>*4</sup> Corner stapling (parallel) <sup>*4</sup> Two-point stapling (side)	Thin / Plain (52-80 gsm): max. 100 sheets Plain (81-90 gsm): max. 60 sheets Plain + / Thick (91-120 gsm): max. 50 sheets Thick (121-157 gsm): max. 40 sheets	Thin / Plain (52-90 gsm): max. 50 sheets Plain + / Thick (91-120 gsm): max. 30 sheets Thick (121-209 gsm): max. 15 sheets	Thin / Plain (52-90 gsm): max. 50 sheets Plain + / Thick (91-120 gsm): max. 30 sheets Thick (121-209 gsm): max. 15 sheets	Thin / Plain (52-90 gsm): max. 50 sheets A4, B5: max 50 sheets <sup>*5</sup> A3, B4: max 30 sheets <sup>*5</sup>	—
Manual stapling		Max. 50 sheets (23-15/16 lb (90 g/m <sup>2</sup> ))				—
Booklet function & folding functions	Saddle stitching Centre-fold Tri-fold (up to 3 sheets)	—	Max. 20 sheets	—	Max. 20 sheets	—
Z folding function	Z folding	Z folding unit ZU-609 52-90 gsm				—
Hole-punching	Two-hole punch Upper two-hole punch	Punch kit PK-526 Up to 300 gsm		Punch kit PK-524 Up to 300 gsm		Punch kit PK-519 Up to 157 gsm
Cover sheet & Insert sheet	Cover sheet Insert sheet	Post Inserter PI-507 or standard functions		Standard functions		Standard functions

<sup>\*1</sup> Installation of a finisher enables in-body paper discharge. A maximum of three discharge locations can be set. For FS-540 and FS-540SD, a maximum of four in-body paper discharges can be set with Job Separator JS-602 installed.

<sup>\*2</sup> Requires Relay Unit RU-513. <sup>\*3</sup> FS-533 requires MK-607 to be installed. <sup>\*4</sup> FS-540/FS-540SD/FS-539/FS-539SD parallel stapling is only supported for A4 portrait, B5 portrait and A5 landscape orientations. <sup>\*5</sup> FS-533 corner stapling is only parallel.

# i-SERIES IS ECO RETHINK IT

## INDUSTRY LEADING ENVIRONMENTAL PERFORMANCE

**We have invested substantial resources to keep the environmental impact of the bizhub i-Series as low as possible.**

Our new eco setting and low temperature fusing toner combine to significantly reduce the consumption of energy and paper.

We're also committed to minimising waste throughout the product's lifecycle.

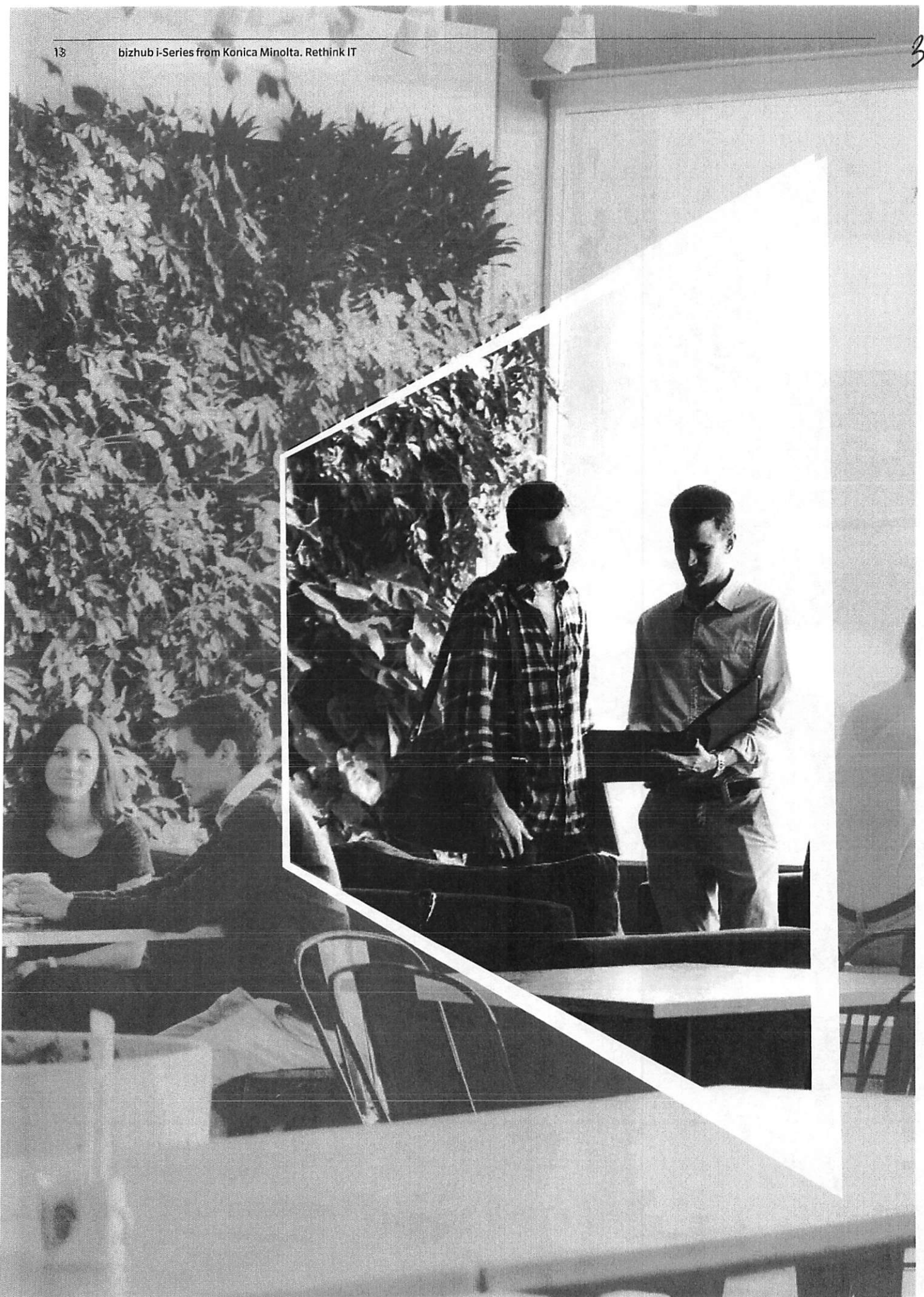
While our improved consumables and parts use fewer materials and enjoy a longer life, our industry leading air-form packaging solution ensures safe transportation while reducing waste.

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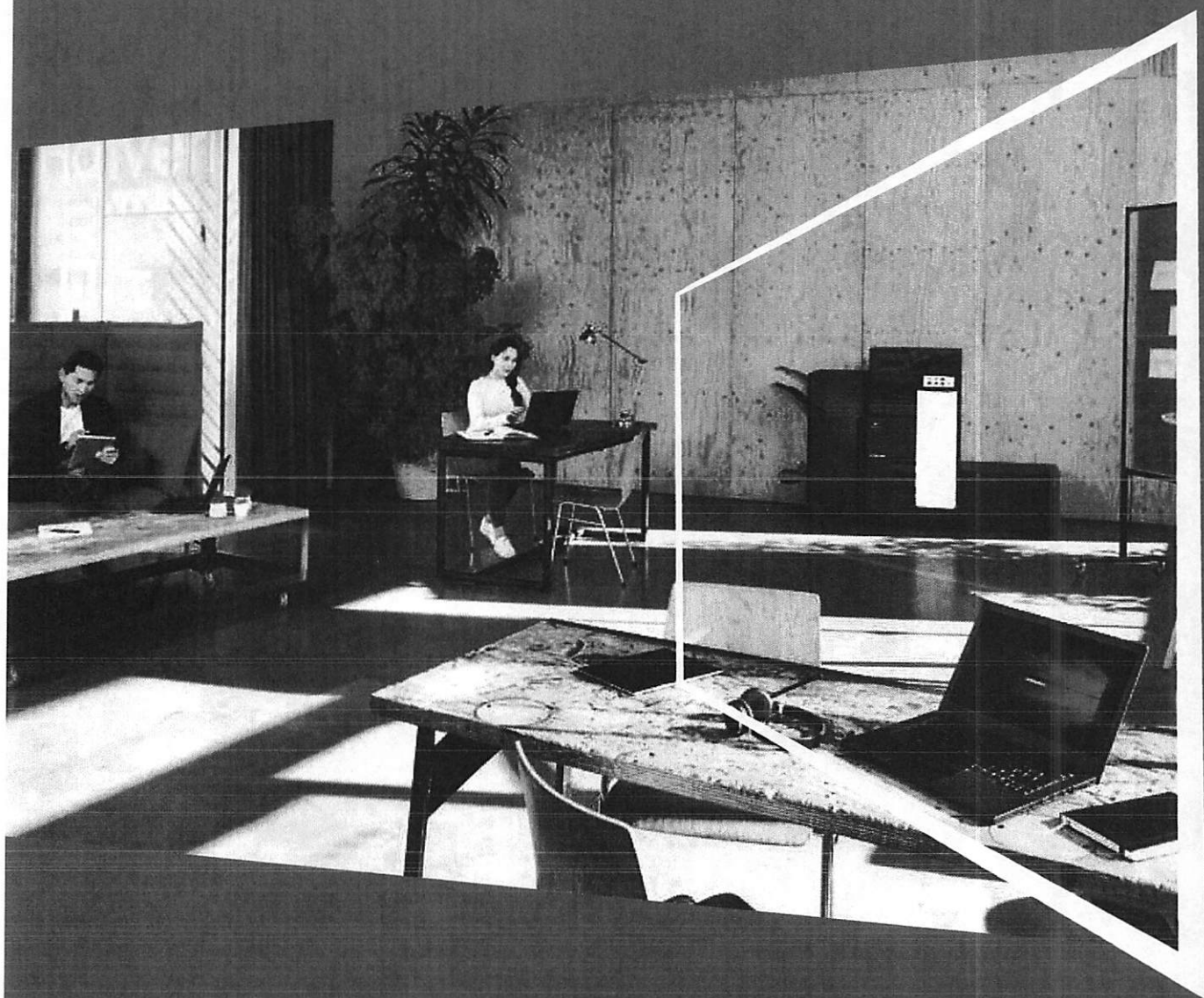
**With intelligent usability, next generation security and seamless connectivity, bizhub i-Series brings together people, places and devices to change the way you work.**

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## OPTIONS DESCRIPTIONS (bizhub C650i/C550i/C450i)

### ENHANCED FEATURES

LK-102v3 PDF enhancements	PDF/A(1b), PDF encryption, digital signature
LK-104v3 Voice Guidance	Enables easy to follow audio guidance for visually impaired users. Requires KP-102
LK-105v4 OCR text recognition	Searchable PDF and PPTX
LK-106 Barcode fonts	Supports native barcode printing
LK-107 Unicode fonts	Supports native Unicode printing
LK-108 OCR A and B fonts	Supports native OCR A and B font printing
LK-110v2 Document converter pack	Generates various file formats incl. DOCX, XLSX and PDF/A
LK-111 ThinPrint® client	Print data compression for reduced network impact
LK-115v2 Trusted Platform Module	Trusted Platform Module for protection of data encryption and decryption
LK-116 Antivirus	Bitdefender® antivirus provides real time scanning of all incoming and outgoing data
LK-117 FOIP activation	Fax over IP networks (T.38), requires fax kit

### CONNECTIVITY

FK-514 Fax board	Super G3 fax, digital fax functionality
UK-221 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection; Bluetooth
IC-420 Fiery controller	Professional colour print controller
VI-516 Interface kit for IC-420	Fiery controller interface card
UK-115 Interface board for IC-420	Fiery controller interface board (required for bizhub C450i only)
ID card reader	Various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader

### OTHERS

WT-506 Working table	Authentication device placement
KP-102 10-Key pad	For use instead of touchscreen
SC-509 Security kit	Copy guard function (2 kits required for Dualscan ADF)
EM-908 Replacement SSD	1 TB SSD to increase storage space
KH-102 Keyboard holder	To place USB keyboard
CU-102 Air cleaning unit	Improving indoor air quality by reduced emission
DK-705 Low Caster Desk	Not compatible with Paper Tray / Finisher options

## OPTIONS DESCRIPTIONS (bizhub C360i/C300i/C250i)

### ENHANCED FEATURES

LK-102v3 PDF enhancements	PDF/A(1b), PDF encryption, digital signature
LK-104v3 Voice Guidance	Enables easy to follow audio guidance for visually impaired users. Requires KP-102
LK-105v4 OCR text recognition	Searchable PDF and PPTX
LK-106 Barcode fonts	Supports native barcode printing
LK-107 Unicode fonts	Supports native Unicode printing
LK-108 OCR A and B fonts	Supports native OCR A and B font printing
LK-110v2 Document converter pack	Generates various file formats incl. DOCX, XLSX and PDF/A
LK-111 ThinPrint® client	Print data compression for reduced network impact
LK-115v2 Trusted Platform Module	Trusted Platform Module for protection of data encryption and decryption
LK-116 Antivirus	Bitdefender® antivirus provides real time scanning of all incoming and outgoing data
LK-117 FOIP activation	Fax over IP networks (T.38), requires fax kit

### CONNECTIVITY

FK-514 Fax board	Super G3 fax, digital fax functionality
UK-221 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection; Bluetooth
IC-420 Fiery controller	Professional colour print controller
VI-516 Interface kit for IC-420	Fiery controller interface card
UK-115 Interface board for IC-420	Fiery controller interface board (required for C250i/C300i/C360i)
ID card reader	Various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader

### MEDIA INPUT

PC-216 2x Universal tray	2x 500 sheets, A5-A3, 52-256 g/m <sup>2</sup>
PC-416 Large capacity tray	2,500 sheets, A4, 52-256 g/m <sup>2</sup>
PC-417 Large capacity tray	1,500 + 1,000 sheets, A5-A4, 52-256 g/m <sup>2</sup>
LU-302 Large capacity tray	3,000 sheets, A4, 52-256 g/m <sup>2</sup>
LU-207 Large capacity tray	2,500 sheets, A4-SRA3, 52-256 g/m <sup>2</sup>
MK-730 Banner tray	Multipage banner feeding
DK-516 Copier desk	Provides storage space for print media and other materials

### MEDIA OUTPUT

OF-513 Output tray	Output tray used instead of finisher
JS-508 Job separator	Separation of fax output etc. (bizhub C450i/C550i only)
FS-533 Inner finisher	50-sheet stapling, 500 sheets max. output (for bizhub C450i/C550i only)
MK-607 Attachment kit	For FS-533 installation (bizhub C450i/C550i only)
PK-519 Punch Kit for FS-533	2/4 hole punching, autoswitching (for bizhub C450i/C550i only)
FS-539 Staple finisher	50 sheets stapling; 3,200 sheets max. output
FS-539SD Booklet finisher	50 sheets stapling; 20 sheets booklet finisher; 2,200 sheets max. output
FS-540 Staple finisher	100 sheets stapling; 3,200 sheets max. output
FS-540SD Booklet finisher	100 sheets stapling; 20 sheets booklet finisher; 2,700 sheets max. output
PK-524 Punch kit for FS-539/SD	2/4 hole punching; autoswitching
PK-526 Punch kit for FS-540/SD	2/4 hole punching; autoswitching
RU-513 Relay unit	For FS-539/SD or FS-540/SD installation
JS-602 Job separator for FS-540/SD	Separation of fax output; etc.
PI-507 Post inserter for FS-540/SD	Cover insertion; post finishing
ZU-609 Z-fold unit for FS-540/SD	Z-fold for A3 prints

### OTHERS

DF-632 Document feeder	Reversing automatic document feeder, capacity 100 originals
DF-714 Document feeder	Dualscan automatic document feeder, capacity 100 originals
WT-506 Working table	Authentication device placement
KP-102 10-Key pad	For use instead of touchscreen
SC-509 Security kit	Copy guard function (2 kits required for Dualscan ADF)
EM-908 Replacement SSD	1 TB SSD to increase storage space
IM-102 Intelligent Media Sensor	Automatic detection of media type
KH-102 Keyboard holder	To place USB keyboard
CU-102 Air cleaning unit	Improving indoor air quality by reduced emission
DK-705 Low Caster unit	Not compatible with Paper Tray or external Finishing options

### MEDIA INPUT

PC-216 2x Universal tray	2x 500 sheets, A5-A3, 52-256 g/m <sup>2</sup>
PC-416 Large capacity tray	2,500 sheets, A4, 52-256 g/m <sup>2</sup>
PC-417 Large capacity tray	1,500 + 1,000 sheets, A5-A4, 52-256 g/m <sup>2</sup>
LU-302 Large capacity tray	3,000 sheets, A4, 52-256 g/m <sup>2</sup>
MK-730 Banner tray	Multipage banner feeding
DK-516 Copier desk	Provides storage space for print media and other materials

### MEDIA OUTPUT

FS-539 Staple finisher	50 sheets stapling; 3,200 sheets max. output
FS-533 Inner finisher	50 sheets stapling; 500 sheets max. output
PK-519 Punch kit for FS-533	2/4 hole punching, autoswitching
FS-539SD Booklet finisher	50 sheets stapling; 20 sheets booklet finisher; 2,200 sheets max. output
PK-524 Punch kit for FS-539/SD	2/4 hole punching; autoswitching
RU-513 Relay unit	For FS-539/SD installation
JS-506 Job separator	Separation of fax output; etc.

## TECHNICAL SPECIFICATIONS (bizhub C650i/C550i/C450i)

SYSTEM SPECIFICATIONS	C650i	C550i	C450i
System speed A4 (mono/colour)	Up to 65/65 ppm	Up to 55/55 ppm	Up to 45/45 ppm
System speed A3 (mono/colour)	Up to 32/32 ppm	Up to 27/27 ppm	Up to 22/22 ppm
Autoduplex speed A4 (mono/colour)	Up to 65/65 ppm	Up to 55/55 ppm	Up to 45/45 ppm
1st page out time A4 (mono/colour)	2.8/3.8 sec.	3.3/4.3 sec.	3.8/5.0 sec.
Warm-up time (mono/colour)	Approx. 15/17 sec. <sup>1</sup>	14/16 sec. <sup>1</sup>	15/17 sec. <sup>1</sup>
Imaging technology	Laser		
Toner technology	Simitri® HD polymerised toner		
Panel size/resolution	10.1" / 1024 x 600		
System memory	8GB (standard/max)		
System storage	256 GB SSD (standard) / 1 TB SSD (optional)		
Interface	10/100/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11 b/g/n/ac (optional)		
Network protocols	TCP/IP (IPv4 / IPv6); SMB; LPD; IPP; SNMP; HTTP(S); Bonjour		
Automatic document feeder	Up to 300 originals; A6-A3; 35-210 g/m <sup>2</sup> ; Dualscan ADF		
ADF double feed detection	Standard		
Printable paper size	A6-SRA3; customized paper sizes; banner paper max. 1,200 x 297 mm		
Printable paper weight	52-300 g/m <sup>2</sup>		
Paper input capacity	1,150 sheets / 6,650 sheets (standard/max)		
Paper tray input (standard)	1x 500; A6-A3; custom sizes; 52-256 g/m <sup>2</sup> 1x 500; A5-SRA3; custom sizes; 52-256 g/m <sup>2</sup>		
Paper tray input (optional)	2x 500 sheets; A5-A3; 52-256 g/m <sup>2</sup> 1x 2,500 sheets; A4; 52-256 g/m <sup>2</sup> 1x 1,500 + 1x 1,000 sheets; A5-A4; 52-256 g/m <sup>2</sup>		
Large capacity tray (optional)	1x 3,000; A4; 52-256 g/m <sup>2</sup> 1x 2,500; A4-SRA3; custom sizes; 52-256 g/m <sup>2</sup>		
Manual bypass	150 sheets; A6-SRA3; custom sizes; banner; 60-300 g/m <sup>2</sup>		
Finishing modes (optional)	Offset; Group; Sort; Staple; Staple (offline); Punch; Half-fold; Letter-fold; Booklet; Post insertion; Z-fold		
Automatic duplexing	A6-SRA3; 52-256 g/m <sup>2</sup>		
Output capacity	Up to 250 sheets / up to 3,300 sheets (standard/max)		
Stapling	Max. 100 sheets or 98 sheets + 2 cover sheets (up to 300 g/m <sup>2</sup> )		
Stapling output capacity	Max. 200 sets		
Letter fold	Max. 3 sheets		
Letter fold capacity	Max. 50 sets; unlimited (without tray)		
Booklet	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 300 g/m <sup>2</sup> )		
Booklet output capacity	Max. 35 booklets; unlimited (without tray)		
Duty cycle (monthly)	Rec. 53,000 pages; Max. <sup>2</sup> 250,000 pages	Rec. 50,000 pages; Max. <sup>2</sup> 200,000 pages	Rec. 40,000 pages; Max. <sup>2</sup> 200,000 pages
Toner lifetime	Black up to 28,000 pages CMY up to 28,000 pages		
Imaging unit lifetime	Black up to 240,000/1,000,000 pages (drum/developer) CMY up to 165,000/1,000,000 pages (drum/developer)		
Power consumption	220-240 V / 50/60 Hz; less than 2.00 kW		
System dimension (W x D x H)	615 x 688 x 961 mm (without options)		
System weight	Approx. 100.0 kg (without options)		

## TECHNICAL SPECIFICATIONS (bizhub C650i/C550i/C450i)

### PRINTER SPECIFICATIONS

Print resolution	1,800 (equivalent) x 600 dpi; 1200 x 1200 dpi
Page description language	PCL 6 (XL3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
Operating systems	Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Unix; Linux; Citrix
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin
Mobile printing	AirPrint (iOS); Mopria (Android); Konica Minolta Print Service (Android); Konica Minolta Mobile Print (iOS/Android/Windows 10 Mobile) optional: Google Cloud Print; WiFi Direct

### PRINTER SPECIFICATIONS (OPTIONAL)

Print controller	Embedded Fiery IC-420
Controller CPU	AMD GX-424CC @ 2.4 GHz
Memory/HDD	4GB / 500 GB
Page description language	Adobe PostScript 3 (CPSI 3020); PCL 6; PCL 5c
Operating systems	Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Linux

### SCANNER SPECIFICATIONS

Scan speed	Up to 140/140 ipm in simplex (mono/colour) Up to 280/280 ipm in duplex (mono/colour)
Scan resolution	Up to 600 x 600 dpi
Scan modes	Scan-to-eMail (Scan-to-Me); Scan-to-SMB (Scan-to-Home); Scan-to-FTP; Scan-to-Box; Scan-to-USB; Scan-to-WebDAV; Scan-to-OPWS; Scan-to-URL; TWAIN scan
File formats	JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; XPS; Compact XPS; PPTX optional: Searchable PDF; PDF/A 1a and 1b; Searchable DOCX/ PPTX/XLSX
Scan destinations	2,000 destinations + 100 groups; LDAP support

### COPIER SPECIFICATIONS

Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multicopy	1-9,999
Original format	Max. A3
Magnification	25-400% in 0.1% steps; Auto-zooming

### FAX SPECIFICATIONS (OPTIONAL)

Fax standard	Super G3 (optional)
Fax transmission	Analogue; i-Fax; Colour i-Fax; IP-Fax
Fax resolution	Up to 600 x 600 dpi
Fax compression	MH; MR; MMR; JBIG
Fax modem	Up to 33.6 Kbps
Fax destinations	2,000 single + 100 groups

### USER BOX SPECIFICATIONS

Storable documents	Up to 3,000 documents or 10,000 pages
Type of user boxes	Public; Personal (with password or authentication); Group (with authentication)
Type of system boxes	Secure print; Encrypted PDF print; Fax receipt; Fax polling

### SYSTEM FEATURES

Security Functions (standard)	ISO 15408 HCD-PP Common Criteria (in evaluation); IP filtering and port blocking; SSL3 and TLS1.0/1.1/1.2 network communication; IPsec support; IEEE 802.1x support; User authentication; Authentication log; Secure print; Kerberos; Storage overwrite; Storage data encryption (AES 256); Confidential fax; Print user data encryption
Security Functions (optional)	Antivirus realtime scanning (Bitdefender®); Copy protection (Copy Guard, Password Copy)
Accounting (standard)	Up to 1,000 user accounts; Active Directory support (user name + password + e-mail + smb folder); User function access definition; Authentication by mobile device (Android)
Accounting Functions (optional)	ID card authentication (ID card reader); Authentication by mobile device (iOS)
Software	Net Care Device Manager; Data Administrator; Box Operator; Web Connection; Print Status Notifier; Driver Packaging Utility; Log Management Utility

<sup>1</sup> Warm-up time may vary depending on the operating environment and usage

<sup>2</sup> If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed

- All specifications refer to A4-size paper of 80 g/m<sup>2</sup> quality.
- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and network protocols as well as network and system configurations.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5% coverage of A4). The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
- Some of the product illustrations contain optional accessories.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
- Konica Minolta does not warrant that any specifications mentioned will be error-free.
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## TECHNICAL SPECIFICATIONS (bizhub C360i/C300i/C250i)

SYSTEM SPECIFICATIONS	C360i	C300i	C250i
Panel size/resolution	10.1" / 1024 x 600		
System memory (standard/max)	8 GB		
System storage	256 GB Solid State Drive (standard)/1TB SSD (optional)		
Interface	10/100/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11 b/g/n (optional)		
Network protocols	TCP/IP (IPv4/IPv6); SMB; LPD; IPP; SNMP; HTTP(S); AppleTalk; Bonjour		
Automatic document feeder	Up to 100 originals; A6-A3; 35-163 g/m <sup>2</sup> ; RADF or Dualscan ADF available		
Paper input capacity (standard/max)	1,150 sheets / 6,650 sheets		
Paper tray input (standard)	1x 500 sheets; A6-A3; custom sizes; 52-256 g/m <sup>2</sup> 1x 500 sheets; A5-SRA3; custom sizes; 52-256 g/m <sup>2</sup>		
Paper tray input (optional)	2x 500 sheets; A5-A3; 52-256 g/m <sup>2</sup> 1x 2,500 sheets; A4; custom sizes; 52-256 g/m <sup>2</sup>		
Large capacity tray (optional)	1x 3,000 sheets; A4; custom sizes; 52-256 g/m <sup>2</sup>		
Manual bypass	150 sheets; A6-SRA3; Custom sizes; Banner; 60-300 g/m <sup>2</sup>		
Automatic duplexing	A5-SRA3; 52-256 g/m <sup>2</sup>		
Finishing modes (optional)	Offset; Group; Sort; Staple; Punch; Half-fold; Letter-fold; Booklet		
Output capacity (standard)	Max. 250 sheets		
Output Capacity (optional)	Max. 3,300 sheets		
Stapling	Max. 50 sheets or 48 sheets + 2 cover sheets (up to 209 g/m <sup>2</sup> )		
Letter fold capacity	Max. 30 sheets; unlimited (without tray)		
Booklet	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 209 g/m <sup>2</sup> )		
Booklet output capacity	Max. 100 booklets; unlimited (without tray)		
Copy/print volume (monthly)	Rec. 33,000 pages Max. <sup>1</sup> 175,000 pages	Rec. 25,000 pages Max. <sup>1</sup> 150,000 pages	Rec. 16,000 pages Max. <sup>1</sup> 130,000 pages
Toner lifetime	Black up to 28,000 pages CMY up to 28,000 pages		
Imaging unit lifetime	Black up to 225,000/1,000,000 pages (drum/developer) CMY up to 105,000/1,000,000 pages (drum/developer)	Black up to 225,000/1,000,000 pages (drum/developer) CMY up to 90,000/1,000,000 pages (drum/developer)	Black up to 170,000/1,000,000 pages (drum/developer) CMY up to 65,000/1,000,000 pages (drum/developer)
Power consumption	220-240V / 50/60 Hz; Less than 1.58 kW		
System dimension (W x D x H)	615 x 688 x 918 mm (with DF-714)		
System weight	Approx. 96.0 kg (with DF-714)		

## TECHNICAL SPECIFICATIONS (bizhub C360i/C300i/C250i)

PRINTER SPECIFICATIONS	C360i	C300i	C250i
Print resolution	1,800 (equivalent) x 600 dpi; 1200 x 1200 dpi		
Print Speed A4 (mono/colour)	36/36 ppm	30/30 ppm	25/25 ppm
Page description language	PCL 6 (XL3.0); PCL 5c; PostScript 3 (CPSI 301 6); XPS		
Operating System	Windows 7 (32/64); Windows 8/8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Unix; Linux; Citrix		
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin		
Mobile printing	AirPrint (iOS); Mopria (Android); Konica Minolta Mobile Print (iOS/Android/Windows 10 Mobile); Mobile Authentication and Pairing (iOS/Android) Optionak: Google Cloud Print; WiFi Direct		

### PRINTER SPECIFICATIONS (OPTIONAL)

Print controller	Embedded Fiery IC-420
Controller CPU	AMD GX-424CC @ 2.4 GHz
Memory/HDD	2,048 MB / 500 GB
Page description language	Adobe PostScript 3 (CPSI 3020); PCL 6; PCL 5c

### SCANNER SPECIFICATIONS

Scan speed (mono/colour)	Up to 100/100 ipm in simplex Up to 200/200 ipm in duplex
Scan modes	Scan-to-eMail (Scan-to-Me); Scan-to-SMB (Scan-to-Home); Scan-to-FTP; Scan-to-Box; Scan-to-USB; Scan-to-WebDAV; Scan-to-URL; TWAIN scan
File formats	JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; XPS; Compact XPS; PPTX Optional: Searchable PDF; PDF/A 1a and 1b; Searchable DOCX/PPTX/XLSX
Scan destinations	2,100 (single + group); LDAP support

### COPIER SPECIFICATIONS

Imaging technology	Laser		
Toner technology	Simitri® HD polymerised toner		
Copy/print speed A4 (mono/colour)	Up to 36/36 ppm		
Copy/print speed A3 (mono/colour)	Up to 18/18 ppm		
Autoduplex Speed A4 (mono/colour)	Up to 36/36 ppm		
1 <sup>st</sup> copy out time A4 (mono/colour)	4.6/6.1 sec.	5.0/6.7 sec.	5.2/6.9 sec.
Warm-up time (mono/colour)	Approx. 12/13 sec. <sup>2</sup>	Approx. 11/13 sec. <sup>2</sup>	Approx. 11/13 sec. <sup>2</sup>
Copy resolution	600 x 600 dpi		
Gradation	256 gradations		
Multicopy	1-9,999		
Original format	A6-A3; Custom sizes		
Magnification	25-400% in 0.1% steps; Auto-zooming		

### FAX SPECIFICATIONS (OPTIONAL)

Fax standard	Super G3 (optional)
Fax transmission	Analogue; i-Fax; Colour i-Fax; IP-Fax
Fax resolution	Up to 600 x 600 dpi
Fax compression	MH; MR; MMR; JBIG
Fax modem	Up to 33.6 Kbps
Fax destinations	2,100 (single + group)

### USER BOX SPECIFICATIONS

Storable documents	Up to 3,000 documents or 10,000 pages
Type of user boxes	Public; Personal (with password or authentication); Group (with authentication)
Type of system boxes	Secure print; Encrypted PDF print; Fax receipt; Fax polling

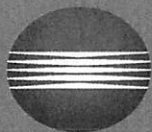
### SYSTEM FEATURES

Security Functions (standard)	ISO 15408 HCD-PP Common Criteria; IP filtering and port blocking; SSL2; SSL3 and TLS1.0/1.1/1.2 network communication; IPsec support; IEEE 802.1x support; User authentication; Authentication log; Secure print; Kerberos; SSD self-encrypting (AES 256); Memory data auto deletion; Confidential fax receipt; Print user data encryption
Security Functions (optional)	Antivirus realtime scanning (Bitdefender®); Copy protection (Copy Guard, Password Copy)
Accounting (standard)	Up to 1,000 user accounts; Active Directory support (user name + password + e-mail + smb folder); User function access definition
Accounting Functions (optional)	ID card authentication (ID card reader); Authentication by mobile device (Android/iOS)
Software	PageScope Net Care Device Manager; PageScope Data Administrator; PageScope Box Operator; PageScope Web Connection; Print Status Notifier; Driver Packaging Utility; Log Management Utility

<sup>1</sup> If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed

<sup>2</sup> Warm-up time may vary depending on the operating environment and usage

- All specifications refer to A4-size paper of 80 g/m<sup>2</sup> quality.
- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and network protocols as well as network and system configurations.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5% coverage of A4). The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
- Some of the product illustrations contain optional accessories.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
- Konica Minolta does not warrant that any specifications mentioned will be error-free.
- All brand and product names may be registered trademarks or trademarks of their respective holders and are hereby acknowledged.



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Macquarie Park NSW 2113  
(02) 8026 2222

#### SOUTH AUSTRALIA

L1 84 Greenhill Road  
Wayville SA 5034  
(08) 8231 2911

#### ACT

1/55 Wentworth Avenue  
Kingston ACT 2604  
(02) 6206 6500

#### VICTORIA

Level 5, 441 St Kilda Road  
Melbourne VIC 3004  
(03) 8699 0777

#### QUEENSLAND

Level 9, 100 Skyring Terrace  
Newstead QLD 4006  
(07) 3872 9100

#### WESTERN AUSTRALIA

66 Kings Park Road  
West Perth WA 6005  
08 6380 3700

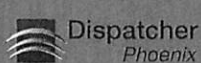
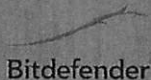
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Free Call 1800 789 389  
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Simitri HD  
High Definition Printers

Simitri  
Small Business

SAP<sup>®</sup> Printer Vendor  
Solution

CORTADO



Hi Brenda,

Thanks for taking my phone call today. For your needs I would definitely recommend these two Xerox units: The Xerox C7025 or the C8135 (a new unit that replaced the C8030 last week).

Specs:

C7025TM2 4 trays 25 copies/min in BW and Color, copy, print, scan 8 1/2 x 11, 8 1/2 x 14, 11 x 17 are standard, finisher/stapler

Dual sided scanning (two sides at once)

Scanning can be personalized for 1 touch scanning

Cloud ready for and cloud storage options

Full array for APPS available to customize your copying and scanning options

Xerox Color and Reliability

Price \$4,664.25

Finisher \$ 784.00

PLUS Trade-in of old Xerox Unit \$300.00

Service \$10/mo includes all service calls (parts and labor)

BW Copies @ \$.0085

Color Copies @ \$.059

Includes ALL supplies except paper

C8135H2 4 trays 35 copies/min in BW and Color copy, print, scan 8 1/2 x 11, 8 1/2 x 14, 11 x 17 are standard, longer paper trays are optional, finisher/stapler

Dual sided scanning (two sides at once)

Scanned documents at 279 images per minute !! (double sided)

Scanning can be personalized for 1 touch scanning

Cloud ready for and cloud storage options

Full array for APPS available to customize your copying and scanning options

Xerox Color and Reliability

Price \$4,964.25

Finisher \$ 684.00

PLUS Trade-in of old Xerox Unit \$300.00

Service \$10/mo includes all service calls (parts and labor)

BW Copies @ \$.0079

Color Copies @ \$.057

Includes ALL supplies except paper

Brenda, I hope you find these prices attractive. If you have any questions, please don't hesitate to contact me.

Thanks and Good Luck with your procedure.

Regards,

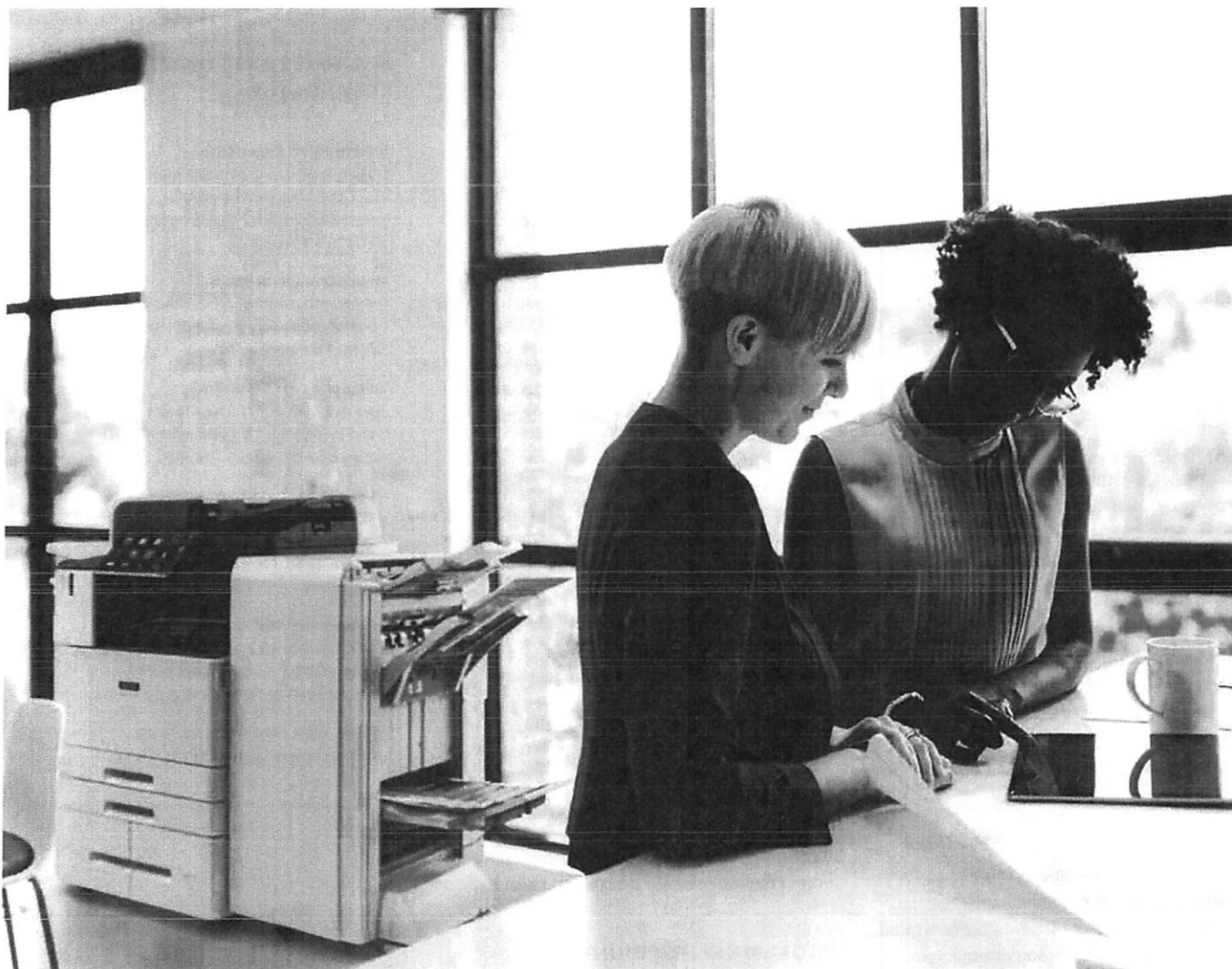
Paul Q

C8130/C8135/C8145/C8155/C8170

3.10

# Xerox® AltaLink® Color Multifunction Printer

The Ideal Digital Workplace Assistant for Demanding Teams



ConnectKey®  
Technology

xerox™

# Xerox® AltaLink® C8130/C8135/C8145/C8155/C8170 Color Multifunction Printer

Want work done right? AltaLink will help you do a lot more than just print. You can automate document workflows and connect to the systems that run your business – seamlessly. Protected by comprehensive security features, they are true Workplace Assistants that will free up time for you to do more of what really matters.

## A PRODUCTIVE WORK EXPERIENCE FOR ALL

Feel right at home instantly with AltaLink.

The intuitive and personalized tablet-like interface balances simplicity and efficiency, and reduces steps to complete tasks with a single tap.

Native mobility features, like Wi-Fi Direct (optional), make it easy for workers to print from their mobile devices and access the advanced AltaLink capabilities such as Xerox® @PrintByXerox App, Google Cloud Print™, Xerox® Print Service Plug-in for Android™ or AirPrint®.

AltaLink devices bridge the physical and digital worlds with apps and advanced scanning capabilities that allow you to digitize, route and process information in a snap. Automate tedious tasks to save time and reduce errors.

Translate documents to 50+ languages with the Xerox® Translate and Print App. Convert hard copy to audio for easy listening on the go with the Xerox® Audio Documents App. And get your handwritten note off the page and into the digital world with the Xerox® Note Converter App.

## RIGHT FIT FOR EVERY NEED

Big jobs, small jobs and everything in between — AltaLink can be customized to do it all. Your choice of finishing options and accessories means you can configure your device for any type of document.

The speed of business has never moved so fast, but the AltaLink makes it easy to keep up.

Stay in the fast lane with access to the Xerox® App Gallery. It's your gateway to an ever-growing collection of apps designed to

simplify time-consuming, repetitive or complex processes as your business evolves.

Simplify IT support as your fleet grows. Fleet Orchestrator allows you to adjust configurations and settings on all your devices at once. Perform interactive training and support your users right from your desktop with the Remote Control Panel.

## COMPREHENSIVE SECURITY

Stop threats where they start with the comprehensive protection that's trusted by the most security-minded businesses and governments.

Built-in security, including the AltaLink Trusted Boot that protects the integrity of the device start-up process from malicious actions, McAfee® whitelisting and integrations with McAfee ePO and Cisco ISE that neutralize threats instantly at the device and protect the network. Configuration Watchdog monitors and automatically remediates critical IT-defined security settings.

Native Security Information and Event Management (SIEM) simplifies reporting and management of security events. And integration with Xerox® Printer Security Audit Service, available as part of Xerox® Intelligent Workplace Services, helps maximize printer fleet, document and content security.

## COLOR WHERE IT COUNTS

High-resolution output of 1200 x 2400 dpi and best-in-class HD Super Fine EA Toner plus superior color rendering and consistency will give your documents clarity and impact. You can also upgrade your AltaLink C8100 Series with the Xerox® EX-c C8100 Print Server Powered by Fiery®, delivering more options for professional-looking documents.

## XEROX® CONNECTKEY® TECHNOLOGY

### Intuitive User Experience

Enjoy a tablet-like experience with gesture-based touchscreen controls and easy personalization, plus simple workflows and functions.

### Mobile and Cloud Ready

Be more mobile with cloud-hosted services and instant connectivity to cloud and mobile devices right from the user interface.

### Comprehensive Security

Prevent unauthorized access, detect threats and protect data and documents with built-in comprehensive security features.

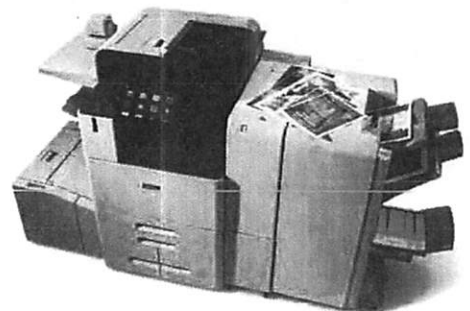
### Enables Intelligent Workplace Services

Seamless integration with Xerox Intelligent Workplace Services delivers next-level workplace efficiency, employee productivity and security.

### Gateway to New Possibilities

Transform the way you work with the apps in the Xerox App Gallery. Or have one of our partners develop a custom solution for you.

Find out more about how you'll work smarter at [www.ConnectKey.com](http://www.ConnectKey.com).





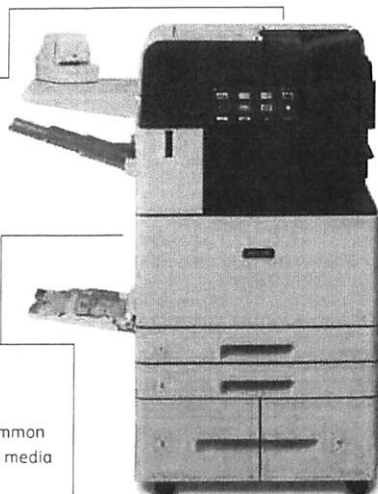
# Xerox® AltaLink® C8130/C8135/C8145/C8155/C8170

## Color Multifunction Printer

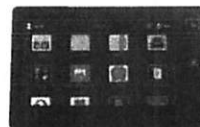
3.10

### Single-Pass Duplex Automatic Document Feeder (DADF)

saves time by simultaneously scanning both sides of two-sided documents up to 270 impressions per minute (ipm).



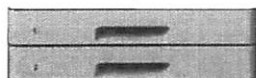
### USER INTERFACE



**Intuitive Tablet-Like 10.1-inch Color Touchscreen** is customizable and lets you perform tasks in just a few taps. Try it out at [xerox.com/AltaLink8100UI](http://xerox.com/AltaLink8100UI).

### PAPER INPUT<sup>1</sup>

**Two 520-sheet Adjustable Trays** (common with all configurations). Tray 1 handles media sizes up to 11.7 x 17 in. / A3 and Tray 2 handles media sizes up to 12 x 18 in. / SRA3.



**Envelope Kit** (optional — replaces Tray 1) provides feeding of up to 60 envelopes.



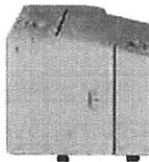
**High Capacity Tandem Tray Configuration** holds a total paper capacity of up to 3,140 sheets.

**Four Tray Module Configuration** (available for C8130/C8135) holds a total of up to 2,180 sheets.

**Bypass Tray** handles up to 100 sheets; Custom sizes: 3.5 x 3.9 to 12.6 x 52 in. / 89 x 98 mm to 320 x 1,320 mm.



**High-Capacity Feeder** (optional) holds 3,000 sheets of letter/A4 paper, increasing the maximum paper capacity to 6,140 sheets.



### LONG SHEET PRINTING

**Long Sheet Feed Kit** (optional) provides the ability to print up to 12.6 x 52 in. / 320 x 1,320 mm media.



### INNOVATIVE TECHNOLOGIES



**Xerox® Integrated RFID Card Reader** (optional) adds card-based authentication with support for over 90 access cards.

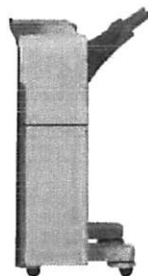


**Near Field Communication (NFC) Tap-to-Pair** allows users to tap their mobile device to the AltaLink C8100 Series user panel and quickly connect with the MFP.

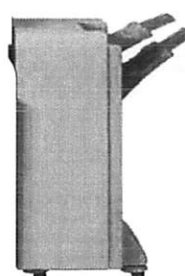


**Smart Proximity Sensor** detects when users are nearby. It conserves energy during inactive periods and automatically activates the device when a user approaches.

### PAPER OUTPUT / FINISHERS<sup>1</sup>



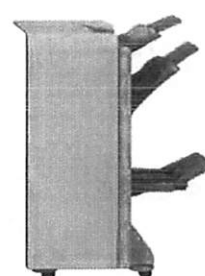
**Office Finisher** (optional) provides advanced finishing functions, optional crease/score and saddle-stitch booklet, making it capable of 60-page booklets (2 to 15 sheets).



**Business Ready (BR) Finisher** (optional) gives you advanced finishing functions at a great value.



**C-Fold/Z-Fold Unit** (optional) adds C-fold, Z-fold and Z-half-fold to the BR Finisher or BR Booklet Maker Finisher.



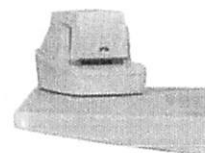
**BR Booklet Maker Finisher** (optional) create 64-page saddle-stitched booklets (2 to 16 sheets).



**Dual Offset Catch Tray** (available when no finishers are installed; Single Offset Catch Tray with finishers).



**Integrated Office Finisher** (optional with C8130/C8135/ C8145/C8155) provides 500-sheet stacking and 50-sheet, 2-position stapling.



**Convenience Stapler** (optional) staples up to 10 sheets of 20 lb. / 75 gsm media.

<sup>1</sup> Paper capacities are based on 20 lb. / 75 gsm stock; capacities will vary with different weight stocks

# Xerox® AltaLink® C8130/C8135/C8145/C8155/C8170

## Color Multifunction Printer

ConnectKey®  
Technology

DEVICE SPECIFICATIONS	ALTALINK® C8130	ALTALINK® C8135	ALTALINK® C8145	ALTALINK® C8155	ALTALINK® C8170
Speed (Color/Black-and-White)	Up to 30/30 ppm	Up to 35/35 ppm	Up to 45/45 ppm	Up to 55/55 ppm	Up to 70/70 ppm
Monthly Duty Cycle <sup>1</sup>	Up to 90,000 pages	Up to 110,000 pages	Up to 200,000 pages	Up to 300,000 pages	Up to 300,000 pages
Hard Drive/Processor/Memory	Minimum 128 GB SSD; <b>Optional:</b> 500GB HDD / INTEL ATOM Quad Core, 1.9GHz/4 GB system memory (8 GB system memory AltaLink C8170)				
Connectivity	10/100/1000Base-T Ethernet, High-Speed USB 2.0 direct print, WiFi/WiFi Direct with optional Xerox <sup>®</sup> Dual Band Wireless Kit, NFC, Bluetooth (iBeacon)				
Optional Controller	Xerox <sup>®</sup> EX-c C8100 Print Server Powered by Fiery <sup>®</sup>				
<b>Copy and Print</b>	<b>Copy Resolution:</b> Up to 600 x 600 dpi; <b>Print Resolution:</b> Up to 1200 x 2400 dpi				
First-Copy-Out Time (as fast as) (from platen/warmed-up state)	6.10 seconds color/4.50 seconds black-and-white		5.50 seconds color/4.40 seconds black-and-white	4.70 seconds color/3.70 seconds black-and-white	4.00 seconds color/3.20 seconds black-and-white
First-Print-Out Time (as fast as)	5.70 seconds color/4.20 seconds black-and-white		4.90 seconds color/3.80 seconds black-and-white	4.50 seconds color/3.20 seconds black-and-white	3.80 seconds color/3.00 seconds black-and-white
Page Description Languages	Adobe <sup>®</sup> PostScript <sup>®</sup> 3™, Adobe <sup>®</sup> PDF, PCL <sup>®</sup> 5c / PCL <sup>®</sup> 6				
Paper Input <sup>2</sup>	Standard	<b>Single-Pass Duplex Automatic Document Feeder (DAF):</b> Up to 82 ppm simplex / 141 ipm duplex (200 dpi), 130-sheet capacity for AltaLink C8130/C8135/C8145/C8155. Paper sizes: 3.4 x 4.9 in. to 11.7 x 17 in. / 85 x 125 mm to 297 x 432 mm. Up to 135 ppm simplex / 270 ipm duplex (200 dpi), 250-sheet capacity for AltaLink C8170. Paper sizes: 3.4 x 4.9 in. to 11.7 x 17 in. / 85 x 125 mm to 297 x 432 mm. <b>Bypass Tray:</b> 100 sheets; Custom sizes: 3.5 x 3.9 to 12.6 x 52 in. / 89 x 98 mm to 320 x 1,320 mm (SEF) <b>Tray 1:</b> 520 sheets; Custom sizes: 5.5 x 7.2 in. to 11.7 x 17 in. / 140 x 182 mm to 297 x 432 mm (SEF) <b>Tray 2:</b> 520 sheets; Custom sizes: 5.5 x 7.2 in. to 12 x 18 in. / 140 x 182 mm to 3RA3 (SEF)			
	Choose One	<b>Four Tray Module:</b> (Trays 3 and 4 — available with AltaLink C8130/C8135); 1,040 sheets; 520 sheets each; Custom sizes: 5.5 x 7.2 to 12 x 18 in. / 140 x 182 mm to 3RA3 (SEF). Total standard paper capacity: 2,180 sheets. <b>High Capacity Tandem Tray Module:</b> 2,000 sheets; Sizes: 8.5 x 11 in. / A4. Total standard paper capacity: 3,140 sheets.			
	Optional	<b>High-Capacity Feeder (HCF):</b> Up to 3,000 sheets; Size 8.5 x 11 in. / A4 long edge feed. Max paper capacity with HCF: 6,140 sheets. <b>Envelope Tray (replaces Tray 1):</b> Up to 60 envelopes with Auto Size detection of some sizes <b>Long Sheet Feed Kit (banner printing):</b> 12.6 x 52 in. / 320 x 1,320 mm			
Paper Output/Finishing <sup>2</sup>	Standard	<b>Dual Offset Catch Tray</b> (standard when finishers are not attached): 250 sheets each; Face-up Tray: 100 sheets			
	Optional	<b>Integrated Office Finisher:</b> Available with AltaLink C8130/C8135/C8145/C8155, staple positions: front and rear straight. 500 sheets stacker, 50 sheets stapling, 2-position stapling. <b>Office Finisher:</b> 2,000-sheet stacker, 50 sheets stapled, 2-position stapling, optional hole punch, optional booklet maker (score, saddle stitch 2 to 15 sheets (60 pages)) <b>BR Finisher:</b> 3,000-sheet stacker and 500-sheet top tray, 50-sheet multiposition stapling and 2/3-hole punching <b>BR Booklet Maker Finisher:</b> 1,500-sheet stacker and 500-sheet top tray, 50-sheet multiposition stapling and 2/3-hole punching plus saddle-stitch booklet making (2 to 16 sheets, 64 pages) and V-folding <b>C-Fold/Z-Fold Unit:</b> Adds Z-folding, Letter Z-folding and Letter C-folding to the BR Finisher and BR Booklet Maker Finisher <b>Convenience Stapler:</b> 50-sheet stapling, includes Work Surface <sup>5</sup>			
<b>INTUITIVE USER EXPERIENCE</b>					
Customize	Customize user interface, show/hide functions, personalize user experience with authentication, create 1-Touch Apps, auto wakeup with Smart Proximity Sensor.				
Print Drivers	Job Identification, Bi-directional Status, Job Monitoring, Xerox <sup>®</sup> Global Print Driver <sup>®</sup> , Application Defaults, Xerox <sup>®</sup> Pull Print Driver				
Xerox <sup>®</sup> Embedded Web Server	PC or Mobile — Status Information, Settings, Device Management, Cloning, Fleet Orchestrator, Configuration Watchdog, Remote Control Panel				
Print Features	Print from USB, Print from Cloud Repositories (Dropbox, One Drive and Google Drive), Sample Set, Saved Job, Booklet Creation, Store and Recall Driver Settings, Scaling, Job Monitoring, Application Control, Two-sided Printing, Draft Mode, Long Sheet (Banner) Printing				
Scan and Fax	Scan Preview, Scan to USB/Email/Network (FTP/SFTP/SMB), Scan To Cloud Repositories (Dropbox, One Drive and Google Drive) <sup>3</sup> , Scan File Formats: PDF, PDF/A, XPS, JPG, TIFF; Convenience Features: Scan to Home, Searchable PDF, Single/Multi-page PDF/XPS/TIFF, Password-protected PDF; Fax Features: Walk-up Fax (one-line or two-line options available, includes LAN Fax, Direct Fax, Fax Forward to Email), Fax dialing, Unified Address Book, Optical Character Recognition (OCR), Server Fax, TWAIN driver (scan)				
<b>MOBILE AND CLOUD READY</b>					
Mobile Connectivity	Near-Field Communication (NFC); <b>Optional:</b> Wi-Fi Direct, Wi-Fi (802.11 b/g/n/ac), AirPrint (iOS) including iBeacon (Bluetooth)				
Mobile Printing	AirPrint, Mopria <sup>®</sup> , Xerox <sup>®</sup> Print Service (Android), Google Cloud Print, @PrintByXerox; <b>Optional:</b> Xerox <sup>®</sup> Workplace Mobile App (iOS/Android)				
Mobile Scanning	AirPrint; <b>Optional:</b> Xerox <sup>®</sup> Workplace Mobile App (iOS/Android)				
Cloud Ready	Remote services enabled, native "Print From" and "Scan To" cloud repositories (Dropbox, One Drive and Google Drive), direct connection to cloud hosted services via optional apps (accessed via Xerox <sup>®</sup> App Gallery app or visit <a href="http://xerox.com/AppGallery">xerox.com/AppGallery</a> ).				
<b>COMPREHENSIVE SECURITY</b>					
Network Security	802.1x, IPsec, HTTPS, SFTP and Encrypted Email, McAfee <sup>®</sup> ePolicy Orchestrator <sup>2</sup> , McAfee Enterprise Security Manager <sup>4</sup> , LogRhythm SIEM <sup>4</sup> , Splunk SIEM <sup>4</sup> , Network Authentication, SNMPv3, SHA-256 Hash Message Authentication, TLS 1.1/1.2, Security Certificates utilizing ECDSA, Automatic Self-signed Certificate, Cisco <sup>®</sup> Identity Services Engine (ISE) integration, automated threat response through McAfee DXL/Cisco pxGrid integration, Local Authentication (Internal Database), FIPS 140-2				
Device Access	User Access and Internal Firewall, Port/IP/Domain Filtering, Audit Log, Access Controls, User Permissions, Configuration Watchdog, TPM; <b>Optional:</b> Smart Card Enablement Kit (CAC/PIV/NETS/SPRNet) <sup>4</sup> , Xerox <sup>®</sup> Integrated RFID Card Reader, NFC standard (authentication via optional Xerox <sup>®</sup> Workplace Cloud/Suite Print Management and Content Security; learn more at <a href="http://xerox.com/WorkplaceSolutions">xerox.com/WorkplaceSolutions</a> ).				
Data Protection	McAfee Embedded Control Whitelisting, Firmware Verification, Trusted Boot, Job Level Encryption via HTTPS and Drivers, Encrypted Storage Drive (AES 256-bit, FIPS 140-2), Encrypted and Signed Email; <b>Optional:</b> Xerox <sup>®</sup> Workplace Cloud/Suite Content Security, Encrypted Hard Disk (AES 256-bit, FIPS 140-2) with Image Overwrite, McAfee Integrity Control				
Document Security	Under evaluation Common Criteria Certification (ISO 15408) full system against the HCP PP, Encrypted Secure Print, FIPS 140-2 Encrypted Data with Print Drivers				
<b>ENABLES INTELLIGENT WORKPLACE SERVICES</b>					
Print Management	Xerox <sup>®</sup> Standard Accounting; <b>Optional:</b> Xerox <sup>®</sup> Workplace Suite/Cloud, Xerox <sup>®</sup> Virtual Print Management Service, more at <a href="http://xerox.com/PrintManagement">xerox.com/PrintManagement</a>				
Fleet / Device Management	Xerox <sup>®</sup> CentreWare <sup>®</sup> Web, Xerox <sup>®</sup> Support Assistant, Automated Meter Read, Xerox <sup>®</sup> Cloud Fleet Management Solution, Fleet Orchestrator, Configuration Cloning, Intelligent Workplace Services Tool Suite				
Security	Secure Device Management; Xerox <sup>®</sup> Printer Security Audit Service (auto-configuration of security settings, monitoring, and auto-remediation), Digital Certificate Management, SIEM Reporting, Interactive Dashboard Reports				
<b>GATEWAY TO NEW POSSIBILITIES</b>					
Xerox App Gallery	Automate everyday processes with apps that translate, redact, eSign, personalize print, convert, route, collaborate and communicate. Visit <a href="http://xerox.com/WorkplaceApps">xerox.com/WorkplaceApps</a> to find apps by industry or workflow. Software and services: Xerox <sup>®</sup> DocuShare <sup>®</sup> ( <a href="http://xerox.com/ecm">xerox.com/ecm</a> ), XMPie <sup>®</sup> ( <a href="http://xerox.com/XMPie">xerox.com/XMPie</a> ), Xerox <sup>®</sup> Workplace Solutions ( <a href="http://xerox.com/WorkplaceSolutions">xerox.com/WorkplaceSolutions</a> ).				

<sup>1</sup> Maximum volume capacity expected in any one month. Not expected to be sustained on a regular basis.

<sup>2</sup> Paper capacities are based on 20 lb. / 75 gsm stock; capacities will vary with different weight stocks

<sup>3</sup> Available post-launch via software update

<sup>4</sup> Not available in all geographies

<sup>5</sup> Sold separately in some geographies

Certifications: [xerox.com/OfficeCertifications](http://xerox.com/OfficeCertifications)

More information is available at [xerox.com/AltaLink](http://xerox.com/AltaLink).

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**xerox**™



Hi Brenda,

Thanks for taking my phone call today. For your needs I would definitely recommend these two Xerox units: The Xerox C7025 or the C8135 (a new unit that replaced the C8030 last week).

Specs:

C7025TM2 4 trays 25 copies/min in BW and Color, copy, print, scan 8 1/2 x 11, 8 1/2 x 14, 11 x 17 are standard, finisher/stapler

Dual sided scanning (two sides at once)

Scanning can be personalized for 1 touch scanning

Cloud ready for and cloud storage options

Full array for APPS available to customize your copying and scanning options

Xerox Color and Reliability

Price \$4,664.25

Finisher \$ 784.00

PLUS Trade-in of old Xerox Unit \$300.00

Service \$10/mo includes all service calls (parts and labor)

BW Copies @ \$.0085

Color Copies @ \$.059

Includes ALL supplies except paper

C8135H2 4 trays 35 copies/min in BW and Color copy, print, scan 8 1/2 x 11, 8 1/2 x 14, 11 x 17 are standard, longer paper trays are optional, finisher/stapler

Dual sided scanning (two sides at once)

Scanned documents at 279 images per minute !! (double sided)

Scanning can be personalized for 1 touch scanning

Cloud ready for and cloud storage options

Full array for APPS available to customize your copying and scanning options

Xerox Color and Reliability

Price \$4,964.25

Finisher \$ 684.00

PLUS Trade-in of old Xerox Unit \$300.00

Service \$10/mo includes all service calls (parts and labor)

BW Copies @ \$.0079

Color Copies @ \$.057

Includes ALL supplies except paper

Brenda, I hope you find these prices attractive. If you have any questions, please don't hesitate to contact me.

Thanks and Good Luck with your procedure.

Regards,

Paul Q

# XEROX® VERSALINK® COLOR MULTIFUNCTION PRINTER

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Reliable. Connected. Business Ready.

C7020/C7025/C7030



ConnectKey®  
Technology

xerox 

# Xerox® Versalink® C7020/C7025/C7030 Color Multifunction Printer

The Xerox® ConnectKey® Technology-enabled Versalink C7000 Series Color Multifunction Printer offers flawless reliability, seamless integration and advanced productivity. Cloud connected, mobile ready, app-enabled, and easy to personalize, the C7000 Series is your modern workplace assistant—helping you excel today and stay ready for the future.

## FLAWLESS RELIABILITY.

Right out of the box, you'll count on your Xerox® Versalink C7000 Series Color Multifunction Printer to consistently and flawlessly perform the tasks that make your business work more efficiently. From IT-free installation wizards, to step-by-step configuration options, you're ready to go—hassle free.

Designed for superior reliability, the Versalink C7000 Series features a new hardware design with fewer moving parts, strengthened paper-path components, and an advanced imaging system.

Versalink devices are loaded with features and time-saving Xerox® technologies designed to speed up information sharing and reduce inefficient workflows. Ensure information accuracy with Scan and Fax preview, easily archive, organize and search with scanned documents with built-in optical character recognition (OCR).

When it comes to safeguarding critical information, Versalink devices deliver a spectrum of stringent security features, including Secure Print and card authentication to control access.

Count on superior print quality to make your work look its best. A print resolution of up to 1200 x 2400 dpi delivers sharp text and fine line detail, plus exceptional color vibrancy, solid fills and skin tones.

## CLOUD CONNECTED.

### PERSONALIZED EFFICIENCY.

With the Versalink C7000 Series Color Multifunction Printer's oversize, customizable 7-inch color touchscreen, you can tap, swipe and pinch your way through tasks and functions with mobile-like ease.

Preloaded Xerox® ConnectKey® Apps help optimize office efficiency, and on-screen access to the extensive Xerox App Gallery provides expanded functionality—like the Xerox® Easy Translator Service app, which quickly translates scanned documents into numerous languages.

Speed through tasks by saving common settings as presets for simple, single-touch job setup. With Simple ID, individual users and groups enter a user ID and password once, and then enjoy fast, secure, easy access to task-specific presets and commonly used apps on a personalized home screen.

### READY FOR THE WAY YOU WORK.

The Versalink C7000 Series gives you the freedom to work where and how you want—with out-of-the-box connectivity to Google Drive™, Microsoft® OneDrive® and Dropbox™, and access to additional options through the Xerox App Gallery.

The ability to connect and print from multiple devices is key for today's worker, and Versalink devices meet the challenge with Apple® AirPrint®, Google Cloud Print™, Xerox® Print Service Plug-in for Android™, Near Field Communication (NFC) Tap-to-Pair and Mopria®, plus optional Wi-Fi and Wi-Fi Direct.

Learn more about why Xerox is the only choice for today's mobile professionals by visiting [www.xerox.com/mobile](http://www.xerox.com/mobile).

To learn more about Versalink device features, go to [www.xerox.com/VersalinkEG](http://www.xerox.com/VersalinkEG)

## XEROX® CONNECTKEY® OF YOUR COMPLETE PRODUCTIVITY ECOSYSTEM

From Xerox—the company that created the modern workplace—we present the next revolution in workplace productivity. With a consistent user experience across a wide range of devices, mobile and cloud connectivity and a growing library of apps to expand functionality, you'll work faster, better and smarter.

**Intuitive User Experience**  
An entirely new—and yet entirely familiar way to interact that includes a tablet-like experience, with gesture-based touchscreen controls and easy customization.

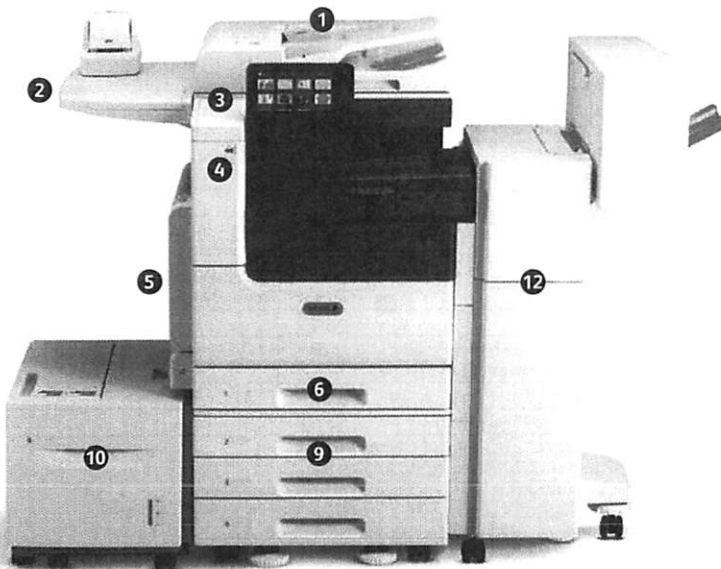
**Mobile and Cloud Ready**  
Instant connectivity to cloud and mobile devices right from the user interface, with access to pre-loaded, cloud-hosted services that let you work where, when and how you want.

**Benchmark Security**  
Full multi-level protection for both documents and data, ready to guard against and eliminate emerging threats and meet or exceed regulatory compliance.

**Enables Next Generation Services**  
Work more efficiently and manage resources more effectively. Easy integration of Xerox® Managed Print Services enables remote monitoring of service delivery and consumables.

**Gateway to New Possibilities**  
Instantly extend your capabilities with access to the Xerox App Gallery, featuring real-world apps designed to optimize digital workflows. Customization via network of partners to design innovative, business-specific solutions.

Find out more about how you'll work smarter at [www.connectkey.com](http://www.connectkey.com).



- 1 A 110-sheet Duplex Automatic Document Feeder (DADF) scans two-sided black-and-white or color originals for copy, scan and fax jobs.
- 2 Optional Convenience Stapler and Work Surface.
- 3 Card Reader Bay with embedded USB port.<sup>1</sup>
- 4 An easily accessible USB port<sup>1</sup> allows users to quickly print from or scan to any standard USB memory device.
- 5 The 100-sheet Bypass Tray handles media sizes from 3.5 x 3.87 in. to 11.69 x 17 in./88.9 x 98.4 mm to 297 x 431.8 mm.
- 6 The standard 520-sheet Tray 1 handles media sizes from 5.5 x 7.17 in. to 11.69 x 17 in./139.7 x 182 mm to 297 x 431.8 mm.

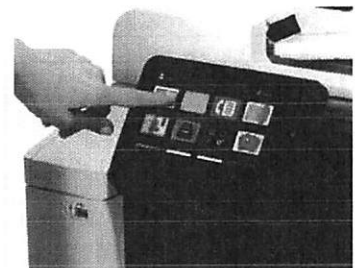
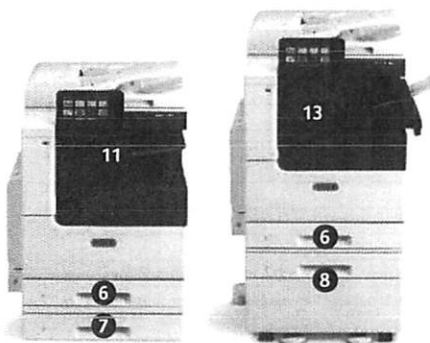
<sup>1</sup> USB ports can be disabled.

#### MULTIPLE PAPER TRAY OPTIONS TO FIT EVERY NEED:

- 7 Add the Single Tray Module to the Desktop model to increase the total paper capacity to 1,140 sheets (includes Bypass Tray).
- 8 Choose the Single Tray with Stand Module to increase the total paper capacity to 1,140 sheets (includes Bypass Tray) and provides storage for toner cartridges and other supplies.
- 9 Choose the Three Tray Module increases the total paper capacity to 2,180 sheets (includes Bypass Tray). Or choose the optional High-Capacity Tandem Tray Module (not shown) allows for a total paper capacity of up to 3,140 sheets (includes Bypass Tray).
- 10 The optional High-Capacity Feeder holds 2,000 sheets of letter/A4 paper, increasing the maximum paper capacity to 5,140 sheets.

#### ADD INCREASED VERSATILITY WITH FINISHING OPTIONS:

- 11 The Dual Catch Trays (optional with Desktop model) stack up to 250 sheets each, lower tray offsets.
- 12 The optional Office Finisher LX gives you advanced finishing functions at a great value and offers optional booklet making (score, saddle-stitch).
- 13 The optional Integrated Office Finisher provides 500-sheet stacking and 50-sheet, single-position stapling.



#### INTRODUCING TOUCHSCREEN SUPERIORITY

Meet our all-new, 7-inch color touchscreen—the user interface that sets a higher standard for customization, personalization and versatility.

By presenting a familiar “mobile” experience—with support for gestural input and task-focused apps that share a common look and feel—fewer steps are needed to complete even the most complex jobs.

A highly intuitive layout guides you through every task from start to finish, with a natural hierarchy placing critical functions near the top of the screen and commonly used options front and center. Don't like where a function or app is located? Customize the layout to make it yours.

This unmatched balance of hardware technology and software capability helps everyone who interacts with the VersaLink® C7000 Series Color Multifunction Printer get more work done, faster.

# Xerox® VersaLink® C7020/C7025/C7030



The VersaLink C7020/C7025/C7030 Color Multifunction Printer is built on Xerox® ConnectKey® Technology. For more information, visit [www.connectkey.com](http://www.connectkey.com).

DEVICE SPECIFICATIONS		VersaLink C7020	VersaLink C7025	VersaLink C7030
Speed		Up to 20 ppm	Up to 25 ppm	Up to 30 ppm
Monthly Duty Cycle <sup>1</sup>		Up to 87,000 pages	Up to 107,000 pages	Up to 129,000 pages
Hard Drive/Processor/Memory		320 GB HDD <sup>2</sup> /1.05 GHz Dual-core/4 GB memory		
Connectivity		Ethernet 10/100/1000 Base-T, High-speed USB 3.0, Wi-Fi <sup>3</sup> and Wi-Fi Direct <sup>®</sup> with optional Wi-Fi Kit, NFC Tap-to-Pair		
Controller Features		Unified Address Book, Configuration Cloning, Scan Preview, Xerox Extensible Interface Platform <sup>®</sup> , Xerox App Gallery, Xerox <sup>®</sup> Standard Accounting Tool, Role Based Permissions, Convenience Authentication Enabled, Online Support		
Copy and Print	Resolution	<b>Copy:</b> Up to 600 x 600 dpi; <b>Print:</b> Up to 1200 x 2400 dpi		
First-copy-out Time (as fast as)		As fast as 9.0 seconds color/6.9 seconds black-and-white		As fast as 7.2 seconds color/ 5.8 seconds black-and-white
First-print-out Time		As fast as 9.4 seconds color/7.2 seconds black-and-white	As fast as 9.4 seconds color/ 7.1 seconds black-and-white	As fast as 7.3 seconds color/ 5.6 seconds black-and-white
Page Description Languages		PCL <sup>®</sup> 5e/PCL 6/PDF/XPS/TIFF/JPEG/HP-GL/optional Adobe <sup>®</sup> PostScript <sup>®</sup> 3™		
Paper Input	Standard	<b>Duplex Automatic Document Feeder (DADF):</b> 110 sheets; Speed: up to 55 ipm; Custom sizes (duplex): 4.92 x 4.33 in. to 11.69 x 17 in./125 x 110 mm to 297 x 431.8 mm; Custom sizes (simplex): 4.92 x 3.35 in. to 11.69 x 17 in./125 x 85 mm to 297 x 431.8 mm		
		<b>Bypass Tray:</b> 100 sheets; Custom sizes: 3.5 x 3.87 in. to 11.69 x 17 in./88.9 x 98.4 mm to 297 x 431.8 mm		
		<b>Tray 1:</b> 520 sheets; Custom sizes: 5.5 x 7.17 in. to 11.69 x 17 in./139.7 x 182 mm to 297 x 431.8 mm		
	Choose One	<b>Single Tray Module:</b> 520 sheets; Custom sizes: 5.5 x 7.17 in. to 11.69 x 17 in./139.7 x 182 mm to 297 x 431.8 mm <b>Single Tray with Stand:</b> 520 sheets; Custom sizes: 5.5 x 7.17 in. to 11.69 x 17 in./139.7 x 182 mm to 297 x 431.8 mm <b>Three Tray Module</b> (1,560 sheets): 520 sheets each; Custom sizes: 5.5 x 7.17 in. to 11.69 x 17 in./139.7 x 182 mm to 297 x 431.8 mm <b>High-Capacity Tandem Tray</b> (2,520 sheets): Tray 2: 520 sheets; Custom sizes: 5.5 x 7.17 in. to 11.69 x 17 in./139.7 x 182 mm to 297 x 431.8 mm; Tray 3: 870 sheets; Standard sizes: 8.5 x 11 in. and 7.25 x 10.5 in./A4 or B5; Tray 4: 1,130 sheets; Standard sizes: 8.5 x 11 in. and 7.25 x 10.5 in./A4 or B5		
	Optional	<b>Envelope Tray:</b> Up to 60 envelopes: #10 commercial, Monarch, DL, C5; Custom sizes: 3.9 x 5.8 in. to 6.4 x 9.5 in./98 x 148 mm to 162 x 241 mm <b>High-Capacity Feeder (HCF):</b> 2,000 sheets; Standard sizes: 8.5 x 11 in. and 7.25 x 10.5 in./A4 or B5		
Paper Output/ Finishing	Standard	<b>Dual Catch Tray<sup>2</sup>:</b> 250 sheets each; Lower tray offsets		
	Optional	<b>Integrated Office Finisher:</b> 500-sheet stacker, 50 sheets stapled, single-position stapling <b>Office Finisher LX:</b> 2,000-sheet stacker, 50 sheets stapled, 3-position stapling, optional hole-punch, optional booklet maker (score, saddle stitch) <b>Convenience Stapler and Work Surface:</b> Staples 50 sheets		
INTUITIVE USER EXPERIENCE				
Customize and Personalize		Walkup customization, Personalize Home Screen by User, Multiple Home Screens with Simple ID, Customize by Site, Function or Workflow with Xerox App Gallery and Xerox <sup>®</sup> App Studio		
Print Drivers		Job Identification, Bi-directional Status, Job Monitoring, Xerox <sup>®</sup> Global Print Driver <sup>®</sup> and Mobile Express Driver <sup>®</sup>		
Embedded Web Server		PC or mobile—Status Information, Responsive Design, Settings, Device Management, Cloning		
Preview		Preview of Scan/Fax with Zoom, Rotate, Add Page		
Print Features		Print from USB, Secure Print, Sample Set, Personal Print, Saved Job, Xerox <sup>®</sup> Earth Smart Driver Settings, Job Identification, Booklet Creation, Store and Recall Driver Settings, Bi-directional Real-time Status, Scaling, Job Monitoring, Application Defaults, Two-sided Printing (as default), Skip Blank Pages, Draft Mode		
Scan		Optical Character Recognition (OCR), Scan to USB/Email/Network (FTP/SMB), Scan File Formats: PDF, PDF/A, XPS, JPEG, TIFF; Convenience Features: Scan to Home, Searchable PDF, Single/Multi-Page PDF/XPS/TIFF/Password Protected PDF		
Fax		Optional Walk-up Fax (one-line or three-line options available, includes LAN Fax, Direct Fax, Fax Forward to Email), optional Fax Over IP		
MOBILE AND CLOUD READY				
Mobile Printing		Apple <sup>®</sup> AirPrint <sup>®</sup> , Google Cloud Print™ Ready, Xerox <sup>®</sup> Print Service and Mopria <sup>®</sup> Print Service Plug-ins for Android™		
Mobility Options		@PrintByXerox <sup>®</sup> , Xerox <sup>®</sup> Mobile Print and Mobile Print Cloud <sup>®</sup> , Connect via NFC/Wi-Fi Direct Printing <sup>®</sup> , Xerox <sup>®</sup> Mobile Link App <sup>®</sup> . Visit <a href="http://www.xerox.com/officemobileapps">www.xerox.com/officemobileapps</a> for available apps.		
Cloud Connectors <sup>3</sup>		Print from/Scan to Google Drive™, Microsoft <sup>®</sup> OneDrive <sup>®</sup> , Dropbox™, Microsoft Office 365 <sup>®</sup> , Box <sup>®</sup> , Xerox <sup>®</sup> DocuShare <sup>®</sup> Platform and more		
BENCHMARK SECURITY				
Network Security		IPsec, HTTPS, encrypted email, Network Authentication, SNMPv3, SSL/TLS, Security Certificates, Automatic Self-Signed Certificate		
Device Access		Firmware Verification, User access and internal firewall, Port/IP/Domain Filtering, Audit Log, Access Controls, User Permissions, Smart Card Enabled (CAC/PIV.NET), Integrated Card Reader Bay		
Data Protection		Setup/Security Wizards, Job Level Encryption via HTTPS/IPPS submission, Encrypted hard disk (AES 256-bit, FIPS 140-2) and image overwrite, Common Criteria Certification (ISO 15408) (undergoing evaluation)		
Document Security		Secure Print, Secure Fax, Secure Scan, Secure Email, Password Protected PDF		
ENABLES NEXT GENERATION SERVICES				
Print Management		Xerox <sup>®</sup> Print Management and Mobility Suite <sup>®</sup> , Configuration Cloning, Xerox <sup>®</sup> Standard Accounting Tool, Equitrac <sup>®</sup> , Y Soft <sup>®</sup> and more		
Managing Print		Xerox <sup>®</sup> Device Manager, Support Assistance, Auto Meter Read, Managed Print Services tools		
Sustainability		Cisco EnergyWise <sup>®</sup> , Earth Smart Printing, Print User ID on margins		
GATEWAY TO NEW POSSIBILITIES				
Cloud Services		Xerox <sup>®</sup> Easy Translator <sup>®</sup> , Xerox <sup>®</sup> Healthcare MFP Solution (U.S. only) <sup>®</sup> , many additional services available		
Xerox App Gallery		Many apps and cloud services available. Visit <a href="http://www.xerox.com/appgallery">www.xerox.com/appgallery</a> for a growing selection of Xerox <sup>®</sup> apps available for adding functions.		

<sup>1</sup> Maximum volume capacity expected in any one month. Not expected to be sustained on a regular basis; <sup>2</sup> HDD and Dual Catch Tray are optional on Desktop model; <sup>3</sup> Free optional download from Xerox App Gallery to the Printer—[www.xerox.com/xeroxappgallery](http://www.xerox.com/xeroxappgallery). \* Purchased option. † Visit [www.apple.com](http://www.apple.com) for AirPrint Certification list.

For more detailed specifications, go to [www.xerox.com/VersaLinkC7000Specs](http://www.xerox.com/VersaLinkC7000Specs).

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**1-888-422-4343**

*Dave's cell: 617/699-7298*

*Kris' cell: 508/654-0322*

## PRICE QUOTE

July 30, 2020

Quote #: 073020-KB

### North East Shoring Corp., Inc.

184 South Washington St, Norton MA 02766

ph: 508/376-4343 fax: 508/376-9600

www.northeastshoring.com

Phone: 978-597-2212

Fax:

Cell: 978-502-0898

email: watertech@townsend.ma.us

Company: Townsend Water Department

Street: 540 Main Street

City: West Townsend, MA 01474

Attention: Ryan LaPierre

Salesperson: Kris / House

F.O.B. Point: Norton, MA

Terms: Net 30 w/PO

Qty	Description (Height x Length x Width)	Weight	C-Soil	Price
	4x8 Road Plate, Each	50.00		150.00
	8x8 Road Plate	80.00		240.00
	8x10 Road Plate	100.00		300.00
	8x12 Road Plate	120.00		360.00
	8x16 Road Plate	160.00		480.00
	8x20 Road Plate	200.00		600.00

Delivery & Pick Up \$425 Each Run

8x12 A36 1" Steel Road Plate, Purchase 2,575.00

#### NOTES:

Pricing does not include sales tax, tax exempt with certificate.

Monthly rental pricing offers the fourth week for free.

Pick up is available at our yard in Norton, MA if you are able.

Thank you for the opportunity to quote!

Due to extreme market volatility all prices, lead times, and availability are subject to change without notice. Trench Box & Road Plate Pricing is valid on day of quote only. Trucking estimate includes 1/2 hour loading and unloading time. Customer may be charged at the rate of \$125 per hour if exceeded.



Bedford Lock & Key, LLC

44A North Road  
Bedford, MA 01730  
PH: 781-275-1597  
FX: 781-275-1511

3.6  
**Estimate**

Date	Estimate #
8/19/2020	081820

Name / Address
Town of Townsend - Water Department 540 Main Street West Townsend, MA 01469


			Project
Description	Qty	Cost	Total
install and rekey lock to fit key system this requires changing out 6 new knob and rekeying the remaining locks and servicing all door hardware	1	1,500.00	1,500.00
		<b>Total</b>	\$1,500.00

Customer Signature \_\_\_\_\_






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3.7

## Estimate from Hydra Tech, Inc.

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Hydra Tech, Inc. <lorirauktis@hydrattechwater.com>

>

Tue 8/25/2020 3:46 PM

To: Water

estimate\_20203947.pdf

134 KB

Dear Ryan:

Thank you for giving us an opportunity to take care of your service needs.

Below is a summary and attached (with additional terms and conditions) is your estimate for the services you requested. Should you have any questions or concerns, please feel free to call us at (978) 422-9001

Description	Qty	Unit Cost	Total
Materials	12.00	\$175.00	\$2,100.00
SS gate nuts with hardware for gate nut replacements - materials only			

\*\*\* emergency nuts or custom are additional

We look forward to working with you on this project!

Terms & Conditions

### Terms of Service: Standard Terms & Conditions

\*For all tapping jobs, please note that if trench is not safe and secure (including trench box when required as per OSHA Standards) by scheduled time, stand-by fees will be additional and start accruing \*Unless otherwise stated the above estimate is for (1)Work performed during daytime business hours (prevailing wage/nighttime hours are different) (2)Any deviation from above become an extra charge (3)Freight/shipping costs not included on materials (4) Prices listed do not include costs for any unforeseen complications/issues that may arise \* Reports not issued until paid in full

\* If Hydra Tech provides materials, we cannot exceed the manufacturers' guarantee of material performance or warranties. We install all materials as per manufacturers specified procedures.

\* Workmanship warranty of 1 year

\*Payment terms as stated on invoice-NO RETAINAGE (check or credit card due onsite at time of services unless prior authorization received from Hydra Tech, Inc. management)

\*Major credit cards accepted as payment on invoices up to \$20,000, however, payments made with a credit card will incur a 5% processing fee in addition to the invoice total.

\*All agreements contingent upon strikes, accidents, or delays beyond our control

\*Customer is responsible for all costs, including attorneys' fee and expenses, incurred by Hydra Tech in recovering past due balance (in addition to finance/interest charges allowed by state)

\*If check returned unpaid for insufficient funds, bounced check fee of \$35 may be added to total due

\*All materials and/or equipment property of Hydra Tech, Inc. until paid in full

\*Unless otherwise noted 1/2 day rates include up to 4 hours portal to portal, full day rates apply over 4 hours

\* All pricing assumes order of magnitude (meaning the entire estimate is approved at the same time), if not prices subject to change

\* Past due balances subject to finance fees allowed per state law

\* All sales are FINAL



# HYDRA TECH

## FIRE HYDRANT & WATER MAIN SERVICES

PO Box 215, 149 Plains Junction Rd  
Westport, MA 01564  
(410) 877-9001,  
info@hydratechwater.com

3.7.  
**Estima**

**ESTIMATE #**

20203947

**DATE**

08/25/2020

### CUSTOMER

Townsend Water Department  
Ryan Lapierre  
Billing Clerk 540 Main St  
West Townsend, MA, 01474  
(978) 877-3224  
water@townsendwater.org

### SERVICE LOCATION

Gate Nut replacements  
Various  
Townsend, MA,

### Description

#### Materials

SS gate nuts with hardware for gate nut replacements -  
materials only

\*\*\* emergency nuts or custom are additional

**Qty**

**Rate**

**T**

12.00

\$175.00

\$2,10

### CUSTOMER MESSAGE

We look forward to working with you on this project!

**Estimate  
Total:**

**TO BE DETERMINED BASED ON FI  
QTY/OPTIONS SELEC**

3.7

**Terms of Service:**

**Standard Terms & Conditions**

\*For all tapping jobs, please note that if trench is not safe and secure (including trench box when required as per OSHA Standards) by scheduled time, stand-by fees will be additional and start accruing \*Unless otherwise stated the above estimate is for (1)Work performed during daytime business hours (prevailing wage/nighttime hours are different) (2)Any deviation from above become an extra charge (3)Freight/shipping costs not included on materials (4) Prices listed do not include costs for any unforeseen complications/issues that may arise  
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\* Past due balances subject to finance fees allowed per state law

\* All sales are FINAL

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3.7

## Estimate from Hydra Tech, Inc.



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Hydra Tech, Inc. <lorirauktis@hydrattechwater.com>



Tue 8/25/2020 3:45 PM  
To: Water

estimate\_20203946.pdf

134 KB

Dear Ryan:

Thank you for giving us an opportunity to take care of your service needs.

Below is a summary and attached (with additional terms and conditions) is your estimate for the services you requested. Should you have any questions or concerns, please feel free to call us at (978) 422-9001

Description	Qty	Unit Cost	Total
Gate Nut Replacement	1.00	\$3,750.00	\$3,750.00
Broken/Rounded gate nut replacement.			
Day rate labor only.			

We look forward to working with you on this project!

### Terms & Conditions

#### Terms of Service: Standard Terms & Conditions

\*For all tapping jobs, please note that if trench is not safe and secure (including trench box when required as per OSHA Standards) by scheduled time, stand-by fees will be additional and start accruing \*Unless otherwise stated the above estimate is for (1)Work performed during daytime business hours (prevailing wage/nighttime hours are different) (2)Any deviation from above become an extra charge (3)Freight/shipping costs not included on materials (4) Prices listed do not include costs for any unforeseen complications/issues that may arise \* Reports not issued until paid in full

\* If Hydra Tech provides materials, we cannot exceed the manufacturers' guarantee of material performance or warranties. We install all materials as per manufacturers specified procedures.

\* Workmanship warranty of 1 year

\*Payment terms as stated on invoice-NO RETAINAGE (check or credit card due onsite at time of services unless prior authorization received from Hydra Tech, Inc. management)

\*Major credit cards accepted as payment on invoices up to \$20,000, however, payments made with a credit card will incur a 5% processing fee in addition to the invoice total.

\*All agreements contingent upon strikes, accidents, or delays beyond our control

\*Customer is responsible for all costs, including attorneys' fee and expenses, incurred by Hydra Tech in recovering past due balance (in addition to finance/interest charges allowed by state)

\*If check returned unpaid for insufficient funds, bounced check fee of \$35 may be added to total due

\*All materials and/or equipment property of Hydra Tech, Inc. until paid in full

\*Unless otherwise noted 1/2 day rates include up to 4 hours portal to portal, full day rates apply over 4 hours

\* All pricing assumes order of magnitude (meaning the entire estimate is approved at the same time), if not prices subject to change

\* Past due balances subject to finance fees allowed per state law

\* All sales are FINAL

Thank You,



# HYDRA TECH

FIRE HYDRANT & WATER MAIN SERVICES

100 Main St. Townsend, MA 01469  
(978) 877-9001  
info@hydra-techwater.com

3-7 **Estima**

**ESTIMATE #**

20203946

**DATE**

08/25/2020

**CUSTOMER**

Townsend Water Department  
Ryan Lapierre  
Billing Clerk 540 Main St  
West Townsend, MA, 01474  
(978) 877-3224  
water@townsendwater.org

**SERVICE LOCATION**

Gate Nut replacements  
Various  
Townsend, MA,

**Description**

**Qty**

**Rate**

**1**

**Gate Nut Replacement**

1.00

\$3,750.00

\$3,75

Broken/Rounded gate nut replacement. Day rate labor only.

**CUSTOMER MESSAGE**

We look forward to working with you on this project!

**Estimate  
Total:**

**TO BE DETERMINED BASED ON FI  
QTY/OPTIONS SELEC**



3.7

**Terms of Service:**

**Standard Terms & Conditions**

\*For all tapping jobs, please note that if trench is not safe and secure (including trench box when required as per OSHA Standards) by scheduled time, stand-by fees will be additional and start accruing \*Unless otherwise stated the above estimate is for (1)Work performed during daytime business hours (prevailing wage/nighttime hours are different) (2)Any deviation from above become an extra charge (3)Freight/shipping costs not included on materials (4) Prices listed do not include costs for any unforeseen complications/issues that may arise  
\* Reports not issued until paid in full

\* If Hydra Tech provides materials, we cannot exceed the manufacturers' guarantee of material performance or warranties. We install all materials as per manufacturers specified procedures.

\* Workmanship warranty of 1 year

\*Payment terms as stated on invoice-NO RETAINAGE (check or credit card due onsite at time of services unless prior authorization received from Hydra Tech, Inc. management)

\*Major credit cards accepted as payment on invoices up to \$20,000, however, payments made with a credit card will incur a 5% processing fee in addition to the invoice total.

\*All agreements contingent upon strikes, accidents, or delays beyond our control

\*Customer is responsible for all costs, including attorneys' fee and expenses, incurred by Hydra Tech in recovering past due balance (in addition to finance/interest charges allowed by state)

\*If check returned unpaid for insufficient funds, bounced check fee of \$35 may be added to total due

\*All materials and/or equipment property of Hydra Tech, Inc. until paid in full

\*Unless otherwise noted 1/2 day rates include up to 4 hours portal to portal, full day rates apply over 4 hours

\* All pricing assumes order of magnitude (meaning the entire estimate is approved at the same time), if not prices subject to change

\* Past due balances subject to finance fees allowed per state law

\* All sales are FINAL

# Leak Detection Survey Proposal

5.4

**Date** 07/02/2020  
**Estimate** 20203809

Townsend Water Department  
Ryan Lapierre  
Billing Clerk 540 Main St  
West Townsend, MA, 01474  
(978) 877-3224  
watertech@townsend.ma.us

Survey performed by:



PO Box 256 180 Pratts Junction Rd  
Sterling MA 01564  
(978) 422-9001.  
Lon@hydratechwater.com

# Leak Detection Survey Proposal

5.6

Townsend Water Department  
Ryan Lapierre  
Billing Clerk 540 Main St  
West Townsend, MA, 01474

Dear Ryan Lapierre,

We are pleased to submit a proposal to provide a leak detection survey to Townsend Water Department.

## **EQUIPMENT**

For a typical survey, we employ the subsurface LD-12 and LD-18 acoustic leak locators and the ADS Eureka Model 2R Real Time Correlator, the latest advance in leak location technology, will be used as needed at no additional charge.

## **INSURANCE**

Hydra Tech, Inc. is fully insured with general liability, worker's compensation and auto liability. Insurance certificates will be sent as requested.

## **SURVEY METHODS**

1. Use sensitive electronic amplifiers and microphones to detect audio frequencies created by underground leakage.
2. Apply a direct contact microphone to available hydrants, gate valves, and selected curb stops establishing a pattern of listening points so that the distance between points is 400 feet or less.
3. For A.C. and PVC mains, apply a ground microphone over the main at eight to ten foot intervals with attention to known main tie ins, bends and service taps. In unpaved areas, establish a pattern of listening points to give optimum coverage.

4. Pinpoint location of all leak indications, applyomg the leak noise correlator where needed.
5. For service line leaks, determine which side of stop leak is on by turning off stop with the assistance of a water department employee.
6. Prepare individual leak reports in triplicate with a description of the location, an estimate of leakage, and information on leak type, pipe size and material.
7. Prepare weekly summary reports giving daily, weekly and to-date totals for hours, miles covered, leaks found and estimated loss.
8. Whenever the client repairs a eak during the progress of the survey, the immediate area will be rechecked for further leakage.
9. At the conclusion of fieldwork, prepare a final report with description of survey methods, the original recordings of leak reports, a summary of results and analysis of findings.

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## **FEE PROPOSAL**

Hydra Tech will perform the leak detection survey as specified for the rate per mile, for

<b>Qty</b>	<b>Rate</b>	<b>Total</b>
50.00	\$212.50	\$10,625.00

Box cleaning will be \$50.00 per gate if needed. In addition, any recheck work will be billed at \$250.00 per hour portal to portal unless repairs are made while survey is being performed. The leak detection survey will be performed on pipe throughout the Townsend Water Department.

If you have any questions regarding this proposal please feel free to contact us at (978) 422-9001. We appreciate the opportunity to service your community's needs. If you want to accept this proposal, please click the online acceptance link in your email or sign and return this proposal.

Sincerely,  
Donal Smith, Jr  
President

**ACCEPTED BY (NAME):**

**ACCEPTED BY (TITLE):**

**ACCEPTED ON (DATE):**

**ESTIMATE 20203809**

Date: 7-15-20

Townsend Water Dept.

Ryan Lapierre

From: Alan Banks Cell Phone 508-868-6300

Terms = Net 30

Pricing firm to 9-1-20

### Quotation for Water Leak Survey- Full System with optional overnight logging of clusters

We are pleased to quote the Townsend Water System for the following services:

A digital and acoustic Leak Detection Survey for approximately **50 miles** of Water Mains, Valves, and Hydrants in the Townsend, Mass water distribution system. All work will be done under the inspection and approval of the Water department and its personnel. The latest acoustic and digital leak detection equipment will be used by our employees including as many as two digital leak correlators which will be used in high traffic areas and especially on non-metallic piping sections. We may also deploy remote logger devices which will listen robotically to certain sensitive areas during the morning hours and report vital noise information that can be used for correlation instruments. The survey will consist of traveling over the entire length of water mains in the system. All hydrants will be contacted, and all gate boxes and services boxes will also be contacted (from the outside) whenever visible or needed for accuracy or inspection. All leaks found will be pinpointed in conjunction with Electronic Correlators, both real-time and logging equipment. Wherever and whenever possible maps of the system to be tested must be supplied to our employees on an as needed basis. We will provide immediate reports if any critical leaks are found and will provide communication at the end of each day if any leaks were found that day so that district personnel can act on same. Water main leaks will be identified and pinpointed in this survey when possible. Services that are leaking will be identified but not pinpointed unless directed to do so by authorized personnel. Pinpointing service leaks is a separate function and requires additional charges which may fall on the water service owner. We will not enter private property unless directed or accompanied by **authorized** personnel.

As the survey progresses we will provide the district with a preliminary list of locations that we find need further scrutiny and focus by the district's personnel. These locations usually are comprised of Hydrants that have not been shut down properly or other areas where noise is present but caused by non-water utilities, such as gas mains or sewer flow points. Any potential leak areas will be investigated with the presence of **City** personnel to qualify or disqualify these sounds as candidates of further investigation.

Upon completion of the survey a detailed list of all leaks and their approximate sizes as well as a chart of approximate saved operating expenses will be presented along with our invoice which will list charges on a per mile basis. We will provide the necessary manpower to complete the survey in a reasonable time period of not more than 30 days (weather permitting). Several people will be involved with the survey. At no time will there be less than two of our personnel working in the Water System service area and there may be as many as 4 at one time. A list of people and vehicle registration numbers will be provided to the district office prior to any work being done and we will contact local police and notify them of vehicle presence. With your approval we may also request to perform the survey on weekend days or nights as needed. Invoices and reports will be presented upon the completion of the system.

Vehicles parked in the system area will be clearly marked with our company name and service description and traffic cones and informative signs will be deployed whenever our technicians are present in the city. Our personnel will be equipped with cell phones, gps and ANSI approved safety vests with our company name prominently displayed. Oversight by district personnel for line location and area background is welcome at any time but is not necessary. We will require a meeting with designated personnel to provide us with any maps and other useful information prior to our beginning the survey. It may be necessary to have the cooperation of district personnel to localize any leaks found by opening valve and/or service boxes to gain more direct access. This will be done only after consultation with your authorized personnel. Our typical productivity is approximately 25 miles per day on a comparable system with similar piping materials.

#### References;

Worcester Water Dept. Mike Daigneault, Asst Supt of Public Works

Tewksbury Water Dept. Bob Belida, supt and field contact 978 640 4440

Weston Water Dept. Dave Fava, supt and field contact 781 786 5175

New Bedford Water Dept. Ymane Gillotti-Supt of Dept. of Infrastructure 508-979-1603

Shrewsbury Water Dept., Paul Gallagher, Foreman 508 841 8506

Cost of Survey and Detection - **Total of complete survey \$6,500.00**

Date: 7-15-20
Townsend Water Dept.
Ryan Lapierre

From: Alan Banks Cell Phone 508-868-6300
Terms = Net 30
Pricing firm to 9-1-20

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New Bedford Water Dept. Ymane Gillotti-Supt of Dept. of Infrastructure 508-979-1603
Shrewsbury Water Dept., Paul Gallagher, Foreman 508 841 8506
Cost of Survey and Detection - <b>Total of complete survey \$6,500.00</b>



6.4

**FISCAL YEAR 21 SUMMARY**  
**TOWNSEND WATER DEPARTMENT - ACCOUNTS RECEIVABLE**  
**August 31, 2020**

UNCOLLECTED FROM JUNE 30, 2020

93,833.10

<b>CHARGED</b>	<b>07/01/20</b>	<b>08/31/20</b>	<b>8/31/2020</b>	<b>Previous Balance</b>	<b>Total</b>
USER CHARGES			2,042.68	259,828.68	261,871.36
SERVICE CHARGES			700.00	6,706.46	7,406.46
CONNECTION CHARGES			0.00	4,000.00	4,000.00
LATE CHARGES			2,233.35	1,409.76	3,643.11
BACKFLOW			0.00	0.00	0.00
SUBTOTAL			<b>4,976.03</b>		
TOTAL CHARGES					<b>276,920.93</b>
					<b>370,754.03</b>

<b>RECEIVED</b>	<b>07/01/20</b>	<b>08/31/20</b>	<b>8/31/2020</b>		
USER CHARGES			50,752.39	200,360.74	251,113.13
SERVICE CHARGES			1,739.55	6,596.14	8,335.69
CONNECTION CHARGES			0.00	4,000.00	4,000.00
LATE CHARGES			1,515.75	1,565.64	3,081.39
BACKFLOW			0.00	899.40	899.40
SUBTOTAL			<b>54,007.69</b>		
TOTAL RECEIPTS					<b>267,429.61</b>

SENT TO LIEN	
LIENS COLLECTED	
ABATEMENTS	89.23
ADJUSTMENTS	-124.50
AJD TO MASTER	
UNCOLLECTED	<b>103,359.69</b>
	<b>370,754.03</b>

<b>OUTSTANDING:</b>	
USER CHARGES	94,749.72
SERVICE CHARGES	3,369.65
CONNECTION CHARGES	0.00
LATE CHARGES	5,193.13
BACKFLOW	47.19
TOTAL OUTSTANDING	<b>103,359.69</b>

10:17 AM  
09/04/20  
Accrual Basis

Townsend Water Department  
Budget vs. Actual  
July through August 2020

6.5

	<u>Jul - Aug 20</u>	<u>Budget</u>	<u>\$ Over Bud...</u>
Ordinary Income/Expense			
Expense			
061.000 · General Operations 000			
061.001 · Personal Services 1			
5100 · Salaries & Wages-Water Super	0.00	110,000.00	-110,000.00
5110 · Salary & Wages-Oper Staff	24,767.12	168,135.55	-143,368.43
5112 · Salary & Wages-Support Staff	7,522.88	70,624.22	-63,101.34
5130 · Additional Gross	503.48	14,240.00	-13,736.52
5134 · Additional Gross-Reg&SpecOnc...	2,075.00	20,363.10	-18,288.10
5190 · Other Stipened-Longevity	0.00	1,200.00	-1,200.00
5191 · Other - Stipend BOWC	0.00	3.00	-3.00
5192 · Other-Certification/Stipend	0.00	1,500.00	-1,500.00
5193 · Retirement Benefit	0.00	0.00	0.00
5195 · Other-Clothing Allowance	0.00	0.00	0.00
5197 · Vehicle Allowance -Super	0.00	0.00	0.00
5198 · Snow Storm Stipend	0.00	4,000.00	-4,000.00
Total 061.001 · Personal Services 1	34,868.48	390,065.87	-355,197.39
061.002 · Purchased Services 2			
5210 · Energy	6,904.69	80,000.00	-73,095.31
5240 · Repair & Maint Building	13.07	50,000.00	-49,986.93
5245 · Repair & Maint Equipment	1,061.16	40,000.00	-38,938.84
5245006 · Repair & Maintain Equip SC...	425.00	10,500.00	-10,075.00
5245007 · Repair & Maintain-Distribution	0.00	30,000.00	-30,000.00
5270 · Rentals	150.00	1,050.00	-900.00
Total 061.002 · Purchased Services 2	8,553.92	211,550.00	-202,996.08

10:17 AM  
09/04/20  
Accrual Basis

Townsend Water Department  
Budget vs. Actual  
July through August 2020

	<u>Jul - Aug 20</u>	<u>Budget</u>	<u>\$ Over Bud...</u>
<b>061.003 · Purchased Services 3</b>			
5300-02 · Proff Legal Expense	0.00	12,000.00	-12,000.00
5300 · Professional Services	12,107.32	63,000.00	-50,892.68
5300100 · Proff Service Backflow	0.00	9,500.00	-9,500.00
5340 · Communication	4,680.09	21,000.00	-16,319.91
5380 · Other Services	0.00	2,730.00	-2,730.00
<b>Total 061.003 · Purchased Services 3</b>	<b>16,787.41</b>	<b>108,230.00</b>	<b>-91,442.59</b>
<b>061.004 · Purchased Supplies 4</b>			
5420 · Office Supplies	504.96	5,250.00	-4,745.04
5430 · Building Supplies	0.00	1,575.00	-1,575.00
5435 · Equipment Maint Supplies	0.00	1,575.00	-1,575.00
5460 · Groundskeeping Supplies	86.95	525.00	-438.05
5480 · Vehicular Supplies	673.48	9,000.00	-8,326.52
<b>Total 061.004 · Purchased Supplies 4</b>	<b>1,265.39</b>	<b>17,925.00</b>	<b>-16,659.61</b>
<b>061.005 · Purchased Supplies 5</b>			
5530 · Public Works Supplies	16,256.03	55,000.00	-38,743.97
5531 · Chemicals	6,502.25	24,150.00	-17,647.75
5580 · Other Supplies	0.00	1,050.00	-1,050.00
5585 · Clothing Allowance	201.50	5,250.00	-5,048.50
<b>Total 061.005 · Purchased Supplies 5</b>	<b>22,959.78</b>	<b>85,450.00</b>	<b>-62,490.22</b>
<b>061.007 · Other Charges &amp; Exp 7</b>			
5710 · Travel/mileage-in state	0.00	1,155.00	-1,155.00
5720 · Out of State Travel	0.00	0.00	0.00
5730 · Dues and Memberships	1,120.00	4,300.00	-3,180.00
5780 · Other Charges	0.00	525.00	-525.00
5785 · Water Assessment D.E.P.	0.00	2,200.00	-2,200.00
5850 · New Equipment	248.06	10,500.00	-10,251.94
<b>Total 061.007 · Other Charges &amp; Exp 7</b>	<b>1,368.06</b>	<b>18,680.00</b>	<b>-17,311.94</b>

10:17 AM  
09/04/20  
Accrual Basis

Townsend Water Department  
**Budget vs. Actual**  
July through August 2020

	<u>Jul - Aug 20</u>	<u>Budget</u>	<u>\$ Over Bud...</u>
061.400 · Special Projects 400			
5902-18 · Main St Cleaning	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Total 061.400 · Special Projects 400	30,480.50	0.00	30,480.50
061.500 · Special Articles 500			
5000 · Water Oper Emergency Res Fund	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Total 061.500 · Special Articles 500	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Total 061.000 · General Operations 000	116,283.54	831,900.87	-715,617.33
061.009 · Debt Service 9			
5910 · Long Term Debt-East Side Phase1	0.00	37,962.00	-37,962.00
5911 · Long Term Debt-East Side Ph 2	0.00	54,078.00	-54,078.00
5920 · Long term Interest-Phase1	0.00	4,412.00	-4,412.00
5921 · Long Term Int East Side Ph2	<u>0.00</u>	<u>7,505.00</u>	<u>-7,505.00</u>
Total 061.009 · Debt Service 9	0.00	103,957.00	-103,957.00
063.400 · Projects			
5805-18 · West End-Water Main	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Total 063.400 · Projects	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Total Expense	<u>116,283.54</u>	<u>935,857.87</u>	<u>-819,574.33</u>
Net Ordinary Income	<u>-116,122.24</u>	<u>-935,857.87</u>	<u>819,735.63</u>
Net Income	<u><u>-116,122.24</u></u>	<u><u>-935,857.87</u></u>	<u><u>819,735.63</u></u>