

Horizon

QC-S1000

Collator

**High-speed production for
accurate and efficient collating.**



Color LCD touchscreen provides user-friendly operation. Speed and expandability assure efficient production.

The QC-S1000 is a high quality, high speed collating machine with efficient operation.



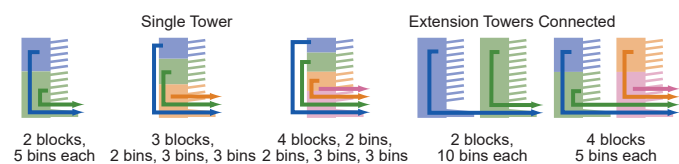
Collator QC-S1000

For Stacking

► Efficient Programming Functions

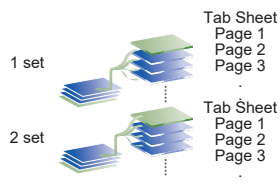
• Double Cycle

This feature increases the productivity and operator efficiency with non-stop production and it gives ample time for bin reloading. When any bin in the first section empties, the feeding switches over to the second section and continues collating.



• Preset Tabbing

This feature increases efficiency by separating a predetermined number of sets with tab sheets, without having to stop the system. Up to two tab sheets can be inserted into every set.



• Preset Stop

This feature is useful for collating a pre-determined number of sets. The collating system stops after a preset number of sets have been collated.

► Energy-Saving Function - 90% Power Savings

For energy savings, the QC-S1000 is equipped with the Energy-Saving Function. When the collator is inactive for a certain period of time, 90% of the power can be saved compared to the power consumption during operation.

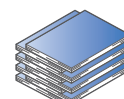
► Intuitive Operation with Color LCD Touchscreen

The QC-S1000 is equipped with a 5.7 inch color LCD touchscreen. Operation and program settings can be done through the touchscreen. In addition, superior usability is ensured with the navigation function and the troubleshooting screen to monitor the operating procedure and to find the cause of any problems.



► High Speed Production - Max. 65 sets per minute (3,900 sets per hour)

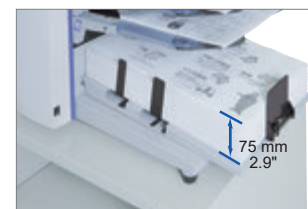
Maximum production speed is 65 sets per minute (A4 / 8.5" x 11" LEF). The QC-S1000 is capable of handling high volume collating jobs with this productivity.



Offset Collating

► Deep Receiving Tray - Max. 75 mm / 2.9"

The receiving tray capacity is 75 mm / 2.9" maximum, allowing for collating and stacking up to 90 stacked sets (10 sheets of normal paper). The operator can select either straight or offset stacking.



► Stable Feeding

The large-diameter feed rollers enable the collator to handle a wide variety of sheets.

► Up To 2 Towers With Optional QC-1000F

The optional extension module QC-S1000F can be added for up to 20 feeding stations.



QC-S1000 + Optional QC-S1000F x 2 + MT-100

Optional Finishers

For Stapling

PS-P610 Punch Staple Unit

Optional Punch Staple Unit PS-P610 for a variety of document finishing choices.

► Ease of Operation

User-friendly, high performance interface is provided for more comfortable operation. All setups and operations for the PS-P610 can be performed through the color touchscreen on the QC-S1000.



► Variable Staple Styles

Top/side stapling, corner stapling, and two hole punching (optional punch unit PU-610 is required) can be performed to effectively finish your documents.



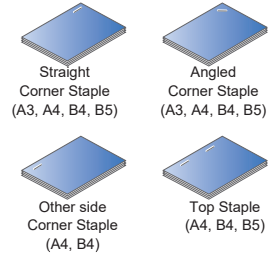
► Multiple-page Stapling

Multiple-page documents such as resumes or proposals can be stapled. Up to 24-sheets (normal paper 81 gsm) can be stapled.

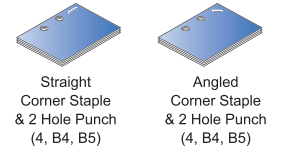


QC-S1000 + PS-P610

■ Functions



Optional punch unit PU-610 is required.



For Bookletmaking

SPF-P9/FC-P9 In-line Bookletmaker

Collating and bookletmaking can be performed in-line.

► High quality bookletmaking

The FC-P9 trims the fore-edge of the booklet stapled through the SPF-P9 for a professional finish. Full-scale bookletmaking can be performed in-line with the QC-S1000 collator.

► High productivity

33 booklets per minute can be produced with a high quality finish. Perfect for a large number of manuals or document production.

► Error Monitoring

When the staple becomes empty or a sheet is jammed, an error is indicated.

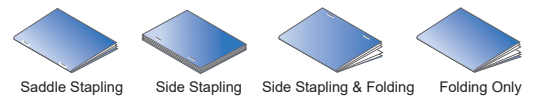
► Delivery Conveyor ED-9*

The ED-9 motor driven conveyor provides smooth delivery of finished booklets for increased efficiency.



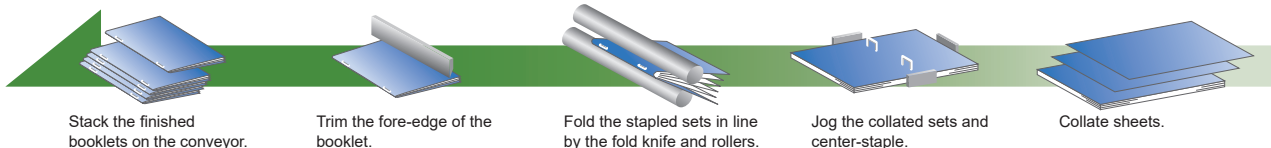
* Optional device for the SPF-P9 / FC-P9

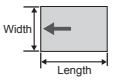
■ Functions

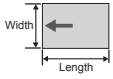


QC-S1000 x 2 + SPF-P9 / FC-P9

■ Bookletmaking Flow

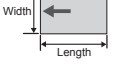


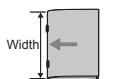
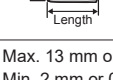
QC-S1000 Specification	
Model Name	QC-S1000, QC-S1000F
Number of Bins	10 bins (Extension module QC-S1000F allows to increase up to 20 bins.)
Sheet Feeding System	Friction Feed
Sheet Size	 <p>Width x Length Max. 320 mm x 450 mm or 12.59" x 17.71" (Up to W305 mm collating with the extension module) Min. 138 mm x 175 mm or 5.44" x 6.89"</p> <p>A3, 11" x 17", 8.5" x 14", A4, 8.5" x 11", A5, and 5.5" x 8.5"</p>
Sheet Weight Range	52.3 to 128 gsm
Bin Pile Height	Max. 28 mm or 1.10"
Production Speed	For 115V (A4 or 8.5" x 11" LEF 10 sheets) Max. 50Hz: 61 sets per minute (Offset Stack) 65 sets per minute (Straight Stack) 60Hz: 73 sets per minute (Offset Stack) 80 sets per minute (Straight Stack) For 230V (A4 or 8.5" x 11" LEF 10 sheets) Max. 50Hz: 62 sets per minute (Offset Stack) 66 sets per minute (Straight Stack) 60Hz: 74 sets per minute (Offset Stack) 80 sets per minute (Straight Stack)
Receiving Tray	Offset Stack, Straight Stack
Voltage/Frequency	Single Phase 115 V, 50 or 60 Hz Single Phase 230 V, 50 or 60 Hz
Machine Dimensions	QC-S1000: W615 x D530 x H1,033 mm or W24.3" x D20.9" x H40.7" (When installing with MT-100: W738 x D550 x H1,607 mm or W29.1" x D21.7" x H63.3") MT-100L: W605 x D550 x H575 mm or W23.9" x D21.7" x H22.7"
Machine Weight	QC-S1000: 73 kg or 160.8 lb QC-S1000F: 88 kg or 193.9 lb

PS-P610 Specification	
Functions	Top Stapling, Angled Corner Stapling, Straight Corner Stapling, Other Side Corner Stapling, Two Hole Punching (option)
Sheet Size	 <p>Width x Length Max. 300 x 432 mm or 11.8" x 17.0" Min. 182 x 257 mm or 7.2" x 10.2"</p> <p>Top Stapling: A4 or 8.5" x 11" Angled Corner Stapling: A3, 11" x 17", 8.5" x 14", A4, and 8.5" x 11" (Up to 12 sheets) Straight Corner Stapling: A3, 11" x 17", 8.5" x 14", A4, and 8.5" x 11" (Up to 12 sheets) Other Side Corner Stapling: 8.5" x 14" and A4 Two Hole Punching (option): A4</p>
Sheet Weight Range	Normal Paper 53 to 127 gsm (Up to 104 gsm on Punching)
Stitch Thickness	Max. 24 sheets (Normal Paper 81 gsm) Max. 12 sheets (Normal Paper 127 gsm) Optional Punch Capability: Up to 1.5 mm (Max. 12 sheets [Normal Paper 104 gsm])
Stitch Distance	Staple Distance: 148 mm (A4), 5.1" (8.5" x 11") Corner Staple Angle: 0 degree or 30 degree selectable
Stitching Wire	No.510 Cartridge Type (5,000 staples/cartridge)
Receiving Capacity	100 mm (A4, Normal Paper 64 gsm, corner stapling, 50 booklets of 24 sheets [64 gsm])
Production Speed	Side Stapling: Max. 12 sets per minute Corner Stapling: Max. 25 sets per minute
Voltage/Frequency	Single Phase 115 V, 50 or 60 Hz Single Phase 230 V, 50 or 60 Hz
Machine Dimensions	W850 x D580 x H410 mm or W33.5" x D22.9" x H16.2"
Machine Weight	74 kg or 163 lb

* The Optional pedestal with wheel MT-610D is required to connect the two collators (QC-S1000).

*The machine design and specifications are subject to change without any notice.

SPF-P9 Specification	
Functions	Bookletmaking, Top/Side Stapling, Folding Only, Top Stapling and Folding
Sheet Size	 <p>Width x Length Max. 320 x 450 mm or 12.6" x 17.7" Min. 182 x 257 mm or 7.2" x 10.1"</p> <p>Bookletmaking: SRA3, A3, 11" x 17", 8.5" x 14", A4 and 8.5" x 11" SRA3 (Manual Feed Only), A3, 11" x 17", 8.5" x 14", A4, and 8.5" x 11" Top/Side Stapling: A4 and 8.5" x 11" Folding Only: SRA3 (Manual Feed Only), A3, 11" x 17", 8.5" x 14", A4, and 8.5" x 11" Top Stapling and Folding: A4SEF and 8.5" x 11" SEF</p>
Sheet Weight Range	Normal Paper: 64 to 127.9 gsm Coated Paper: 104.7 to 157 gsm (Manual Feed Only)
Stitch Thickness	Bookletmaking: 2.5 mm or 0.098" (25 sheets of 81.4 gsm normal paper) Top/Side Stapling: 3 mm or 0.11" (30 sheets of 81.4 gsm normal paper)
Fold Thickness	2.5 mm (25 sheets of Normal Paper 81.4 gsm)
Stitch Distance	Fixed 120 mm or 4.7"
Stapling Wire	Cartridge Type (5,000 staples/cartridge)
Receiving Capacity	40 books (A3, 10 sheets of Normal Paper 81.4 gsm, Bookletmaking)
Production Speed	Max. 33 booklets per minute
Voltage/Frequency	Single Phase 115 V, 50 or 60 Hz Single Phase 230 V, 50 or 60 Hz
Machine Dimensions	Stand Alone: W900 x D660 x H796 mm or W35.4" x D26.0" x H31.3" With Delivery Tray: W1,270 mm x D660 x H796 mm or W50.0" x D26.0" x H31.3"
Machine Weight	154 kg or 340 lb

FC-P9 Specification	
Untrimmed Booklet Size	 <p>Width x Length Max. 320 x 225 mm or 12.6" x 8.9" Min. 210 x 148 mm or 8.3" x 5.8"</p>
Finished Booklet Size	 <p>Max. 320 x 225 mm or 12.6" x 8.9" Min. 210 x 135 mm or 8.3" x 5.3"</p>
Trim Width	Max. 13 mm or 0.51" Min. 2 mm or 0.079"
Trimming Thickness	Max. 3 mm or 0.11"
Production Speed	Max. 33 booklets per minute
Voltage/Frequency	Single Phase 115 to 120 V, 50 or 60 Hz Single Phase 220 to 240 V, 50 or 60 Hz
Machine Dimensions	Stand Alone : W450 x D621 x H796 mm or W17.7" x D24.4" x H31.3" With Delivery Tray: W820 x D621 x H796 mm or W32.3" x D24.4" x H31.3"
Machine Weight	101 kg or 223 lb

Optional Devices		
QC-S1000	SPF-P9 / FC-P9	PS-P610
Extension Module QC-S1000F Pedestal with Wheel: MT-100	Delivery Conveyor: ED-9 Infeed Conveyor: IF-P9	Punch Unit: PU-610 Pedestal with Wheel: MT-610D

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