

Horizon

Table-top Collator QC-S30

QC-S30

SPF-9/FC-9 Series • PS-P61 • MF-1

Simple One-Touch Collation



Entry Level Collator - Simple, User-friendly Operation

The QC-S30 entry level tabletop collator features simple push button operation which allows an operator to collate hundreds of sets in just minutes. Also, the QC-S30 can form an in-line bookletmaking system.

► User-friendly Operation

Three basic operation buttons, Check, Start and Stop, are located under the display panel for simple and easy operation.



► High Speed Production - Max. 65 sets/min.

Maximum production speed is 65 sets/minute (A4 / 8.5" x 11" LEF).

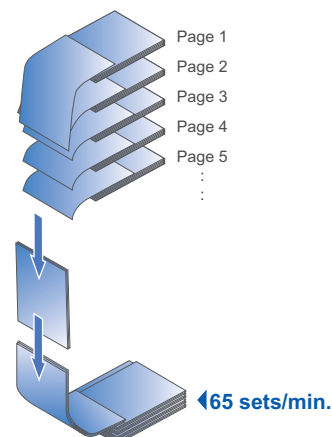
► Quieter Operation

High frequency noise has also been reduced for quieter operation.



QC-S30 + MT-100 x 3

Collating Flow



► Deep Receiving Tray - 75 mm (2.9") in height

The receiving tray capacity is 75 mm (2.9") maximum, letting you collate and stack up to 90 sets (10-sheet). The operator can select either straight or offset stacking.



► 30 Station Collation

The QC-S30 can be extended to a 20 or 30 bin collator by adding collating towers QC-S30F.



QC-S30 + QC-S30F + QC-S30F + MT-100 x 3

► Stable Feeding

The large-diameter feed rollers enable the collator to handle a wide variety of sheets. The double feed stop pad and feed bins can be switched between high and low pressure settings for stable feeding.

Optional Finishers

Punch Staple Unit PS-P61

Variable Functions

Stapling and punching can be synchronized with the collating sequence. Top/side stapling, corner stapling, and ¹two hole punching are performed to finish your best suited documents.

^{*1} Optional punch unit PU-61 is required.

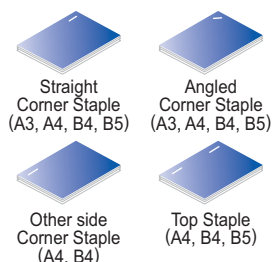
Easy to use

Desired staple pattern is selected by simply pushing a button. A light indicates when the system runs out of staples or a jam occurs.

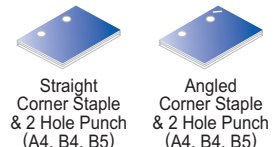


QC-S30 + PS-P61

■ Functions



Optional punch unit PU-61 is required.



Mail Folder MF-1

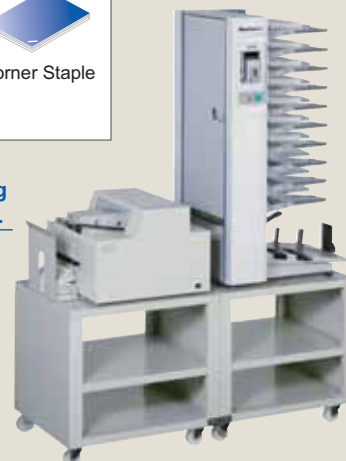
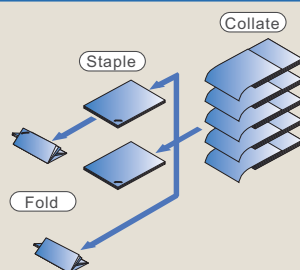
Innovative staple and fold system

Stapling and folding on A4 / Letter size sheets can be performed to produce neatly finished documents. The MF-1 can be used as an off-line stapler and folder.

■ Functions



Collating, stapling, and folding can be performed in one pass.



QC-S30 + MF-1 + MT-100 x 2

In-line Bookletmaker SPF-9A/FC-9A & SPF-9/FC-9

High quality bookletmaking

Bookletmaking, side stapling, and corner stapling can be performed in-line with the QC-S30 collator. The FC-9 / FC-9A trims the fore-edge of the booklets for a professional finish.

Simple setup

Sheet size and job pattern setup are performed automatically with the push of a button (SPF-9A/FC-9A only). The SPF-9A/FC-9A are equipped with a job memory function for easy recall and quick restarts.

High productivity

33 booklets per minute can be produced with top quality finish. Perfect for a short-run manual or document production.

Error monitoring

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

■ Functions



QC-S30 + QC-S30F + MT-100 x 2 + SPF-9A + FC-9A

Delivery Conveyor ED-9^{*2}

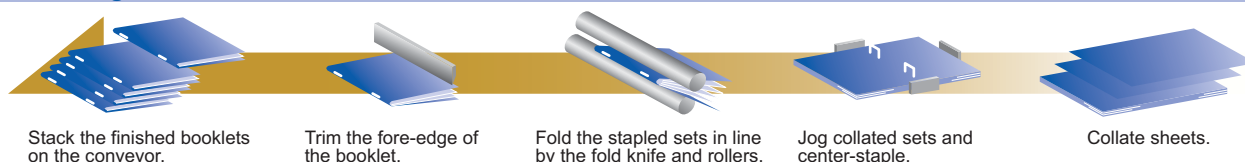
Stacking finished booklets



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

^{*2} Equipped as standard with SPF-9A

■ Bookletmaking Flow



QC-S30 Major Specifications

Module Type	QC-S30		
Number of Bins	10 bins (Two extension modules QC-S30F allows to increase up to 30 bins.)		
Sheet Feeding System	Friction Feed		
Sheet Size	Max. 320(W) x 432(L) mm (12.59" x 17.00")		
	[320(W) mm / 12.59" available in single collator only. Up to 305(W) mm / 12.00" collating with the extension module.]		
	Min. 138(W) x 175(L) mm (5.44" x 6.89")		
Matrix Size	A5 / A4 / A3 / 11" x 17" / 5.5" x 8.5"		
Sheet Weight Range	52.3 to 127.9 gsm		
Bin Pile Height	28 mm (1.10")		
Error Detector / Indicator	Sheet Jam, No Sheet, Mis-Feed, Double Feed, Option Error, Tray Full and Cover Open		
Counter	Total Counter / Preset Counter		
Production Speed	Max. 65 sets/min. (A4LEF / 8.5" x 11"LEF)		
Receiving Tray	Off-set Stack, Straight Stack		
Receiving Tray Capacity	75 mm (2.95")		
Program Collation	Preset Stop		
Voltage / Frequency	Single Phase 100 / 115 / 230 V, 50 / 60 Hz		
Rated Current	QC-S30	115 V, 50 / 60 Hz	2.3 / 1.3 A
		230 V, 50 / 60 Hz	0.6 / 0.7 A
	QC-S30F	115 V, 50 / 60 Hz	2.5 / 1.5 A
		230 V, 50 / 60 Hz	0.8 A
Heat Output	300 kJ (70 kcal)		
Motors	90 W x 1		
Machine Dimensions	580(W) x 529(D) x 1,030(H) mm (22.9" x 20.9" x 40.6")		
Machine Weight	QC-S30 : 73 kg (161 lbs.) / QC-S30F : 80 kg (177 lbs.)		

SPF-9A / SPF-9 Major Specifications

Functions	Bookletmaking, Top/Side Stapling, Corner Stapling, Top Stapling and Folding, Folding only		
Matrix Size	A3 / A4 / 8.5" x 11" / 8.5" x 14" / 11" x 17"		
	Bookletmaking	A3 / A4 / 11" x 17" / 8.5" x 11" / 8.5" x 14"	
	Top/Side Stapling	A4 / 8.5" x 11"	
	Corner Stapling	A4SEF / 8.5" x 11"SEF	
	Folding only	A3 / A4 / 11" x 17" / 8.5" x 11" / 8.5" x 14"	
	Top Stapling and Folding	A4SEF / 8.5" x 11"SEF	
Sheet Weight Range	Bookletmaking	Max. 20 sheets (Normal Paper 64 gsm)	
		Max. 10 sheets (Normal Paper 127 gsm)	
Staple Thickness	Top/Side Stapling or Corner Stapling	Max. 20 sheets (Normal Paper 127 gsm)	
Staple Distance	Fixed 120 mm (4.7")		
Stapling Wire	No. 510 Cartridge Type (5,000 staples/cartridge)		
Receiving Capacity	100 books (A3 - 64 gsm / 16# bond, 10 sheets)		
Error Detector / Indicator	Sheet Jam, No Staple, Collator Error, Cover Open		
Counter	Total Counter		
Production Speed	Max. 33 booklets/min.		
Voltage / Frequency	Single Phase 100 V, 50 / 60 Hz 115 V, 60 Hz 230 V, 50 Hz		
Rated Current	Single Phase 115 V, 60 Hz, 6.0 A		
	Single Phase 230 V, 50 Hz, 3.0 A		
Heat Output	480 kJ (110 kcal)		
Motors	90 W x 1		
Machine Dimensions	Stand Alone : 1,240(W) x 621(D) x 796(H) mm (48.9" x 24.5" x 31.4") (with Delivery Tray)		
	SPF-9A+FC-9A : 2,017(W) x 621(D) x 796(H) mm (79.5" x 24.5" x 31.4") (with ED-9) *1		
	SPF-9+FC-9 : 1,690(W) x 621(D) x 796(H) mm (66.6" x 24.5" x 31.4") (with Delivery Tray)		
Machine Weight	SPF-9A : 153 kg (337.4 lbs.) / SPF-9 : 154 kg (340 lbs.)		

Options

QC-S30 Options

- Extension Module : **QC-S30F**
- Pedestal with Wheel : **MT-100**
- Delivery Unit for Side Stapling : **CT-S30**
- Delivery Conveyor : **ED-9** *4

PS-P61 Option

- Punch Unit : **PU-61**
- MF-1 Options
- Pedestal with Wheel : **MT-100**
- Pedestal with Wheel for VAC-100 connection : **MT-3**

*1 Machine dimensions including Delivery Conveyor ED-9.

*2 Optional punch unit PU-61 is necessary.

*3 When connecting with the QC-S series or SAC-150, coated papers can not be processed.

*4 SPF-9A/FC-9A is equipped with the ED-9 as standard.

FC-9A / FC-9 Major Specifications

Booklet Size (Before Trim)	A4 / B5 / A5	
Booklet Size (After Trim)	Max. 325(W) x 225(L) mm (12.7" x 8.8")	
	Min. 210(W) x 135(L) mm (8.3" x 5.4")	
Trimming Width	2 to 13 mm (0.079" to 0.51")	
Trimming Thickness	Max. 3 mm (0.11") (64 gsm 40 sheets)	
Production Speed	Max. 33 booklets/min.	
Error Detector / Indicator	Sheet Jam, Knife Lock, Trimmings Full	
Counter	Total Counter	
Voltage / Frequency	Single Phase 100 V, 50 / 60 Hz 115 V, 60 Hz 230 V, 50 Hz	
Rated Current	Single Phase 115 V, 60 Hz, 3.0 A	
	Single Phase 230 V, 50 Hz, 1.5 A	
Heat Output	180 kJ (40 kcal)	
Motors	40 W x 1	
Machine Dimensions	FC-9A : 1,122(W) x 621(D) x 796(H) mm (44.2" x 24.5" x 31.4") (with ED-9) *1	
	FC-9 : 795(W) x 621(D) x 796(H) mm (31.3" x 24.5" x 31.4") (with Delivery Tray)	
Machine Weight	101 kg (223 lbs.)	

PS-P61 Major Specifications

Functions	Top Stapling, Angled Corner Stapling, Straight Corner Stapling, Other Side Corner Stapling, Two Hole Punching (option) *2	
Sheet Size	Max. 300(W) x 432(L) mm (11.8" x 17.0")	
	Min. 182(W) x 257(L) mm (7.2" x 10.2")	
Matrix Size	Top Stapling	A4 / 8.5" x 11" / 8.5" x 14"
	Angled Corner Stapling	A3 / A4 / 11" x 17" / 8.5" x 11" / 8.5" x 14"
	Straight Corner Stapling	A4 / 8.5" x 11" / 8.5" x 14"
	Other Side Corner Stapling	A4 / 8.5" x 11" / 8.5" x 14"
	Two Hole Punching (option) *2	A4 / 8.5" x 11" / 8.5" x 14"
Sheet Weight Range	Normal Paper 53 to 127 gsm (Up to 104 gsm on Punching)	
Staple Thickness	Side or Corner Stapling : Max. 10 sheets (Normal Paper 127 gsm)	
	Optional Punch Capability : Max. 10 sheets (Normal paper 104 gsm)	
Staple Distance	Staple Distance : 148 mm (A4), 8.14" (8.5" x 14"), 5.13" (11" x 8.5")	
	Corner Staple Angle : 0 degree or 30 degree selectable	
Stapling Wire	No. 510 Cartridge Type (5,000 staples/cartridge)	
Receiving Capacity	70 mm (2.7") (A4 size, corner stapling, 70 booklets of 10 sheets [64 gsm])	
Error Detector / Indicator	Sheet Jam, No Staple, Stapler Error, Cover Open, Sheets Full on Delivery Tray	
Other Functions	Jogging Motion : Once or Two Times selectable / Staple Position : Automatic Setting	
Production Speed	Side Stapling : Max. 12 sets/min. / Corner Stapling : Max. 25 sets/min.	
Voltage / Frequency	Single Phase 100 V, 50 / 60 Hz 115 V, 60 Hz 230 V, 50 Hz	
Rated Current	Single Phase 230 V, 50 Hz, 0.8 A	
Heat Output	400 kJ (90 kcal)	
Machine Dimensions	1,115(W) x 562(D) x 580(H) mm (43.9" x 22.2" x 22.9") (with Delivery Tray)	
Machine Weight	74 kg (163.2 lbs.)	

MF-1 Major Specifications

Functions	Letter Fold / Corner Staple and Letter Fold / Corner Staple	
Sheet Size	210(W) x 297(L) mm (8.5" x 11") only	
Sheet Weight Range *3	Normal Paper 64 to 105 gsm, Recycled Paper, Coated Paper 105 to 157 gsm	
Booklet Size	210(W) x 100(L) mm (8.3" x 3.9") (Letter Fold)	
Staple Thickness	Corner Staple : Up to 20 sheets (Normal Paper 64 to 105 gsm)	
Fold Thickness	Letter Fold / Corner Staple & Letter Fold : Up to 7 sheets (Normal Paper 64 gsm),	
	Up to 6 sheets (Normal Paper 82 gsm), Up to 4 sheets (Normal Paper 105 gsm)	
Staple Distance	Staple placed at a 30 degree angle in the upper left-hand corner	
Stapling Wire	No. 510 Cartridge Type (5,000 staples/cartridge)	
Receiving Tray	Letter Fold : 75 sets / Corner Staple & Letter Fold : 60 sets / Corner Staple : 224 sets (3 sheets of normal paper 64 gsm)	
Production Speed	With QC-S10/S100/S30/S300 : "Once" Jog - 25 sets/min., "Twice" Jogs - 12 sets/min.	
	With VAC-100 : Middle Belt Speed - 30 sets/min.	
Voltage / Frequency	Single Phase 100 V	50 / 60 Hz 1.8 / 1.6 A
	Single Phase 115 V	60 Hz 1.6 A
Rated Current	Single Phase 230 V	50 Hz 0.8 A
	Single Phase 100 V	50 / 60 Hz 145 / 130 W
	Single Phase 115 V	60 Hz 155 W
	Single Phase 230 V	50 Hz 147 W
Heat Output	470 kJ (110 kcal)	
Machine Dimensions	485(W) x 483(D) x 334(H) mm (19.1" x 19.1" x 13.2")	
	(When the receiving tray is opened : 764(W) mm / 30.1")	
Machine Weight	46 kg (101.5 lbs.)	
Temperature & Humidity	Temperature +10 to 45 degrees Celsius (50 to 113 Fahrenheit), Humidity 20 % to 80 %RH	

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

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