BOOKLET SYSTEM

COLLATOR UC-1200 / AEROCOLLATE
BOOKLET MAKER USF-3100
FACE TRIMMER UT-3100
STAPLER SP-23 / STACKER ST-31

Tabletop collator UC-1200

Uchida Collator UC-1200 efficiently collates a wide variety of paper at the maximum cost performance. The center feed system eliminates the need to re-position the booklet maker and trimmer each time the paper size is changed. You can now install the system in a permanent station. Naturally, Uchida's reliable paper feed system, proven throughout the world, has been kept in the same precise structure as it is constructed. The UC-1200 can also be connected by signal with major booklet makers available in the market. It is suitable not only for professional printer applications but also for in-house printing, quick copy/print shops, schools, and many other uses.

Quick setting of paper feed pressure

The paper feed pressure lever is relocated on the outside of the UC-1200 so that it enables the operator to adjust the pressure level much easier. The paper feed and separator pressures can be adjusted easily and quickly without detaching the feed tray.

Detachable feed trays

The feed trays can be detached easily without using any tools. It makes adjustments, cleaning and trouble shooting much easier.

Intuitive settings and operation

Clean operation panel indicates settings and status of the machine intuitively. Even when operation does not go well, it tells what to check by LED lights and error codes.

Quick change of a separator pad

Now separator pads, the parts to ensure feeding sheets one by one can be detached without using any tool. By replacing the pads regularly, the machine keeps running accurately and smoothly.

Collated papers can be neatly stacked

The stacking table is designed to stack small format paper, such as A5 size paper, without attaching an auxiliary table.
It alternately shifts direction in a Criss-Cross pattern that can stack large sizes stock, such as SRA3 paper, more efficiently than conventional offset stackers.

Booklet making system

The UC-1200 can be connected to other machines, such as a booklet maker USF-3100 and a face trimmer UT-3100 to configure booklet making system.

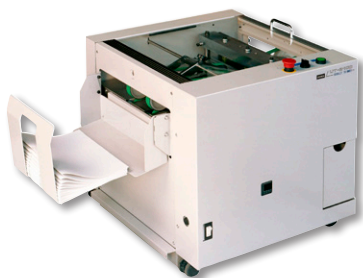| UT-3100 | USF-3100 | UC-1200 (L) | UC-1200 (R) |

Booklet maker: USF-3100

Realized the highest speed in this class and greatly improved productivity in bookletmaking work. Easy and flexible to use. Designed to link up with AeroCollate or UC-1200 collator electrically.

Two towers can be linked to collate up to 20 sheets

Two UC-1200 can be linked via an optional transport unit, enabling their use in tandem for purpose of collecting a larger number of pages (maximum 20 sheets). The two machines can be used separately while connected.

Face trimmer: UT-3100

Our trimmer is now available to complete a system for bookletmaking by Uchida. Thanks to the high processing speed, over 2,500 booklets / hour can be produced by Uchida system of Collating machine, Bookletmaking machine and UT-3100 trimmer.

Air suction collator: AeroCollate

Uchida belt suction paper collator model AeroCollate can collate various types of paper such as offset, coated, digital printed papers and etc. by its uniquely designed belt suction feeding system.

- Easy paper setting
- Center setting
- Low power consumption
- LED lamp on each tray indicates errors

Optional equipment for UC-1200

Stapler & puncher: SP-23

The stapler and puncher greatly simplify the stapling and punching of sets of collated sheets.
The stapling position can be adjustable easily using the changeover lever to match the paper size.

Large capacity stacker: ST-31

The convenient large capacity stacker can effortlessly stack up to 3,200 collated sheets (64 gsm stock) in a straight or offset manner.

Specifications

Model	UC-1200	AeroCollate
Number of station	10 stations	8 stations
Paper size	95x150 - 328x469 mm	120x210 - 364x515 mm
Paper feed system	Center feed with friction roller system	Upper belt suction driving system
Paper quality	Offset paper, copy paper, NCR paper	Offset, glossy, digital printed, recycled and NCR paper
Max. loading capacity	28 mm / bin (350 sheets of 64 gsm paper)	50mm / bin
Processing speed	2,400 or 4,200 sets /hr. (A4, portlait)	1,000 - 4,000 sets / hr. (A4 portlait)
Paper weight	1st&10th station: 35 - 210 gsm 2nd-9th station: 35 - 160 gsm	Coated paper: 73.3 - 250 gsm Offset paper: 45.0 - 250 gsm
Max. stacking capacity	65mm	90mm
Stacking system	Straight or criss-cross stacking	
Counter	4 digits addition and preset subtraction	
Error detection	No paper, empty feed, paper jam, double feed, stacker full	
Tower connection	Up to 2 towers	Up to 3 towers
Finisher connection	USF-3100 or USF-W	
Collating function	Alternate function, insertion mode	
Power source	100-240VAC, 50/60Hz, single phase	110, 117, 220, 230 or 240VAC, 50/60Hz, single phase
Power consumption	200W	300W
Dimensions	545(W)x740(D)x1,056(H) mm	950(W)x720(D)x1,960(H) mm
Net weight	76 kg	252 kg

Model	ST-31
Paper size	148x210 - 328x469 mm
Speed	(Single tower) High speed: 42 set / min. Low speed: 32 set / min. (Twin tower) High speed: 27 set / min. Low speed: 20 set / min.
Paper weight	50 - 210 gsm
Stacking capacity	320 mm
Stacking system	Straight or offset (25 mm distance) stacking
Error detection	Paper jam at paper drive unit, paper on dolly full, no start position of dolly, no dolly, automatic stop when collator made error
Power source	110, 117, 120, 220, 230 or 240 VAC, 50/60Hz
Power consumption	50W
Dimensions	Main body: 698(W)x615(D)x805(H) mm Paper drive unit: 426(W)x185(D)x90(H) mm
Weight	Main body: 51 kg Paper drive unit: 2.7 kg

Model	SP-23
Paper size	A3, B4, A4, B5
Speed	Stapling: 14 set / min. Stapling & punching: 11 set / min.
Paper weight	52 - 128 gsm
Puncher	Number of holes: 2 holes 2 hole distance: 80 mm Hole diameter: 6 mm Hole position: Longitudinal side of A4 or A5 Shorter side of B4 or A3
Power source	110, 117, 120, 220, 230 or 240 VAC, 50/60Hz
Power consumption	55W
Dimensions	660(W)x390(D)x160(H) mm
Weight	19 kg
Options	Table for SP-22: 496(W)x370(D)x550(H) mm Staple cartridge: 5,000 staples / cartridge

Model	USF-3100
Type	Automatic cartridge type bookletmaker
Format	Saddle stapling & folding, corner stapling, side stapling
Number of heads	1 or 2 heads (2 equipped as standard)
Speed	2,200 set / hr.
Stapling/stitching capacity	20 sheets of 80 gsm A3 paper, flat clincher standard
Folding capacity	25 sheets of 80 gsm A3 paper
Paper quality	60 - 160 gsm (210 gsm for a single cover sheet)
Paper size	182(W)x257(L) - 328(W)x457(L) mm *120(W)x210(W) mm - with optional CD guide
Stapling/stitching pitch	68, 128, 200, 260 mm
Paper size setting	Automatic: SRA3, A3, A4, A5 and CD jacket 4 paper sizes can be stored
Detections	Empty stapling, no staple, paper jam, paper detection at paper feed section, paper gate & paper ejection.
Error indications	Paper jam, no staple, empty staple and feed error
Standard accessories	Manual feed tray
Features	Flat clinchers
Power source	110, 115, 230 or 240 VAC, 50/60 Hz, single phase
Power consumption	166W
Dimensions	520(W)x620(D)x740(H) mm
Footprint	1,015(W)x620(D)x740(H) mm
Net weight	78 kg
Options	Paper guide for CD jacket size Left and right paper guides for corner stapling, Staple cartridge (5,000 staples / cartridge)

Model	UT-3100
Paper size	120x105 - 350x225 mm
Speed	2,500 sets / hr. (A4, 80 gsm offset paper.) when connected to bookletmaker
Maximum paper thickness	48 sheets of 80 gsm offset paper
Paper weight	45 - 250 gsm
Paper quality	Offset, recycle, art, coated, NCR paper
Cutting margin	0 - 10 mm (A5: Maximum 5 mm)
Stacking tray	Equipped as standard
Side guide	Manual setting
Cutting position setting	Manual setting
Error detection	Paper jam, safety cover open
Optional equipment	Connection kit for USF-W
Paper feed system	Upper and lower belts
Power source	100, 117 or 230VAC, 50/60Hz
Dimensions	With stacker: 628(W)x1,003(D)x601(H) mm Without stacker: 628(W)x693(D)x601(H) mm
Net weight	112 kg

*Production rates are based on optimal operating conditions and may vary depending on stock and environmental conditions.
*As part of our continuous product improvement program, specifications are subject to change without notice.