UCHIDA CUTTER & CREASER

AEROCUT ONE

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The innovator in digital print finishing is now even further improved.

The AeroCut One is the basic slitter/cutter/creaser. This is the refined model of the original AeroCut launched in 2010, featuring enhanced productivity and user-friendliness.

Extremely stable feeding.

Feeding is an important and essential part for any print finishing device. The AeroCut One now has an innovative patented feeding mechanism, that drastically reduces risks of double feeds and mis-feeds. It results in much greater actual productivity.

Laser-sharp accuracy.

The AeroCut One is designed, built and calibrated with Japanese engineering and craftsmanship at its best.
The robust full-metal machine body keeps top level of accuracy and finishing quality every time.

True creaser adds value on digital prints.

AeroCut One is an ideal solution for finishing especially short-run digitally printed applications, such as business cards, post cards, invitations, greeting cards, leaflets, tickets and more. The AeroCut One saves times and costs for any print shops, in-house printers, commercial printers etc.

Basic Functions

Creasing Unit
The true rule & matrix creaser is equipped on the AeroCut One, allowing the machine to offer world-class quality creases on digitally printed stocks. Creasing pressure can be adjusted in 5 levels instantly by shifting the lever.

Slitting / Cutting Units
The AeroCut One features 2 single blade slitters to trim top & bottom margins of sheets, and 2 double blade slitters, bleed centre gutters and deflect wastes into a waste bin. The durable guillotine cuts stocks up to 400gsm in weight. All the slitter and guillotine blades are self-sharpening.
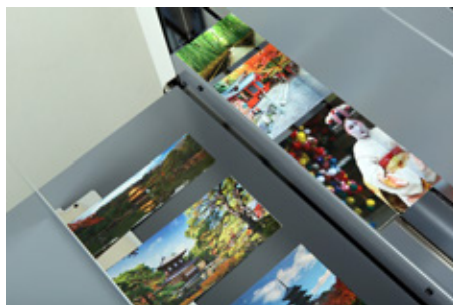
Feeding Unit
The AeroCut One feeds printed stocks one-by-one from the top of the ream on the feed tray. The air-suction top feed system feeds even coated stock precisely without damage. There are several features to ensure feeding several weights and qualities of stocks every time.

Features

Intuitive operation
Thanks to the built-in touch screen, the AeroCut One allows operators to set job programmes and run the machine intuitively and instantly.

Flex mode
Flex mode allows operators to cut multiple size of cards from a page and add desired numbers of creases on these. It enables designers and printers to create new aspects of applications.

Patented feeding mechanism
The patented "Tri-suction feeding mechanism" reduces risks of double-feeds and mis-feeds drastically, therefore it prevents paper jam inside and enhances actual productivity.

Robust slitters and guillotine
The self-sharpening slitters and a guillotine unit allows the machine to cut even 400gsm stocks crispy every time, for the long time.

* Depending on paper quality and surface finishing.

Instant job change
The AeroCut One can change jobs instantly, therefore is the ideal solution for finishing digitally printed applications, such as business cards, post cards, greeting cards, tent cards, tickets, leaflets etc.

Maintenance is easy
The AeroCut One now has detachable rollers, not only making cleaning easy, but gives better access to components in case of a paper jam.

Figures

370x520mm
14.5"x20.47"
Maximum paper size

400gsm
stock
Maximum paper weight
*Depending on paper quality

268 preset jobs
150 customised jobs
Job memories

9,660 Full bleed business cards
11,130 Single cut business cards
Productivity *per hour, best efforts

5,320 post cards
Productivity *per hour, best efforts

2,940
A5 Greeting cards
(w/centre crease)
Productivity *per hour, best efforts

Specifications

Model	AeroCut One
Functions	Slit, cross cut, crease, *perforate, *score, *slit-score (Optional)
Feedable paper size	210(W)x210(L) - 370(W)x520(L) mm
Minimum finished size	55(W)x45(L) mm
Paper weight	120 - *400 gsm *Depending on paper quality
Operation	4" touch screen
Job memories	263 preset jobs 100 + 50 customized job memories
Feeding mechanism	Upper belt tri-suction feed (Patented) Side blow Skew adjustment Side aligner Double feed detection Cut mark registration Feed tray stacking capacity 100mm
Speed (Sheets/min.)	8.8 x 21up business cards (SRA3) 11 x 8up post cards (SRA3) 12.2 x 4up greeting cards (SRA3) 15.4 x A3 leaflet + centre crease (SRA3)
Dimensions	1,072(W)x714(D)x1,070(H) mm
Footprint	1,914(W)x714(D) mm
NET Weight	240kg
Power supply Power consumption	100-120V or 200-240VAC, 50/60Hz single phase, 400W

*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.

Accessories

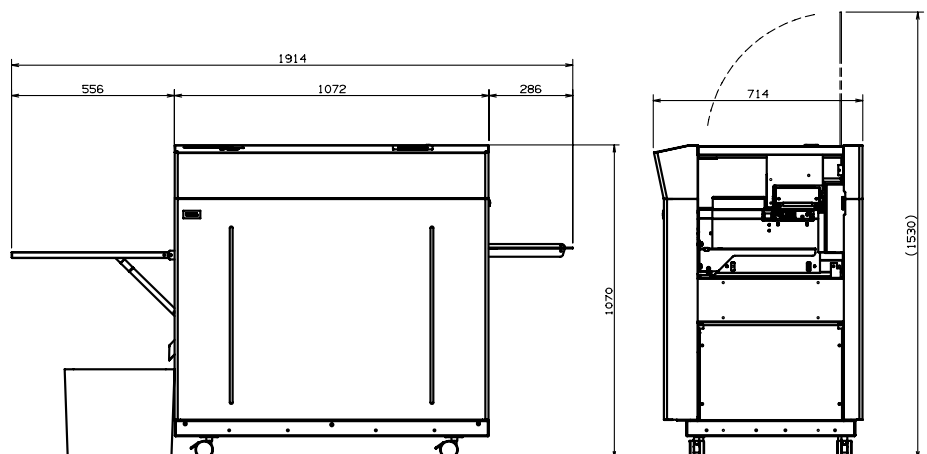| Option	Description
Perforation unit	Including 2 perfing wheels. Enables the machine to perforate sheets along feeding direction.
Bar code reader	Adds the machine capability to read barcode for job changing and preventing contamination.
Plug-in software kit	Including LAN connector and plug-in software for Adobe Indesign. Allows operators to create perfect programs and bar codes for AeroCut on laptops and send them to the machine.
Business card slitter unit	Allows the machine to slit and cut 25up full-bleed business cards out of a SRA3 sheet.
Ionizer	Prevents double feeds and mis-feeds at feeding unit.

Perforation unit

Barcode reader

Dimensions

1914
556
1072
286
1070
714
(1530)