

UCHIDA

UCHIDA CUTTER & CREASER AEROCUT ONE



AeroCut One

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.

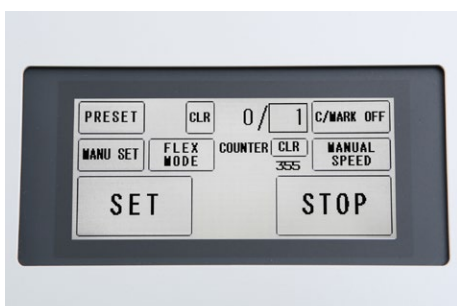
Slitting / Cutting Units

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

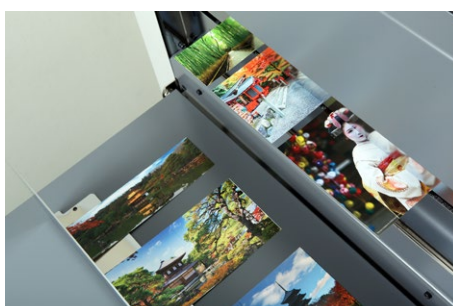
The AeroCut One feeds printed stocks one-by-one from the top of the ream on the feed tray. The air-suction top feed system feeds even coated stock precisely without damage. There are several features to ensure feeding several weights and qualities of stocks every time.

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.



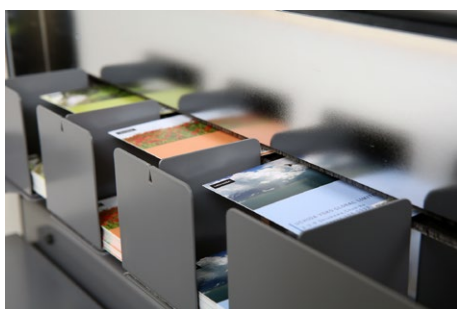
Flex mode

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.



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.

* Depending on paper quality and surface finishing.

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 | 100-120V or 200-240VAC, 50/60Hz |
| Power consumption | 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 perfin 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. |

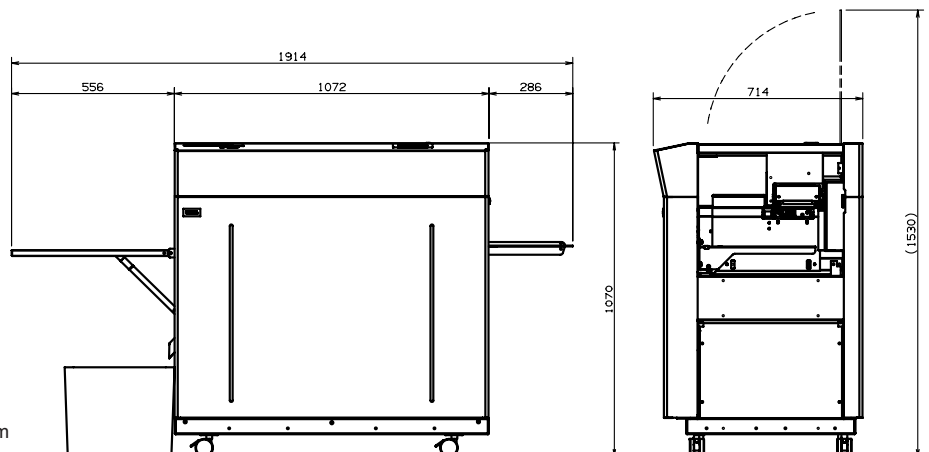


Perforation unit



Barcode reader

Dimensions



UCHIDA YOKO GLOBAL LIMITED

4-7 Shinkawa 2-Chome, Chuo-ku Tokyo, Japan
Tel: +81(3)3555 4781 Fax: +81(3)3555 6423
Email: sales@uchidayoko.com Website: www.uchida-machinery.com