

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.



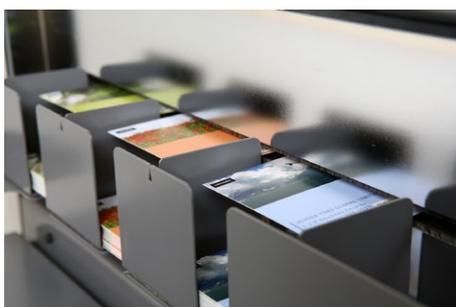
Flex mode

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.

* 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	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 pering 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.

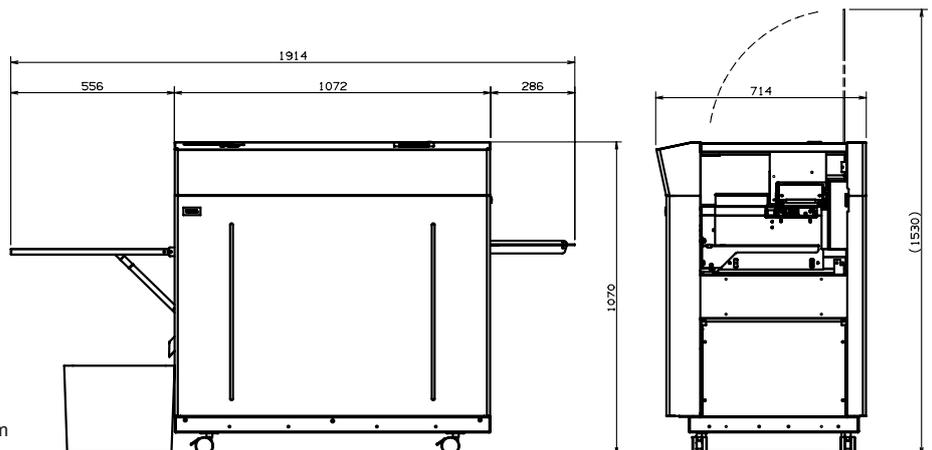


Perforation unit



Barcode reader

Dimensions



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UCHIDA

UCHIDA CUTTER & CREASER **AEROCUT PRIME**



AeroCut Prime

The most productive and versatile digital finisher, ever.

The AeroCut Prime is the top-end slitter/cutter/creaser featuring technologies and knowledges stored since the launch of original AeroCut in 2009.

Laser-sharp accuracy.

The AeroCut Prime 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.

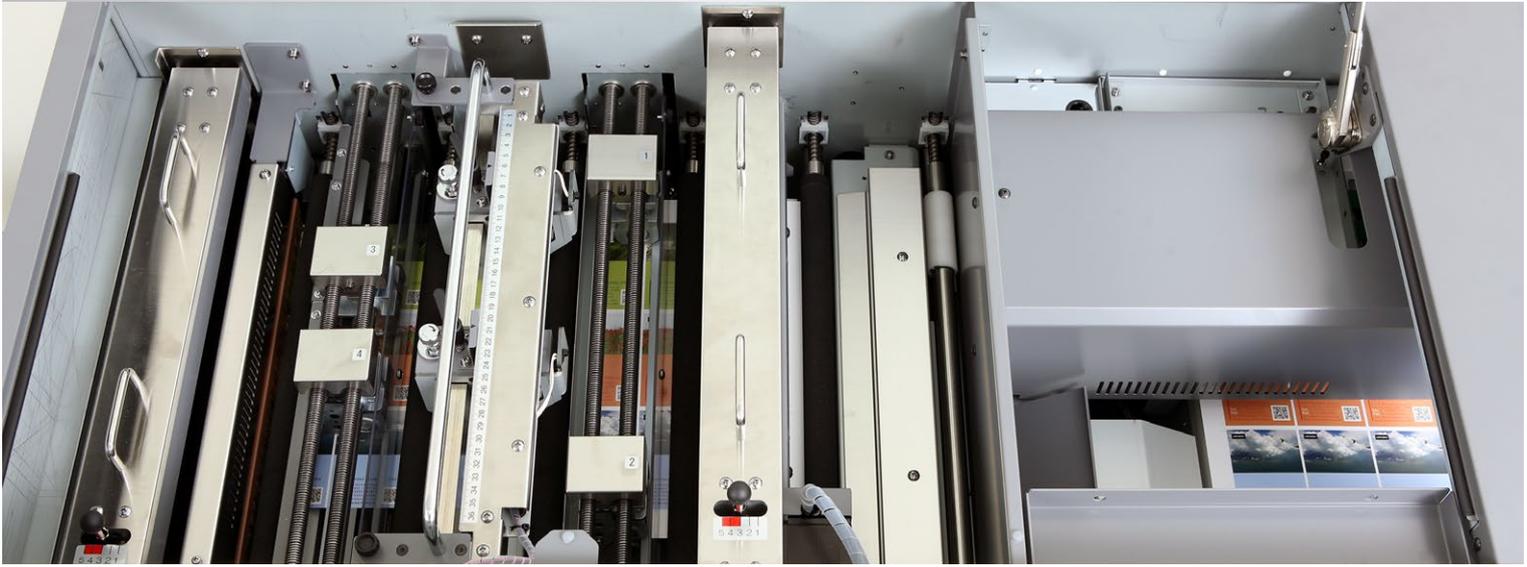
Great expandability.

The AeroCut Prime has capability to perforate stocks both across and along feeding direction by adding on optional perforating units. The AeroCut Prime Complete Package offers full versatility and convenience of the machine.

The ultimate weapon for digital printers.

AeroCut Prime 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 Prime 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 Prime, allowing the machine to offer world-class creases on digitally printed stocks. Creasing pressure can be adjusted in 5 levels instantly by shifting the lever.

Slitting / Cutting Units

The AeroCut Prime 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 Prime 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 7" touch screen, the AeroCut Prime allows operators to set job programmes and run the machine intuitively and instantly.



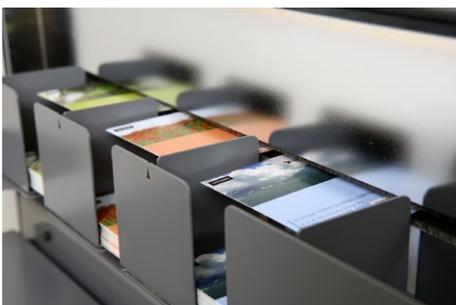
Expandable feed tray

The expandable feed tray is capable to feed stocks up to 680mm in length. Most of the stocks for today's digital print can be finished on the AeroCut Prime. The stacking capacity is 100mm.



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 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 Prime 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 Prime now has detachable rollers, not only making cleaning easy, but gives better access to components in case of a paper jam.

Figures

370x680mm
14.5"x26.75"

Maximum paper size

400 gsm
stock

Maximum paper weight
*Depending on paper quality

268 preset jobs
150 customised jobs

Job memories

15,120 business cards
single cuts
as standard
22,500 business cards
single cuts
with option

Productivity *per hour, best efforts

6,720
post cards

Productivity *per hour, best efforts

1,260
A3 leaflets (centre crease)

Productivity *per hour, best efforts

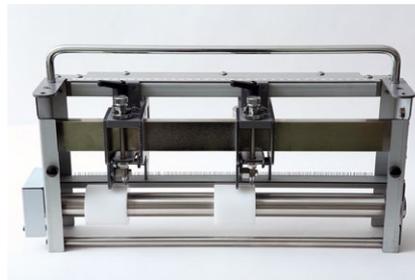
Specifications

Model	AeroCut Prime
Functions	Slit, cross cut, crease, *perforate, *score, *slit-score
Feedable paper size	210(W)x210(L) - 370(W)x680(L) mm
Minimum finished size	55(W)x45(L) mm
Paper weight	120 - *400 gsm *Depending on paper quality
Operation	7" 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.)	9x 21up business cards (SRA3) 14x 8up post cards (SRA3) 15x 4up greeting cards (SRA3) 21x A3 leaflet + centre crease (SRA3)
Dimensions	1,177(W)x770(D)x1,050(H) mm
Footprint	2,018(W)x770(D) mm
NET Weight	260kg
Power supply	100-120V or 200-240VAC, 50/60Hz
Power consumption	single phase, 400W

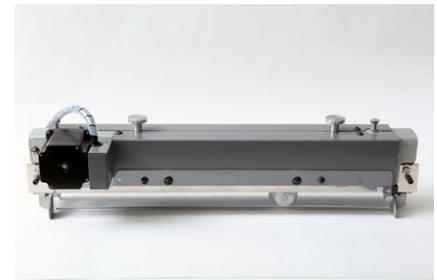
*Specifications are subject to change without notice.

Accessories

Option	Description	Complete Package
Belt conveyor delivery	750mm length conveyor tray. Finished products will be neatly delivered.	Included
Cross perforation unit	Enables the machine to perforate sheets across feeding direction. Both strike and partial perforation.	Included
Jump perforation unit	Including 2 pering wheels. Enables the machine to perforate sheets along feeding direction. Both full length and jump perforation.	Included
Bar code reader	Adds the machine capability to read barcode for job changing and preventing contamination.	Included
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.	Included
Business card slitter unit	Allows the machine to slit and cut 25up full-bleed business cards out of a SRA3 sheet.	Option
Ionizer	Prevents double feeds and mis-feeds at feeding unit.	Option
Standard delivery tray	A standard delivery tray capable to stack finished products up to 680mm in length. Optional for the complete package.	Option

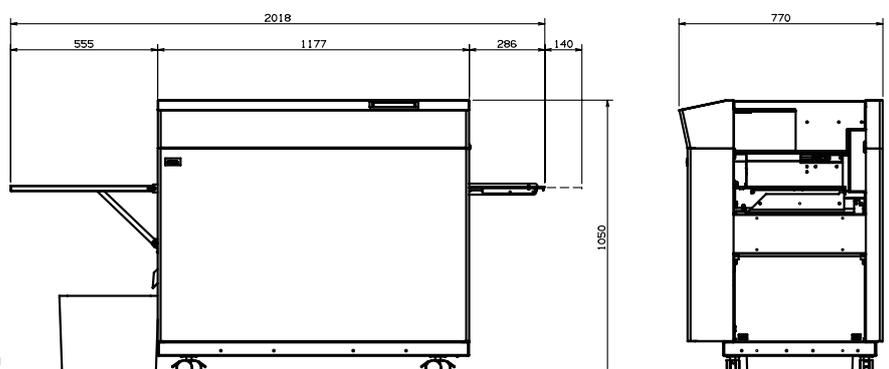


Jump perforation unit



Cross perforation unit

Dimensions



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UCHIDA

UCHIDA CARD CUTTER AEROCUT NANO PLUS



AeroCut nano plus

Your first AeroCut - The most reliable & versatile card cutter.

UCHIDA AeroCut nano plus is the high quality entry-model card cutter that can cut & cross cut prints by one pass. The AeroCut nano plus is an ideal solution for any digital printer to produce multiple sizes of cards as it can take paper stocks up to 330(W)x488(L)mm in size, 350gsm in weight.

The AeroCut nano plus is equipped with innovative air suction feeding mechanism to ensure beautiful and precise finishing every time.

Designed, built and inspected in Japan. Japanese engineering and craftsmanship made the AeroCut nano plus best of all card cutters.



Best features of the nano plus

Innovative feeding mechanism.

The AeroCut nano plus has an innovative upper-belt air suction feeding mechanism which can take wide range of paper stocks, sheet sizes from 210(W)x210(L) to 330(W)x488(L)mm and paper weights from 120 to 350gsm. The patent-pending "Tri-suction mechanism" prevents double feed and securely feed even slippery stocks.

The nano plus also has a double-feed detection sensor to avoid wasting valuable prints. In addition, it's cut-mark sensor read image drifts and registrate to finish every sheet beautifully. There is also an adjustment for skewed prints on the feed guide.



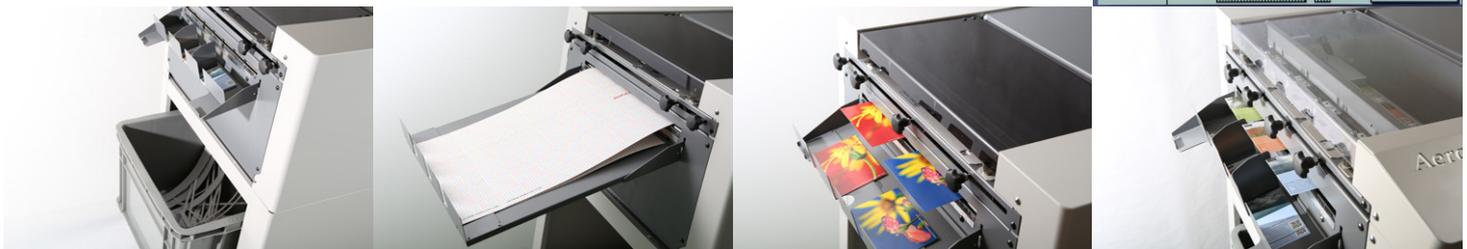
Unique job settings with *InstaSet bar and touch screen.

The AeroCut nano plus has 2 single blade margin slitters and 2 double blade gutter slitters. The positions of these slitters can be easily adjusted manually without any tools. UCHIDA's unique InstaSet bar indicates and fixes slitter positions accurately. By changing the InstaSet bar or sides of it, wide variety of jobs can be finished at comparatively low additional cost to "module type" machines. UCHIDA also prepares build-to order bespoke InstaSet bar for odd size jobs as you like. While widths of cards are fixed by InstaSet bar, the lengths of cards, lead edge and gutters can be easily programmed via smart touch screen. In addition to 16 pre-programmed jobs, 40 customised jobs can be stored into the machine.



User-friendly operation, perfect outputs.

UCHIDA AeroCut series have been loved for their user-friendliness - of course the nano is designed that anyone can produce perfect outputs. The simple touch screen and InstaSet bar settings are intuitive. The self-sharpening slitter blades and the guillotine ensure beautiful finishing every time for long terms. Your workspace will be kept always clean as the gutters are automatically deflected into the waste bin, and the outputs are collected and stacked in the flexible stacking tray.



Specifications

Basic functions	Slit, cross cut
Feedable paper size	210(W)x210(L) to 330(W)x488(L)mm
Minimum finished size	85(W)x50(L)mm
Paper weight	120 to *350gsm *Depending on paper quality
Speed	126 business cards/min.
Feeding mechanism	Tri-suction feeding mechanism (Patent pending)
Features	Quick & easy tool-free slitter position settings with *InstaSet bar Skew adjustment Cut-mark registration Double feed detection Detachable Machine table with waste bin Intuitive touch screen operation 16 preset jobs + 40 customized job memories
Dimensions	1024(W)x632(D)x1013(H)mm
Footprint	1190(W)x800(D)x1540(H)mm
Power source	100-240VAC, 50/60Hz, single phase
Power consumption	100W
Net weight	96kgs (with machine table)

*InstaSet bar (Standard)	A: SRA3/A3/A4 to 90mm width business cards B: SRA3/A3/A4 to 85mm width business cards
(Option Ver.1)	C: SRA3 to A3/A4 D: SRA3 to A5/A6
(Option Ver.2)	E: A3 to A4/A5 F: A3 to A6
Bespoke bar	Build-to-order InstaSet bar. Up to 4 slitter unit slots on one side - positions can be customized

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.

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