AeroCut Nano | AeroCut One
AeroCut Prime

THE LATEST GENERATION OF MULTI FUNCTION FINISHING SYSTEMS

AeroCut Nano

Your first AeroCut - An extreamley reliable & versatile card cutter.

Basic Functions & Features

The AeroCut Nano is the entry level model for cutting and slitting operations. It comes as standard with 2 single and 2 double slitter blades. These blades can be easily adjusted and secured using Uchida's new patented InstaSet bar technology. The operator is able to change jobs very quickly in the knowledge that production accuracy will be retained. As well as the standard InstaSet bar formats, the cutters can be manually adjusted for specific job sizes.
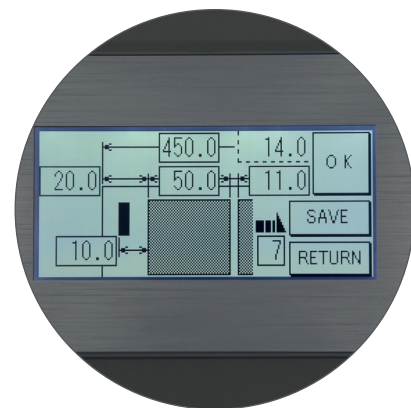
InstaSet bar: The patented InstaSet bar makes job change extremely easy and quick. Change from Business cards to post cards to A4, A5, A6 etc. All standard format sizes can be finished quickly and accurately, you can also order bespoke InstaSet bars for non-standard or bespoke job applications.

Lead edge sensor: Using a cut register mark detection system on all models, the AeroCut Nano lead edge sensor will detect the position of the printed image on each individual sheet.

Stable feeding mechanism: The AeroCut nano is equipped with stable upper-belt air suction feeding mechanism which can take wide range of paper stocks and sheet sizes from 210(W)x210(L) to 330(W)x488(L) mm along with paper weights from 120 to 350gsm. The feed table automatically elevates to separate the printed sheets to alleviate mis-feeding, along with any damage or roller-marks occurring on the finished products. The Nano also has a double-feed detection sensor to avoid wasting valuable prints. In addition, it's cut-mark sensor reads any image drift and will register to ensure a consistent finish on every sheet. There is also an adjustment to allow for printed sheets that are skewed.

Cutters can be manually adjusted for specific jobs sizes.

Intuitive user interface

The AeroCut Nano lead edge sensor will detect the position of the printed image on each individual sheet.

AeroCut Nano

Key Features

stock
350gsm*
Maximum paper weight

Maximum paper
size
330x488mm

Job memories
16preset jobs
40customised jobs

Speeds
(Sheets/min)

6x21up
Business cards
SRA3 Sheet

7x8up
Post cards
SRA3 Sheet

Standard InstaSet Bar Formats

Standard

A: SRA3/A3/A4(portrait) to 85/90mm width business card
B: SRA3 to A3/A4/A5/A6
Optional C: A3 to A4/A5/A6
D: A4(landscape) to 85/90mm width business card
E: A4(landscape) to A5/A6
F: SRA3/A3 to Photo L/2L
G: A4 to Photo L/2L
H: SRA3/A3/A4 to CD jacket

The patented InstaSet bar makes job change extremely easy and quick

High speed professional multi-function finishing

Basic Functions & Features

Creasing Unit: The rule & matrix creaser on the AeroCut One allows 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 for bleed centre gutters and deflects waste into a waste bin. The durable guillotine cuts stocks up to 400gsm* in weight. All the slitter and guillotine blades are self-sharpening.
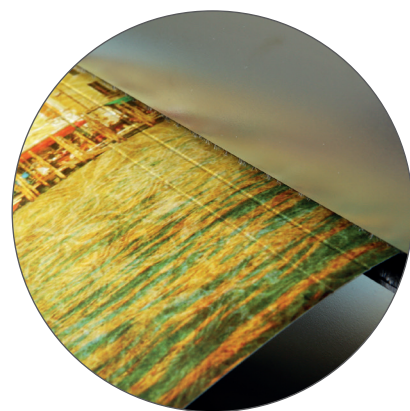
Feeding Unit: The AeroCut One is equipped with a stable upper-belt air suction feeding mechanism which can take a comprehensive range of paper stocks, weights & sheet sizes. The feed table automatically moves to separate the printed sheets to alleviate the chance of a mis-feed, along with any damage or roller-marks occurring on the finished products.

Intuitive operation: The built-in 4" touch screen 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 kinds of applications. The Flex mode program will allow you for instance to finish a 6pp A4 landscape brochure, taking a 900mm sheet.

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

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

World-class quality creasing

The durable guillotine cuts stocks up to 400gsm* in weight

Easy maintenance

Key Features

stock
400gsm*
Maximum paper weight

Maximum paper
size
370×900mm

Job memories
263 preset jobs
150 customised jobs

Speeds
(Sheets/min)

8×21 up
Business cards
SRA3 Sheet

12×4 up
Greeting cards
SRA3 Sheet

11×8 up
Post cards
SRA3 Sheet

15
A3 leaflet + centre crease
SRA3 Sheet

Options

Perforation unit: Including 2 perfing wheels, enables the machine to perforate sheets along feeding direction.

Bar code reader: Enables the machine to read barcode for seamless job change

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 using a PC or Mac 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.

AeroCut Prime

The most productive and versatile digital multi functional finisher, ever.

Basic Functions & Features

Creasing Unit: The Aerocut Prime is equipped with a rule & matrix creaser, allowing the machine to offer world-class creasing on digitally printed stocks. Creasing pressure can be adjusted easily by selecting one of the five preset creasing options.

Slitting / Cutting Units: The AeroCut Prime comes equipped with 2 single blade slitters to trim top & bottom margins of sheets, and 2 double blade slitters for bleed and centre gutter. Waste is efficiently deflected into an on-board waste bin. The durable guillotine cuts stocks up to 400gsm in weight. All the slitter and guillotine blades are self-sharpening for longevity.

Feeding Unit: The AeroCut Prime feeds digital or offset stocks one at a time 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.

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.

Cross Perferation: Enables the machine to perforate sheets across the feeding direction. Capable of strike and partial perforation.

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 term.

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.

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

Cross perforation

Intuitive operation

Easy maintenance

AeroCut Prime

Key Features

stock
400gsm*
Maximum paper weight

Maximum paper
size
370x900mm

Job memories
268 preset jobs
150 customised jobs

Speeds
(Sheets/min)

9x21 up
Business cards
SRA3 Sheet

15x4 up
Greeting cards
SRA3 Sheet

14x8 up
Post cards
SRA3 Sheet

21
A3 leaflet + centre crease
SRA3 Sheet

Bar code reader:
Enables the machine to read barcode for seamless job change

WiFi Enabled

PRODUCT SPECIFICATIONS

AeroCut Nano

Basic functions	Slit, cross cut	Features	Skew adjustment
Maximum paper size	330(W)x488(L)mm		Cutmark registration
Minimum paper size	A4		Double feed detection
Minimum work size	85×50 mm		Touch screen with 40 job memories
Paper weight	120-350 gsm	Dimensions	565(W) x632(D) x963(H) mm
	Depending on paper quality	Footprint	1190(W) x800(D) x1540(H) mm
Speed	126 business cards = 6 x SRA3 spm*	Net weight	70 kg
Feeding system	Upper belt air suction feed	Power source	100-240VAC, 50/60Hz
		Power consumption	100W

AeroCut One

Basic functions	Slitting, Cross cutting	Min. finished size	Width 55 mm
	Creasing		Length 45 mm
	Perforating	Paper weight	120 - 400 gsm
	Score	Speeds	168 business cards = 8 x SRA3 spm*
Operation	Touch screen		28 x A5 Greetings Cards = 7 SRA3 spm*
Feeding system	Air blow + Upper belt suction feed		8 x A4 4pp leaflets = 8 SRA3 spm*
	Cut mark register + Skew adjustable	Dimensions	1,072(W) x714(D) x1,070(H) mm
	Double feed detectable	Footprint	1914(W) x 714(D) x 1500(H) mm
	Capacity 100 mm	Net weight	240 kg
In-feed paper size Min.	Width 210 - 365 mm	Power supply	100-120V or 200-240VAC, 50/60Hz
	Length 210 - 520 mm (900mm in flexmode)		single phase, 400W

AeroCut Prime

Basic functions	Slitting, Cross cutting	Dimensions	1.177(W) x 770(D) x 1,070(H) mm
	Creasing	Footprint	2,018(W) x 770(D) x 1540(H) mm
	Cross Perforation, Micro perforating	Net weight	260 kg
	Score	Power supply	200 – 240 VAC 50/60Hz
Operation	5 inch colour touch-panel		2.0 – 1.7A 400W
Job memories	263 pre-set jobs		
	100 + 50 memories		
Feeding system	Air blow + Upper belt suction feed		
	Cut mark register + Skew adjustable		
	Double feed detection		
	Capacity 100 mm		
In-feed paper size	Width 210 – 365 mm		
	Length 210 – 520 mm (900 mm in flexmode)		
Min. finished size	Width 55 mm		
	Length 50 mm		
Paper weight	120 – 400 gsm		
Speeds	189 business cards = 9 x SRA3 spm*		
	60 x A5 Greetings Cards = 15 SRA3 spm*		
	22 x A4 4pp leaflets = 21 SRA3 spm*		

Options

Feeding unit:	Ionizer
Optional 25 up card cutting module	
Delivery:	Delivery conveyor capable of delivering finished products up to 680mm in length.

*spm = sheets per minute