



## Morgana Card Cutter Range

# Autocut Pro

The **Autocut Pro** delivers the benefits of three functions in one – **Precise cutting** and **slitting**, and high speed **creasing** in one easy to use system.

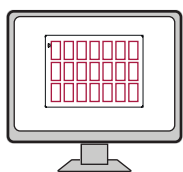


## AutoCut Pro

The Autocut Pro is a mid range model for cutting and slitting and creasing operations.

**Lead edge sensor:** Using a cut register mark detection system on all models, the Autocut Pro's lead edge sensor will detect the position of the printed image on each individual sheet.

**Stable feeding mechanism:** The Autocut Pro is equipped with stable upper-belt tri-suction feeding mechanism which can take wide range of paper stocks and sheet sizes from 210(W)x210(L) to 330(W)x490(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 AutoCut Pro 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.



Preset Fiery Imposition  
Templates



High Speed Creasing

## Stock Weight Range

120 - 350gsm

## Sheet Size Range

210 x 210mm -  
330 x 490mm

(700mm with optional long  
sheet kit)

## Production Speed

\*83 Sheets per min\*

\*Production speed based on A4  
single crease.

## Job Memories

16 preset 40  
customized

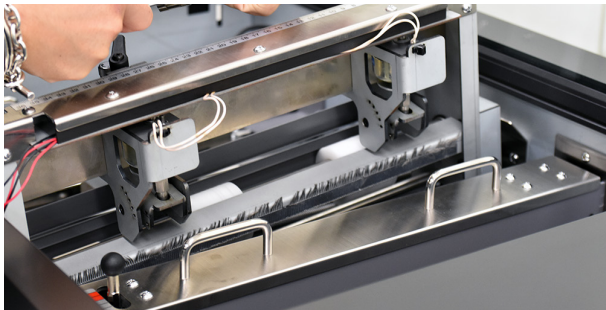
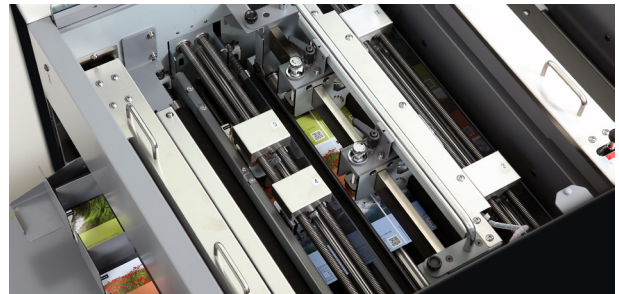
# AeroCut X and X Pro

Introducing the **NEW AeroCut X and X Pro** with up to **38% faster** operating speeds and **improved** user experience.



## Laser-sharp accuracy

The AeroCut X and X Pro are 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.

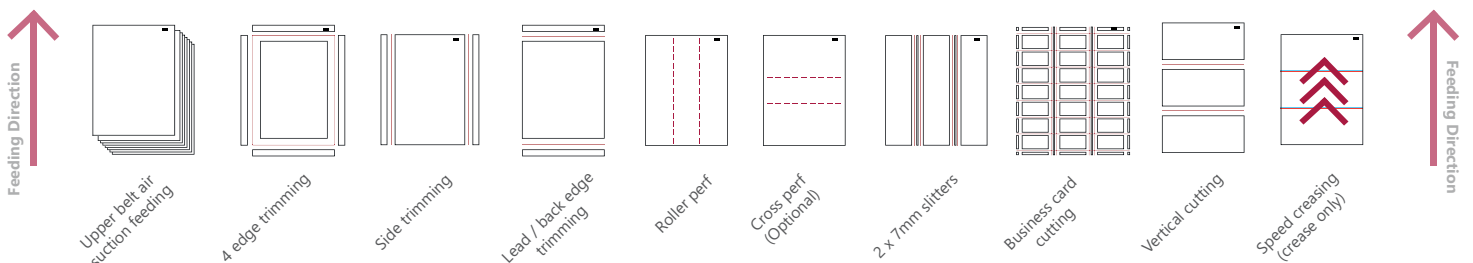


## Great expandability

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

## The ultimate weapon for digital printers

AeroCut X Pro 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 X and X Pro saves times and costs for any print shops, in-house printers, commercial printers etc.



# AeroCut X

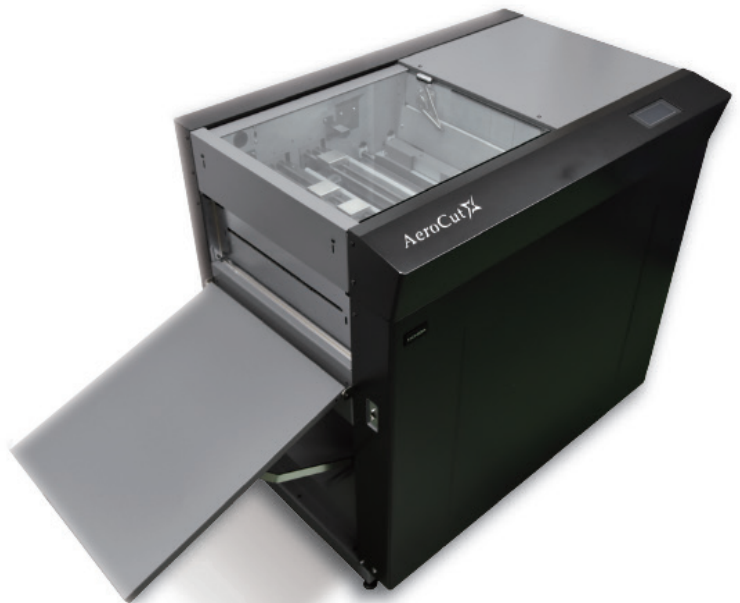
An **automated** solution for finishing short-run **digitally printed applications**, with **barcode reader** as standard.

## AeroCut X

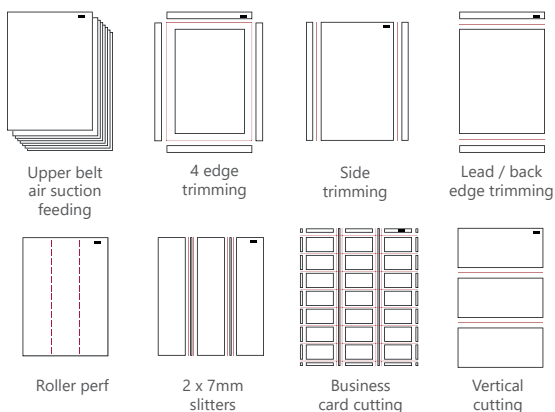
The AeroCut X is our basic slitter/cutter/creaser that can change jobs instantly. An ideal solution for finishing especially short-run digitally printed applications, such as business cards (10,800+ full bleed standard business cards per hour), post cards, invitations, greeting cards, leaflets, tickets and more.

The AeroCut X has an innovative patented feeding mechanism that drastically reduces the risk of double feeds and mis-feeds, this gives you greater productivity, accuracy and finishing every time. It features 2 single blade slitters to trim top and bottom margins of sheets, and 2 double blade slitters, bleed centre gutters and deflect wastes into a waste bin. The durable self sharpening slitter and guillotine cuts stocks up to 370x750mm - 400gsm, while the air-suction top feed system feeds coated stock precisely, feeding one-by-one from the top of the ream on the feed tray,

The AeroCut X now has detachable rollers, making cleaning and maintenance very easy.



## Basic Applications



## Automatically Program Your AeroCut!

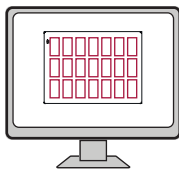
Free 1 year licence for Intellicut software directly connects the imposition design process with programming of the AeroCut Slitter/Cutter/Creaser. Use Intelli-cut to create AeroCut compatible design layouts and compose barcode ready PDF print files with your artwork. That's it! Intellicut will send the exact cut, crease and perforation settings to the AeroCut through your office network connection, allowing your operators to pick up their print and put it right into the AeroCut. The AeroCut reads the barcode and automatically adjusts the machine to create perfectly finished pieces!

# AeroCut X

Stock Weight Range	Sheet Size Range	Production Speed	Job Memories
120 - 400gsm	210 x 210mm - 365 x 750mm	36 Sheets per min* <small>*Production speed based on A4 single crease.</small>	266 preset 150 customized



Barcode Reader Included



Preset Fiery Imposition Templates



1 Year Free Intellicut-Software

## Options

Perforation unit	Including 2 perforing wheels. Enables the machine to perforate sheets along feeding direction.
Business card slitter unit	Allows the machine to slit and cut 25up full-bleed business cards out of a SRA3 sheet.
Belt conveyor delivery	750mm length conveyor tray. Finished products will be neatly delivered.
Stacker wire	Supports neat and consistent stacking of cards.
Guillotine ionizer	Prevents paper strips to remain on a guillotine and cause paper jam.
Waste delivery conveyor	Deliver paper strips into a waste bin. An opetor may empty the waste bin less often.
Feed table extension	Enables the machine to feed longer sheets, up to 1,200mm.
Ionizer (feeder)	Prevents double feeds and mis-feeds at feeding unit.
Standard delivery tray	A standard delivery tray capable to stack finished products up to 750mm in length. Optional for the complete package.





# AeroCut X Pro

Our most **productive** and versatile **multi functional document finisher. Slit, cut, crease and perforate** all in one pass.

## AeroCut X Pro

The AeroCut X Pro is the latest in Morgana’s range of multifunction finishing devices, designed to automate the key finishing processes in one simple to operate, compact machine. The machine is a highly accurate slitter, cutter and creasing device, that can take your oversized stock up to 370mm x 750mm from a digital or litho press and deliver a wide range of finished documents. It can also perforate stocks both across and along feeding direction. The Cross perforation unit enables the machine to perforate sheets across feeding direction, both strike and partial perforation. The jump perforation unit includes 2 perfin wheels, this enables the machine to perforate sheets along feeding direction, both full length and with jump perforation.

The AeroCut X Pro features 2 single blade slitters to trim the top and bottom margins from the sheets, 2 double blade slitters

remove the bleed from the centre gutters and deflect wastes into a waste bin. The durable self sharpening guillotine cuts stocks up to 400gsm.

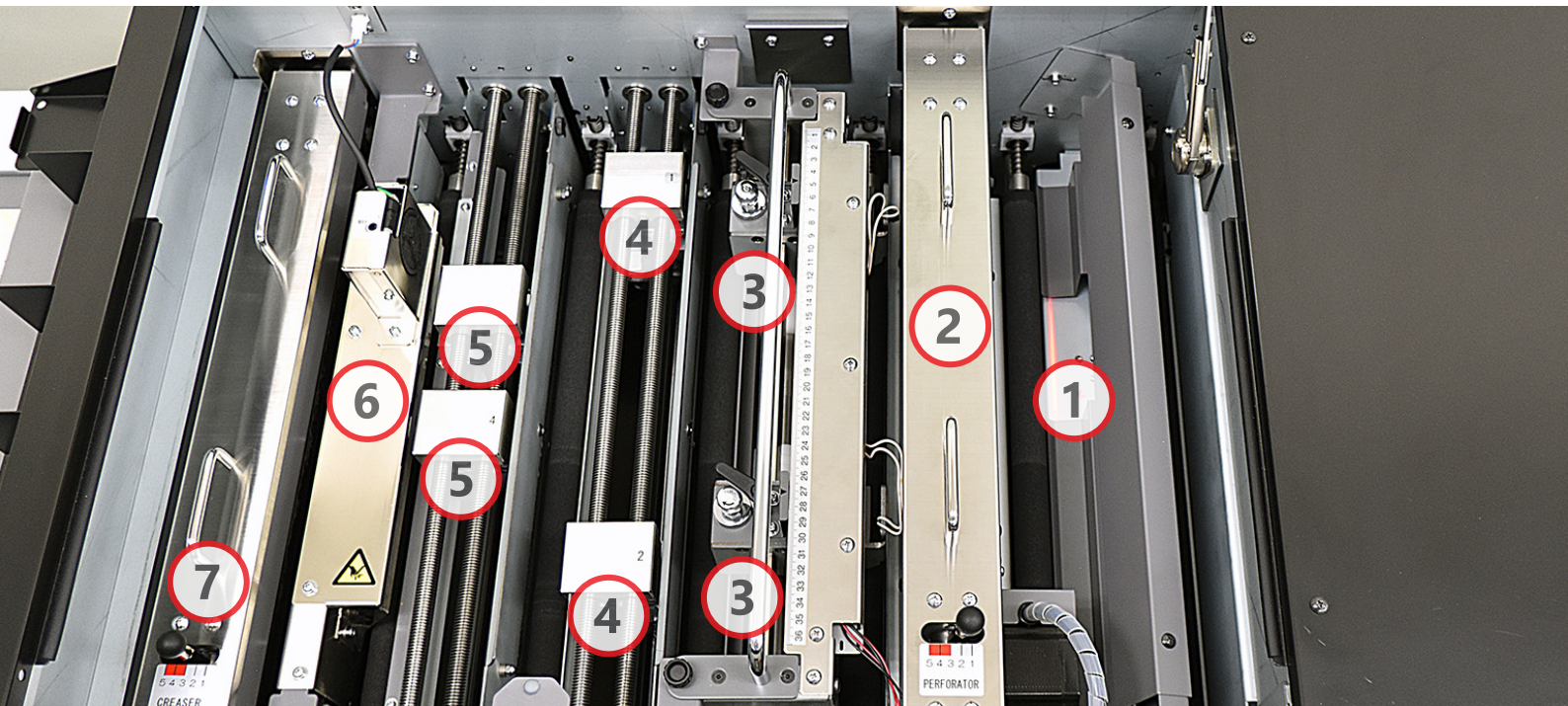
The AeroCut X Pro’s air-suction top feed system feeds, precisely and without damage, a variety of weight and quality of stock one-by-one from the top of the ream. The feed tray has a stacking capacity of 100mm.

The AeroCut X Pro is an ideal solution for finishing especially for short-run digitally printed applications such as business cards, cutting 16,000 standard cards per hour and 7,000 post cards per hour. It will also cut invitations, greeting cards, leaflets, tickets and much more. A bar code reader gives the machine the capability to read a barcode for job changing and to prevent errors.

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

## Modules

1	Barcode Reader and Registration Mark Reader
2	Cross Perforation, Adjustable Pressure and Travel
3	2 x Jump Perforators, Adjustable Depth, Distance and Number of Jumps
4	Slitters 1 & 2 Single Blade No Gutter
5	Slitters 3 & 4 Dual Blade with 6mm Gutter
6	Guillotine with Ionizer
7	Rule & Matrix Creasing Blade with Adjustable Pressure



# AeroCut X Pro

## Stock Weight Range

120 - 400gsm

## Sheet Size Range

210 x 210mm -  
370 x 750mm

(Up to 1600mm in flex mode)

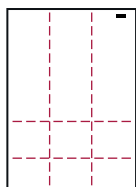
## Production Speed

\*68 Sheets per min\*

\*Production speed based on A4 single crease.

## Job Memories

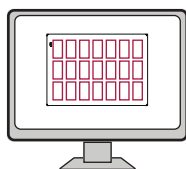
266 preset 150 customized



Cross & Jump Perforation



Barcode Reader Included



Preset Fiery Imposition Templates



1 Year Free Imposition Software



High Speed Creasing

## Options

Waste delivery conveyor	Deliver paper strips into a waste bin. An opetor may empty the waste bin less often.
Business card slitter unit	Allows the machine to slit and cut 25up full-bleed business cards out of a SRA3 sheet.
Feed table extension	Enables the machine to feed longer sheets, up to 1,200mm.
Ionizer (feeder)	Prevents double feeds and mis-feeds at feeding unit.
Standard delivery tray	A standard delivery tray capable to stack finished products up to 750mm in length. Optional for the complete package.



Waste delivery conveyor (Optional)



# Technical Specifications

	<b>AutoCut Pro</b>	<b>AeroCut X</b>	<b>AeroCut X Pro</b>
Basic functions	Slit, Cross Cut,	Slit, cross cut	Slitting, cross cut
	Creasing	Creasing	Creasing
	High Speed Crease	Perforating	Perforating
		Score	Score
		Slit-score (Optional)	Slit-score
Operation	4" Touch screen	7" Touch screen	10" Color touchpanel
Job memories	16 preset jobs	266 preset jobs	266 preset jobs
	40 memories	100 + 50 memories	100 + 50 memories
Feeding system	Upper belt tri-suction feed system	Upper belt tri-suction feed system	Upper belt tri-suction feed system
	Cut mark register + Skew adjustable	Cut mark register + Skew adjustable	Cut mark register + Skew adjustable
	Double feed detectable	Double feed detectable	Double feed detectable
	Capacity 100mm	Capacity 100mm	Capacity 100mm
In-feed paper size	Width 210 - 330mm	Width 210 - 370mm	Width 210 – 370 mm
	Length 210 - 490mm (700mm with optional long sheet kit)	Length 210 - 750mm (up to 1600mm with support)	Length 210 - 750mm (up to 1600mm with support)
Min. finished size	Width - 85mm	Width 55mm	Width 55 mm
	Length - 50mm	Length 45mm	Length 45 mm
Paper weight	120 - 350gsm	120 - 400gsm	120 – 400 gsm
Speeds	21 up business cards (SRA3): 10 sheets / min.	21 up business cards (SRA3): 8 sheets / min	21 up business cards (SRA3): 9 sheets / min
	8 up post cards (SRA3): 10 sheets / min	8 up post cards (SRA3): 13 sheets / min	8 up post cards (SRA3): 14 sheets / min
	1 crease (A4): Up to 83 sheets / min	1 crease (A4): Up to 36 sheets / min	1 crease (A4): Up to 68 sheets / min
Dimensions	840(W) x 790(D) 1090(H)mm	1,062(W) x 763(D) x 1,076(H)mm	1,177(W) x 709(D) x 1,076(H) mm
Footprint	600(W) x 790(D)mm	1903(W) x 763(D)mm	2,397(W) x 709(D)mm
Net weight	200kg	270kg	290kg
Power supply	100 - 220VAC 50/60Hz	100-120VAC or 200-240VAC, 50/60Hz	100-120VAC or 200-240VAC, 50/60Hz

\*Disclaimer As part of our continued product improvement plan, specifications and information published here are subject to change without notice. All specifications are dependent on application, type of stock, temperature, RH and print engine used. Specifications quoted were measured on uncoated and unprinted stock. E & OE.