



A3MAX4/4 PRO /A3MAX5 PRO AUTOMATIC SHEET CUTTING WITH FIRST EVER ROTARYTOOL FOR THICK CREASING

Do you need a digital sheet cutter that can do more than just vinyl sticker or adhesive cutting? Do you need to have a sturdy strong equipment to handle the assortment of media that comes hot off the digital printer and press?

Have you ever wondered if on one single sheet cutter you can handle a whole lot more professional cutting and creasing that gives you the finished that your clients expect today? Introducing the best of sheet cutting A3Max4 PRO and A3Max5 PRO today.

The sheet cutter plotter automatically feed and off load when cut contour is complete. You can leave it running while multi-tasking with assured accurate cut results each and every time. It cuts on heavy and light stock material, with precision and speed for Print ON Demand reliance and faster turnaround. Technological advanced, accurate, it never fail to please.



FEATURES AND ADVANTAGES:

***Powered by a high-performance servo motor system** that delivers exceptional precision and reliability. This industrial-grade motor provides consistent cutting force and speed control, ensuring clean, accurate cuts across various materials.

***With an impressive stacking capacity of up to 180 sheets** (material-dependent), it significantly reduces the need for frequent reloading, maximizing your production efficiency. This high-capacity stacking system enables longer unattended operation runs, allowing your team to focus on other tasks while the machine works continuously.

***The servo motor's advanced control system ensures:**

- Precise blade positioning and movement for intricate cutting patterns
- Consistent cutting pressure across the entire sheet stack
- Reduced wear and tear, extending the machine's operational lifespan

High stacking capacity and servo motor precision means you can handle larger production runs with minimal supervision, reducing costs while maintaining exceptional output quality.

***Delivers exceptional cutting accuracy with a precision tolerance of ± 0.01 mm (± 10 microns),** setting a new standard in digital finishing technology. This microscopic level of accuracy—approximately the width of a human hair—ensures that every cut is executed exactly as designed.

What This Means:

- **Perfect Registration via CCD system** - Multiple applications and kiss-cutting operations align with minimum flaw, eliminating gaps, and reducing misalignment at its best
- **Consistent Repeatability** - in a production run to match and maintain production standards and minimizing variations
- **Reduce Material Waste** - Precise cutting allows for tight nesting of designs, maximizing material usage and reducing costs
- **Clean Finishing** - Sharp edges with smooth cuts without manual trimming (through blade setting refinement)

Delivering an impressive daily cutting capacity of 1400–1800 sheets. This high-throughput capability, combined with versatile half-cut and full-cut support, positions the cutter as a true workhorse for demanding finishing operations.



Precision: The machine boasts a high cutting precision of ± 0.01 mm, which is crucial for achieving clean and consistent results when working with precise film materials like PP, PET, Art card, ..

Thickness: The A3Max4 Pro is rated to handle materials up to 400 gsm or 1 mm thickness. This accommodates common PET film thicknesses, such as 75 to 125 microns (0.075mm to 0.125mm) used for labels and overlays.

Automation: The built-in CCD camera system ensures precise contour cutting of pre-printed sheets, which is a significant productivity booster for label production. It uses either the corner marks or circular register marks for precise registration.

Functionality: Features a dual-head system, with one head for cutting and the other for creasing, (first ever industry rotary powered creasing tool) allowing for fully automated, single-step operation. It can perform both half-cuts (for stickers) and full cuts (for boxes/tags).

Speed: Powered by a servo motor for faster, quieter, and more stable operation. Cutting Precision: Highly accurate with a cutting precision of ± 0.01 mm and a repeat precision of 0.082 mm. Max Speed: Capable of high speeds, with max cutting and moving speeds up to 1600 mm/s.

Compatibility and connectivity: Works with industry-standard design software like CorelDRAW®, Adobe Illustrator®, and Sign-master. Offers multiple connection options, including Wi-Fi, USB cable, and U-disk (USB flash drive), for flexible file input.

TECHNICAL SPECIFICATIONS:



Model:	A3Max4 PRO/A3Max4	A3Max5 PRO
Type:	Advanced Auto Feeder Cutting & Creasing Machine(Top Stack Feed)	Advanced Auto Feeder Cutting & Creasing Machine (Vaccum Depth Feed)
Max. cutting width:	370mm	370mm
Contour cutting size:	350mm	350mm
Creasing tool:	Advanced Rotary Tool	Advanced Rotary Tool
Number of Heads:	2 (optimized Dual Head)/1Head A3Max4	2 (optimized Dual Head)
Auto Cut:	Powered by CCD camera	Powered by CCD camera
Max Cutting Speed:	1600mm / s	1800mm / s
Motor mechanism:	Enhanced Servo Motor	Enhanced Servo Motor
Max Cut Force:	2000/3000 g	3500 g
Cutting Precision:	±0.01 mm	±0.01 mm
Connectivity:	USB / Wi-Fi / Ethernet / Bluetooth	USB / Wi-Fi / Ethernet / Bluetooth
Compatible software:	CorelDraw, Adobe Illustrator, SignMaster	CorelDraw, Adobe Illustrator, SignMaster
Display:	5 inch HD Touch Screen	5 inch HD Touch Screen
Voltage:	110V / 220V AC, 50/60 Hz	110V / 220V AC, 50/60 Hz
Power Consumption:	≈ 150W	≈ 200W
Dimension (LxBxH):	780 x 570 x 530 mm	820 x 600 x 560 mm
Nett Weight:	50 KG	55 KG