ExpressCutPRO™
Digital Flatbed Cutter

ExpressCutPRO™ Digital **Flatbed** Cutting System

ExpressCutPRO™ is a digital cutting system engineered to reduce labor, increases profits, and improve efficiency by automatically cutting fully printed rolls of DTF (direct to film) transfers, sublimation transfers, pressure sensitive vinyl, reflective vinyl, window film, sandblast masking, HTV (heat transfer vinyl), PET (polyester film), gasket material, vinyl decals, paint protection film, and other films. ExpressCutPRO™ features an integrated conveyor belt allowing the device to automatically feed printed or unprinted material from a roll for processing into precisely cut ready to use finished images.

EASE OF USE

- **Seamless Workflow Integration:** An exceptional cutter requires outstanding workflow integration, and ExpressCutPRO has just that. The cutter conveniently connects to WiFi, Ethernet, USB cable, or USB stick so it can be operated anywhere.

- **High Performance Camera:** Equipped with a high-quality CCD camera designed to read the most demanding registration marks and QR codes including reflective films, holographic films, DTF films, UV DTF films, and clear films. The camera reads the registration marks quickly and automatically loads the corresponding cutting profile.

- **Quality Meets Efficiency:** The ExpressCutPRO™ can process a 24 inch x 34.5 inch area in only 30-60 seconds.

- **Plug & Play:** Integrating ExpressCutPRO™ into your existing printing workflow is simple. ExpressCutPRO™ offers support from multiple RIP platforms and an easy-to-use touchscreen panel for quick straight forward setup of cut jobs

FEATURES

- All steel component construction
- 7" Touch screen for easy operation and control
- CCD (charge-coupled device) digital camera support for crop mark and QR code detection
- Support for QR codes to identify cut jobs
- Support for crop marks, roll or sheet cutting
- CCD support for black marks on standard media and white marks for transparent media
- Support for a variety of roll cutting formats
- Connectivity via USB, WiFi and Ethernet
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ExpressCutPRO™ Specifications

Cutting control system	High-power brushless servo motors
Positioning sensor type	CCD (charge-coupled device) digital camera
Control Panel	7 inch capacitive touch screen
Tool holder quantity	One (1) tool holder
Tool models	Blade, pen
Media hold method	Vacuum suction
Scanning code type	Registration mark or QR code
Maximum cutting size	25 inches x 34.6 inches / 640mm x 880mm
Scanning speed	+/- 5 seconds
Cutting speed	10 - 700 mm/s
Cutting force	0 - 750g
Maximum media weight	250g (varies by type of material)
Media feeding method	Auto feeding system via conveyor belt and friction
Maximum diameter of roll	7.87 inches / 200mm
Sheet feeding speed	100 - 600 mm/s
Minimum character cutting size	.0155 inches / 10mm (varies by media type)
Mechanical resolution	0.02mm
Programmable resolution	HPGL 0.025mm
Repeat precision	≤0.05mm
Connectivity	Wifi / Ethernet / Usb
Software compatibility	Adobe Illustrator Plug-in, SAI*, CadLINK*
Power requirements table / Vacuum pump	110v 50/60Hz, 6.8a / 110v 50hz, 13a
Working environment	Temperature: 41°F-95°F / Humidity 30%-75% RH
Machine dimensions	65 inches x 44.5 inches x 40.2 inches
Shipping dimensions	70 inches x 57 inches x 26.5 inches
Internal memory for cutting files	128M
Shipping weight	609 Lbs. / 276kg
Manufacturer	Saga CNC
Part number	55-SG2534-ECP

* Driver in engineering que at software developer