COLEX
FINISHING SOLUTIONS

SHARP**CUT**

SHARPCUT **PRO** DIGITAL CUTTING SYSTEMS
FOR GRAPHIC SIGNS AND TEXTILE FINISHING

New

YOU PRINT
WE CUT

SHARPCUT PRO SX1732

- *Increased Cutting Speeds*
- *Increased Acceleration*
- *Triple Interchangeable Tool Head*
- *Vision Registration, Camera & Software*

U.S. and Imported parts
Made in the
USA
UL-60950 (CSA) Compliant

UL COMPLIANT

• Versatility • Speed • Price

The Perfect Combination

AFFORDABILITY **M**EETS **P**RODUCTIVITY

SHARPCUT PRO SERIES DIGITAL CUTTING SYSTEMS

COLEX

FOR DIGITAL PRODUCTION OF:

Graphics
2-Dimensional signs, decals, banners, outdoor exhibits and intricate lettering can all be knife cut or routed within minutes.

Displays & POP's
3-Dimensional displays produced by contour cutting, trimming, routing and creasing for both rigid and flexible media.

Packaging
Short production runs of corrugated board, folding carton, and foam board are produced easily with automatic cutting and creasing material such as paper board, chipboard, micro-flute, honeycomb and much more.

Textile/Fabric
Cutting textiles, fabrics and other fibrous materials can be done with the Sharpcut's motorized fabric cutter.

Optional
The Sharpcut is available with a conveyor belt for automatic loading to increase productivity.

TRIPLE INTERCHANGEABLE TOOL HEAD

- Optional fixed router plus two interchangeable tool positions for cutting tools and creasing wheels.
- Computer indicates proper tool for each job.
- Optional add-on tools for cutting and creasing are available to customize work flow.
- The router debris collector includes a spring loaded hold-down foot that prevents media shifting while routing (especially helpful when routing small pieces).

VISION REGISTRATION
The Sharpcut, powered by Colex Cut Center can read a wide range of registration marks including circles, squares, corners, and the material edge.

Colex Cut Center 8 – Features & Benefits:
- 40+ File format support
- Material Library
- Over cut Compensation
- Automatic Bridging
- Scaling & Distortion Correction
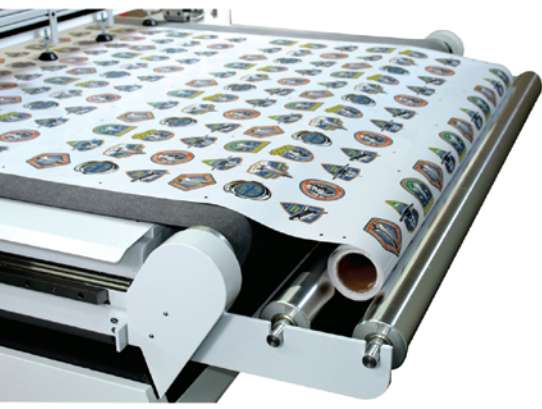- 3.1Mp CMOS Registration Camera

ROBUST CONSTRUCTION

- **The Colex Sharpcut Flatbed cutting table is constructed with a one-piece steel welded frame. This guarantees cutting of roll media and rigid boards to deliver clean, smooth edge quality.**
- **All movements (X,Y,Z,W) are powered by the latest technology of Panasonic Servo Motors.**
- **The gantry is made out of an Aerospace aluminum alloy, robust enough to accommodate the optional 3HP or 5HP Router.**
- **Helical rack and pinion drive for reliability, long life, and cost efficient maintenance.**
- **Designed and assembled in Elmwood Park, New Jersey.**

VACUUM SYSTEM
- Energy Efficient Vacuum System
- Independent Vacuum Zones (1.5kw each)
- Industrial Vacuum Motors for longevity

WE FINISH

Foam Board	Paper/Card Stock
Gator Foam	Honey Comb Board
Styrene	Vinyl
PVC/PVC Foam	Aluminum
Wood/MDF	Canvas
Textile/Fabric	Acrylic/Plexi
Coroplast	Aluminum Composite
And more….	

U.S. and Imported parts
Made in the USA
UL-60950 (CSA) Compliant

UL COMPLIANT

ROLL MEDIA FEEDER

Included with all conveyor models. Optional Manual Roll Feeder available for Standard models

AUTOMATIC BOARD FEEDER & PALLET TABLE

The automatic board feeder is designed to load semi rigid to rigid boards from the pallet table onto the conveyor belt. It is designed to work with a large array of material sizes and thicknesses. The pallet table will automatically maintain the material height. It drops down to 6" height for easy loading and unloading.
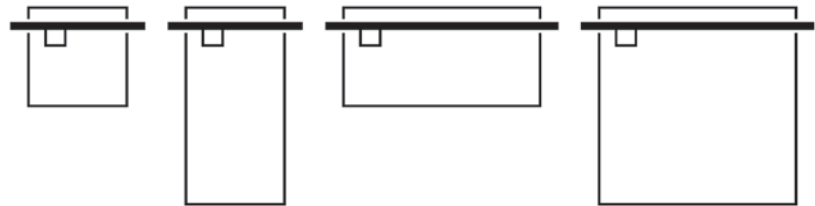
Available on Conveyor Models Only.

COMPATIBLE SOFTWARE (OPTIONAL)

- CAD & Graphic Design Systems
- 3D Routing Software
- 2D Engraving Software
- Packaging Design
- And More

COMPUTER STAND & WINDOWS 10 SOFTWARE INCLUDED

COLEX SHARPCUT FLATBED CUTTER MODELS

SX1717	SX1732	SX3216	SX3232
5.5' X 5.5'	5.5' x 10.5'	10' x 5'	10' x 10'

SPECIFICATION	SX1717	SX1732	SX3216	SX3232
Working Area	67" x 67"	67" x126"	126" x 64"	126" x 126"
Machine Dimensions	98" x 90"†	98" x148"†	158" x 90"†	158" x 150"†
Tool Head	Triple Interchangeable Tool Head	Triple Interchangeable Tool Head	Triple Interchangeable Tool Head	Triple Interchangeable Tool Head
Camera	Industrial 3.1Mpixel	Industrial 3.1Mpixel	Industrial 3.1Mpixel	Industrial 3.1Mpixel
Vacuum System	4 Zone (5 kWatt)	6 Zone (7.5 kWatt)	6 Zone (7.5 kWatt)	16 Zone (20 kWatt)
Rapid Speed	50 IPS/76 m/min	80 IPS/122 m/min	41.6 IPS/63.5 m/min	41.6 IPS/63.5 m/min
Acceleration	.86 G	.86 G	.52 G	.52 G
Bridge Clearance	4.0"	4.0"	4.0"	4.0"
Max. Cutting Thickness	2.5"	2.5"	2.5"	2.5"
Recommended Floor Space	14' x 14'	14' x18'	19' x 14'	19' x 19'
Machine Weight	3,000 lbs*	3,500 lbs*	4,000 lbs*	5,400 lbs*

Add 500 lbs for a Conveyor Model   † Add 18" for a Conveyor Model

COLEX FINISHING SOLUTIONS

Digital Color INK

WWW.DIGITALCOLORINK.COM

BALTIMORE, MD | CHARLOTTE, NC

TOLL: 877.616.8600