

COLEX

FINISHING SOLUTIONS

SHARPCUT

YOU PRINT
WE CUT

SX SERIES DIGITAL CUTTING SYSTEMS
FOR GRAPHIC SIGNA AND TEXTILE FINISHING



• Versatility • Speed • Price
The Perfect Combination

AFFORDABILITY MEETS PRODUCTIVITY

SX SERIES DIGITAL CUTTING SYSTEMS

FOR DIGITAL PRODUCTION OF:

Graphics

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

Displays & POP's

3-Dimensional product displays by contour cutting, trimming, routing and creasing for both rigid and flexible media.

Packaging

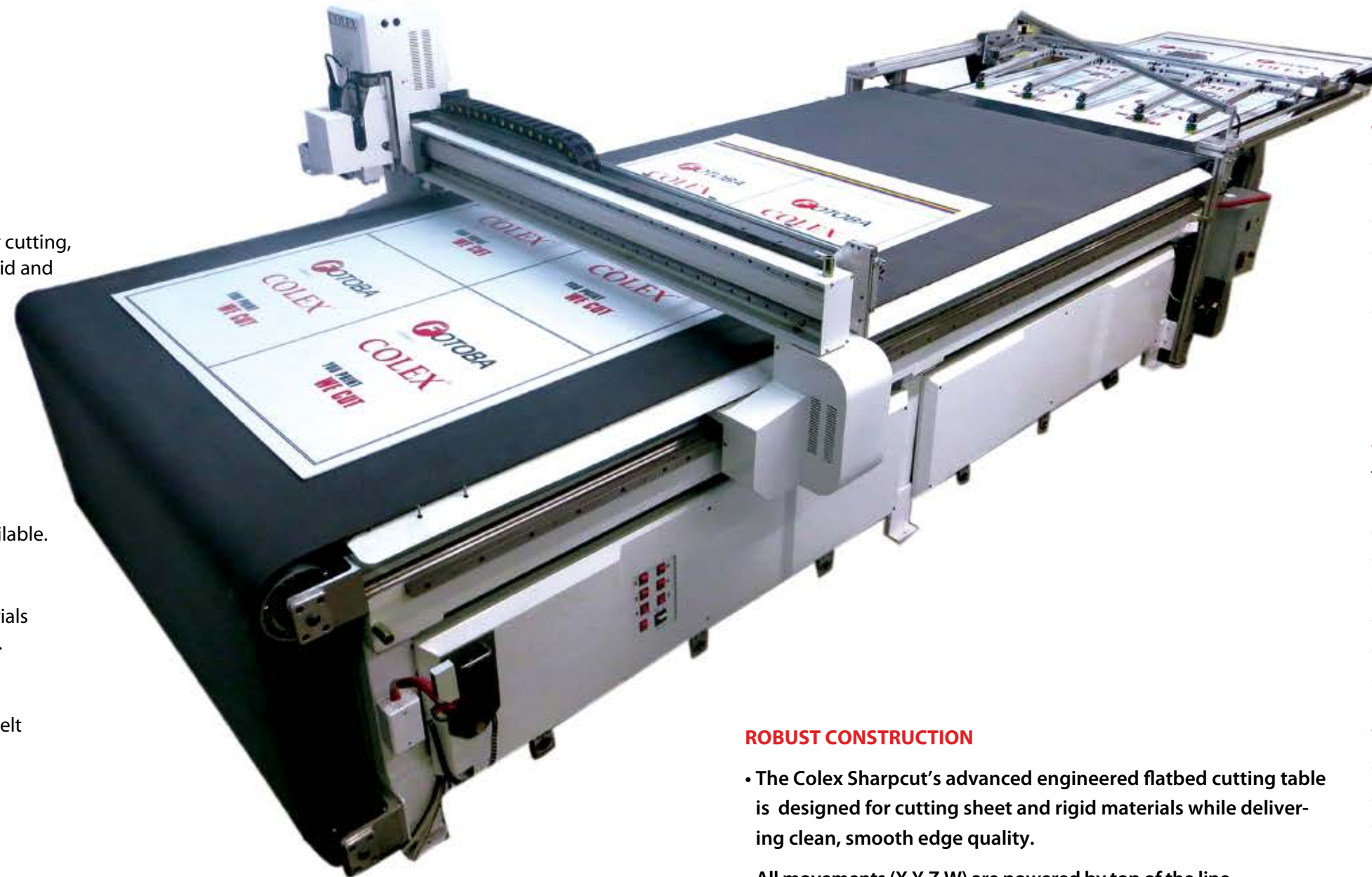
Samples for corrugated, folding carton, foam and other packaging needs are produced easily with automatic cutting and creasing on materials such as paperboard, chipboard, micro-flute, corrugated, honeycomb and much more. Optional packaging design software is available.

Textile/Fabric

Cut textiles, fabrics and other fibrous materials with the Sharpcut's motorized fabric cutter.

Optional

The Sharpcut is available with a conveyor belt and automatic loading features which will increase productivity.



WE FINISH

Foam Board

Gator Foam

Styrene

Sintra/PVC

Wood/MDF

Textile/Fabric

Coroplast

Paper/Card Stock

Honey Comb/Falcon Board

Vinyl

Aluminum

Canvas

Acylic/Plexi

DiBond

And more....



TRIPLE INTERCHANGEABLE TOOL HEAD

- Fixed router with two interchangeable tool positions for various knives and creasing wheels.
- Computer selects proper tool for each job.
- Optional add-on tools for cutting and creasing are available to customize workflow.
- The new router debris collector has incorporated a spring loaded hold-down foot that inhibits media shifting while routing (especially helpful when routing small pieces).

VISION REGISTRATION

- The Sharpcut, powered by Colex Cut Center can ready any diameter registration mark, crop mark or square resulting in highly efficient production.
- Colex Cut Center Import Filters & File Import Filters
 - Material Library
 - Edge Recognition
 - Overcut Compensation
 - CCD Registration Camera

VACUUM SYSTEM

- 6 Independent Vacuum Zones
- Energy Efficient/Low Power Consumption
- Industrial Vacuum Motors for Durability

COMPATIBLE SOFTWARE (OPTIONAL)

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

COMPUTER, STAND & WINDOWS SOFTWARE INCLUDED

ROBUST CONSTRUCTION

- The Colex Sharpcut's advanced engineered flatbed cutting table is designed for cutting sheet and rigid materials while delivering clean, smooth edge quality.
- All movements (X,Y,Z,W) are powered by top of the line Panasonic Servo Motors.
- The gantry is made out of Aerospace aluminum alloy, strong enough to accommodate the optional 3HP Router.
- Rack and pinon drive for reliability, long life, and cost efficient maintenance.
- Designed & Assembled in Elmwood Park, New Jersey..



TRIPLE INTERCHANGEABLE TOOL HEAD

- 3HP Router upgrade option
- For Rigid Media Workflow
- Laser Pointer Standard
- Camera Registration Standard



LASER OPTION

Syrad Laser 40 Watt, Air Cooled, CO2 for Textiles, Fabrics, Acrylics, Wood, and more. Even more versatility with our textile laser cutter option! The Sharpcut can handle all of a PSP's finishing needs with a single solution at an affordable price.

- Change from routing to laser cutting in minutes
- Automatic finishing of textiles in rolls.
- Accurate cutting or printed flags and banners.
- Welded, sealed edges for a more attractive finish versus knife cutting-no fraying!
- Achieve more intricate cuts on a wide array of materials- acrylics, woods, paper productions and more.



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' in height for easy loading and unloading.

Available on Conveyor Models Only.



MOTORIZED ROLL FEEDER & EXIT TAKE UP



MODEL	FLOOR SPACE REQUIRED (ft)	WIDTH in (cm)	LENGTH in (cm)	WORKING AREA in (cm)	BED SIZE in (cm)
SX-1616 (5'x5')	14x14 (4.3x4.3)	87 (214)	84 (214)	63x63 (160x160)	64x64 (162x162)
SX-1631 (5'x10')	14x18 (4.3x5.5)	87(214)	140 (356)	63x122 (160x310)	64x124 (162x315)
SX-3232 (10'x10')	20x20 (6x6)	158 (402)	146 (371)	127x128 (322x325)	128x130 (325x330)

* Conveyor Model increase in length by 1ft (30cm)



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