Sharpcut Conveyor & Auto Feeder

An affordable automated finishing system

Sharpcut is the versatile Flatbed Cutter, which serves markets requiring automatic knife cutting, creasing and routing operations.

The Sharpcut includes a fixed knife, oscillating knife and router allowing the capability for a multitude of applications.

Optional add-on tools are available allowing customers to customize their cutter to suit their specific needs and workflow.

The Sharpcut production power and quick tool change ensures on-time delivery, even for the most complex jobs. Whether the job requires cutting sheets or rigid materials, the Sharpcut always delivers clean, smooth and accurate edge quality. The gantry's X/Y axis movement is driven by a rack and pinion system which increases the longevity and endurance of the cutter when comparing it to a belt driven system. The rack and pinion system is powered by servo motors and requires minimum maintenance driving downs costs of owning the Sharpcut. The Z-axis is a ball screw driven mechanism also powered by a Panasonic Servo motor that guarantees high performance, accuracy and reliability.

Sharpcut is: versatility + speed + accuracy + affordable price.

The Sharpcut Conveyer applications

- Removal of Finished Jobs: The Sharpcut Conveyor efficiently speeds up the removal of finished jobs from the cutting table.

- Fabrics/Textiles Cutting: Combine the Sharpcut Conveyor with the Roll Feeder and the Clamping Bar to cut fabrics / textiles.

- Board Cutting Pallet to Pallet: Combine the Sharpcut Conveyor with the Automatic Board Feeder (including Pallet Table) and Clamping Bar for board cutting. Cuts up to 70 boards (soft) 1200 x 2400 mm per hour.
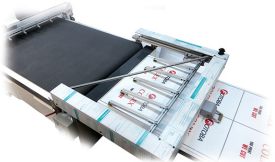
FEATURES AND BENEFITS

- **Conveyor belt & Auto feeder**
- **Automated Finishing System**
- **Universal Triple Tool Head**
- **Vision Registration System & Camera**
- **Energy Efficient 6-Zone Vacuum System**
- **Solid Steel Welded Frame**
- **Precision Balanced Aluminum Rollers**
- **One Machine, Endless Possibilities**

Manufactured by

COLEX®
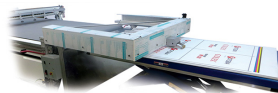
Wide format print finishing solutions
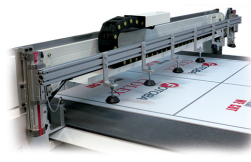# Digital Flatbed Cutter

Sharpcut Conveyor

Automatic Board Feeder
The 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.

Pallet Table
When used with the Automatic Board Feeder the pallet table will automatically maintain the material height.

Clamping Bar
The clamping bar insures material advancement at the same rate as the belt advances. The clamping bar is to be used in conjunction with either the Roll Feeder or the Automatic Board Feeder.

Roll Feeder
Combine the Sharpcut Conveyor with the Roll Feeder and the Clamping Bar to cut fabrics/textiles. For manual and automatic feeding of flexible rolls. Roll feeder is included on all conveyor models.

	Sharpcut SXC-1616	Sharpcut SXC-3216	Sharpcut SXC-3232
Part no	T00106	T00107	T00109
Lenght	1520mm (1600mm)	3050mm (3200mm)	3050mm (3200mm)
Width	1520mm (1600mm)	1520mm (1600mm)	3050mm (3200mm)
Floor Space Requiered	4300x4600mm	4300x5800mm	4300x6400mm
Weight	885kg	1340kg	3150kg
Speed	1070mm/sec	1070mm/sec	1070mm/sec
Tools	3 tools included	3 tools included	3 tools included
Vacuum Zones	4 Vacuum Zones	6 Vacuum Zones	6 Vacuum Zones
Power Requirements	220V-Single Phase-30 amps	220V-Single Phase-40 amps	220V-Single Phase-90 amps
Sound Proofing Vacuum Area	Included	Included	Included
Software	Included	Included	Included
Computer & Stand	Included	Included	Included
Installation & Training	Included	Included	Included
Automatic Board Feeder	Option	Option	Option
Pallet Table	Option	Option	Option
Clamping Bar	Option	Option	Option
Roll Feeder	Included	Included	Included

Tools:

T00126	Oscillating Knife
T00120	Rotating Fixed Knife/Die Cut
T00135	Kiss-Cutting
T00130	Creasing Wheel
T00138	Fixed Knife For Coroplast
T00139	Universal Single-Edge Knife
T00140	V-Cut Knife
T00141	Universal Drawing Tool
T0015	Router 3Hp

YouTube movies avalible for online demo.

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