

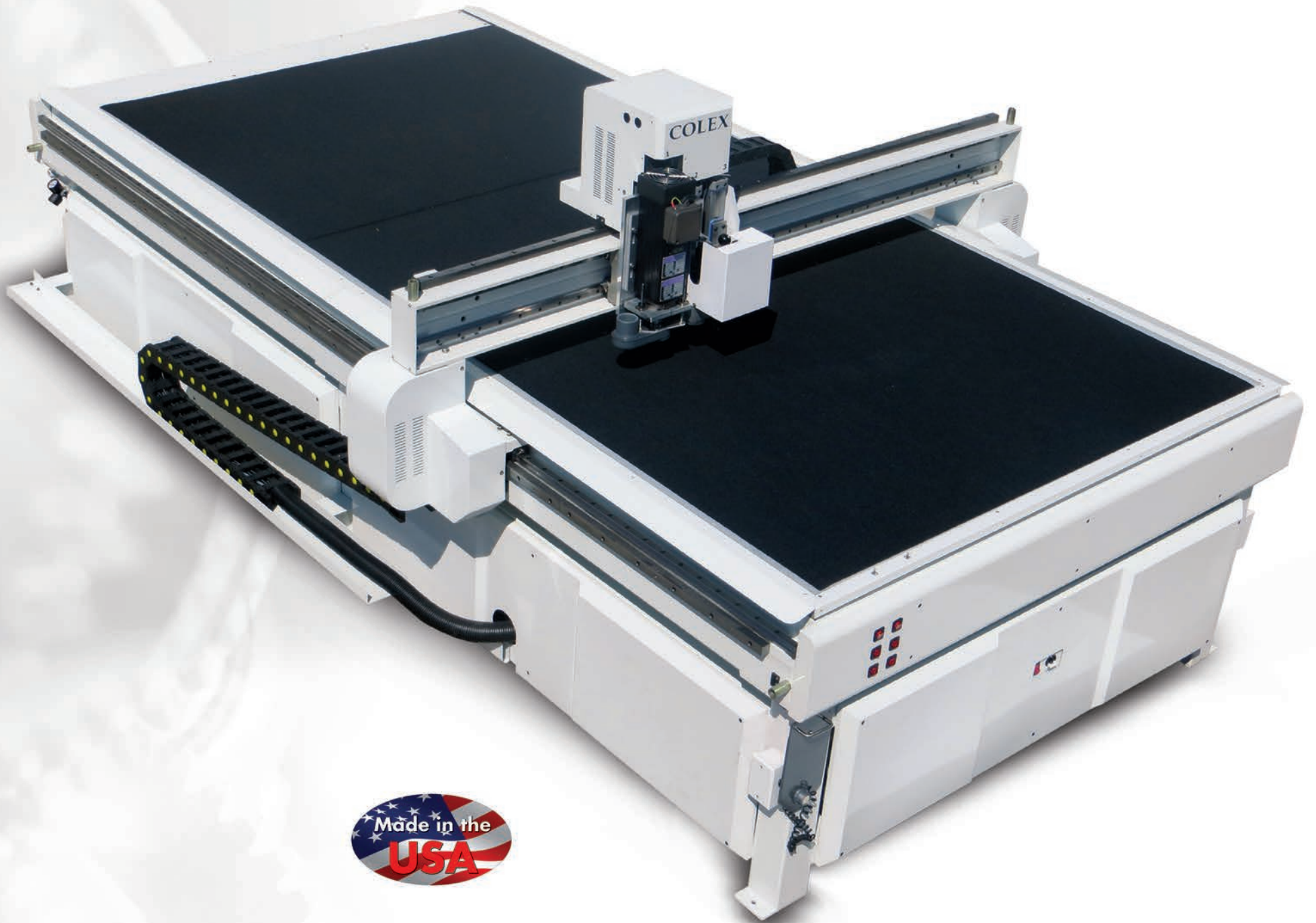
# COLEX

AUTOMATION SOLUTIONS

## SHARPCUT

YOU PRINT  
WE CUT

SX SERIES DIGITAL CUTTING SYSTEMS  
FOR GRAPHIC SIGN AND FINISHING PRODUCTION



• Versatility • Speed • Price

*The Perfect Combination*

AFFORDABILITY MEETS PRODUCTIVITY

# SX SERIES DIGITAL CUTTING SYSTEMS

## FOR DIGITAL PRODUCTION OF:

### 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.

### Graphics

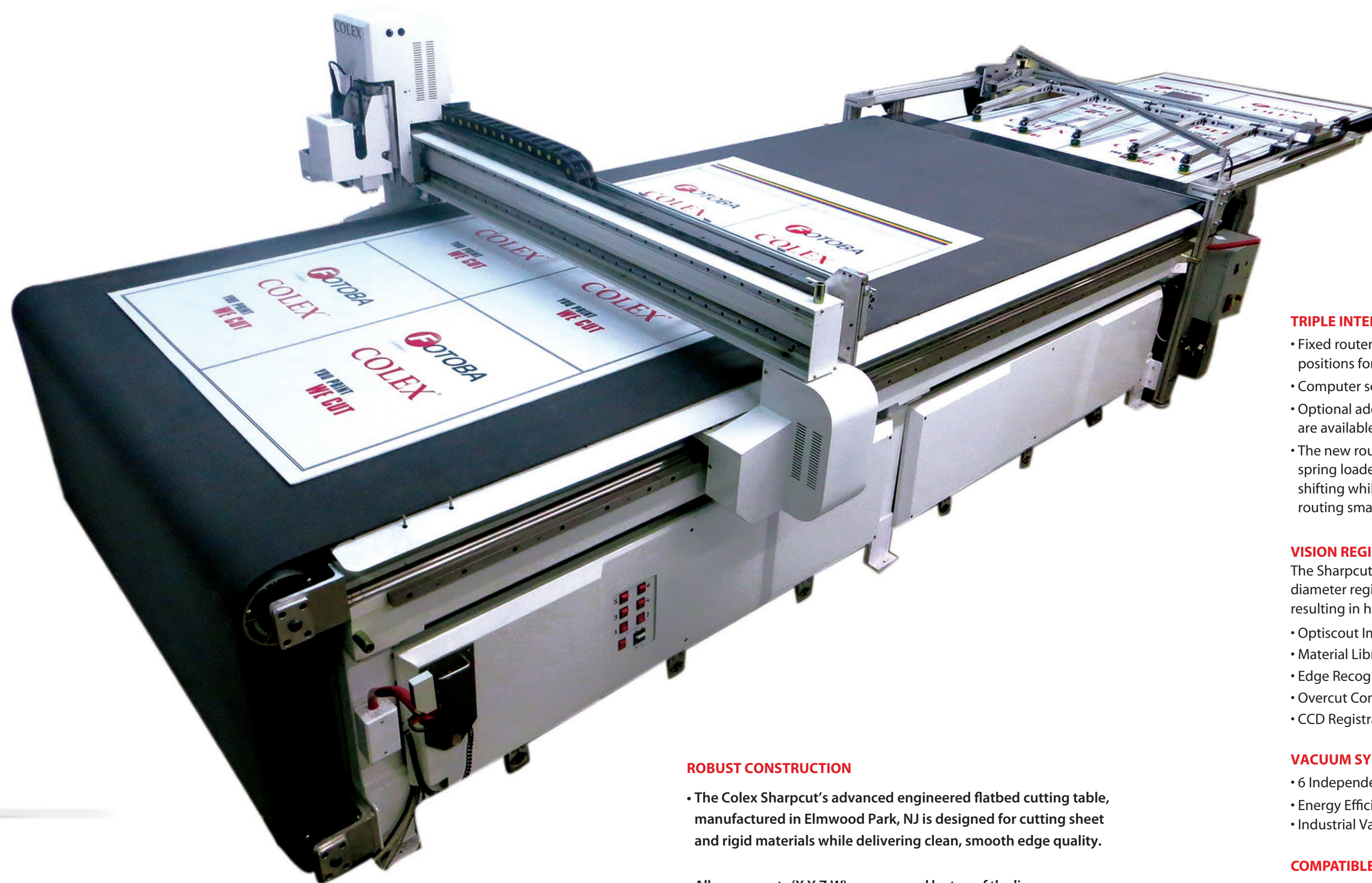
2-Dimensional signs, decals, banners, outdoor exhibits and intricate lettering can all be cut, trimmed, or routed within minutes.

### 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.



### 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 Optiscout, can read any diameter registration mark, crop mark or square resulting in highly efficient production.

- Optiscout 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, manufactured in Elmwood Park, NJ 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.

### WE FINISH

Foam Board	Paper/Card Stock
Gator Foam	Honey Comb/Falcon Board
Styrene	Vinyl
Sintra/PVC	Aluminum
Wood/MDF	Canvas
Textile/Fabric	Acylic/Plexi
Coroplast	DiBond

And more....





**TRIPLE INTERCHANGEABLE TOOL HEAD**

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



**CONVEYOR ROLL FEEDER INCLUDED**

For manual and automatic feeding of flexible rolls.

*Optional manual roll feeder for non-conveyor models.*



**AUTOMATIC BOARD FEEDER**

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.

*Available on Conveyor Models Only*

**PALLET TABLE**

When used with the Automatic Board Feeder the pallet table will automatically maintain the material height. The pallet table drops down to 6" in height for easy loading and unloading.

*Available on Conveyor Models Only*



**CLAMPING BAR**

The clamping bar insures that the material advances at the same rate as the belt as it advances down the table. The clamping bar is to be used in conjunction with either the Roll Feeder or the Automatic Board Feeder to insure consistent material placement before cutting..

*Included in Conveyor Model Only*

MODEL	FLOOR SPACE REQUIRED (ft)	POWER REQUIREMENTS	WEIGHT LB(KG)	WIDTH in (cm)	LENGTH in (cm)	WORKING AREA in (cm)	BED SIZE in (cm)
SX-1616 (5'x5')	14x14 (4.3x4.3)	220V-Single* Phase-30A & 110V-15A	1950 (885)	84 (214)	84 (214)	63x63 (160x160)	64x64 (162x162)
SX-1631 (5'x10')	14x18 (4.3x5.5)	220V-Single* Phase-40A & 110V-15A	2950 (1338)	84 (214)	140 (356)	63x122 (160x310)	64x124 (162x315)
SX-3232 (10'x10')	20x20 (6x6)	220V-Three Phase-90A & 110V-15A	6950 (3152)	158 (402)	146 (371)	127x128 (322x325)	128x130 (325x330)

\* Conveyor Model requires 3-phase and an increase in length by 1ft (30cm)

