



ULTRACUT

VECTROCUT SONO™

INNOVATION
RELIABILITY
QUALITY



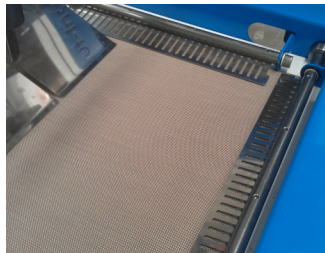
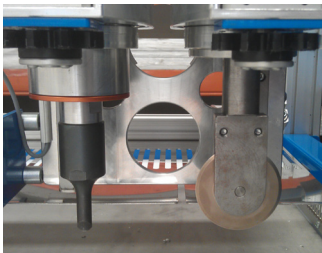


VECTROCUT SONO™

DUAL AXIS ULTRASONIC PRESSURE CUTTER

PRODUCTIVITY & EFFICIENCY

- Dual head design incorporates Ultrasonic & Pressure cutting tools into one machine with an easy press of a button which now allows one machine to cut all types of fabrics.
- Patented four sided clamping system ensures fabric is always clamped securely.
- Unique design does not require vacuum or plastic film overlay, thus saving labour and cost of sacrificial film.
- Small foot print with big output. Estimated 150+ blinds, 1 day output.
- Intuitive, easy to learn operator interface with our unique template programming system makes staff training easy. Up to 3 blinds nested at any one time.
- Direct Data Import Ready VIA USB or LAN makes data import fast and easy from MS Excel thus minimising operator error.
- Real time Job label printing with barcodes for easy tracking of components.
- Fabric library function allows you to save all cutting data for each fabric and recall at the press of a button.
- Background programming allows the machine to be cutting whilst entering the next jobs data saving a lot of time.
- Reduced floor space required as this machine combines both cutting technologies into one machine.



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Ultracut Industries Australia

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QUALITY & DESIGN

- Heavy Duty Precision Servo Motors give fast and super accurate positioning with excellent repeatability.
- Precision linear bearing slides with belt drive gives accurate long lasting linear movement with minimal maintenance.
- 10.4' Industrial Colour Touch Screen Interface provides an easy to use interface.
- Industrial Quality Electronics cabinet with controller ensures trouble free operation.
- Robotic flexible cable provides long lasting trouble free machine cutting.
- High grade Stainless Steel bench top gives a clean and long life cutting surface
- Powder coated steel table frame with aluminium extruded sub frame ensures consistent build accuracy and aesthetic design.
- One year warranty & Phone support give peace of mind.

SPECIFICATIONS

- Regular Size - 3.3mt X 4.1 mt Cutting capacity
- Large Externals Size - 3.3mt x 5.3mt Cutting capacity
- Ultrasonic & Pressure Cutting Tools
- Max speed - 1.4mt/sec
- Regular 220-240vac 10amp Supply Required





ULTRACUT

COMBOCUTTER™

**INNOVATION
RELIABILITY
QUALITY**





COMBOCUTTER™

SINGLE AXIS ULTRASONIC PRESSURE CUTTER

FEATURES

- Flick of a switch selection between Ultrasonic & Pressure/ Crush cutting tools
- Pneumatically adjustable Pressure & Ultrasonic tool adjustment
- Excellent Edge Sealing properties
- Dual, independent pneumatic clamps
- Ability to trim jobs down to 2mm
- Rigid quality welded and powder coated steel frame
- Heavy duty linear rail drive system
- Reliable Italian Ultrasonics with 12 year unbeatable history
- Full width slide backstop bar
- Maintenance free Rack & Pinion drive Synchronised Pressure Cutter
- Free Rolling feed rollers, Anodized Aluminium
- Adjustable levelling feet
- Minimal maintenance required. Some achieving 150,000 cycles before maintenance
- One year warranty & phone support with a proven service record worldwide

SPECIFICATIONS

- Standard Cutting Capacity Sizes : 3.4mt up to 5.1mt
- Maximum cutting speed 0.9 mt/sec
- 220-240vac or 110 vac mains power
- 100 psi compressed air



APPROX DAILY OUTPUT

- Manual Backstop 60-100 / Day
- Digital Backstop 80-120 / Day

UPGRADE OPTIONS :

BASIC DIGITAL BACKSTOP

- Heavy Duty Precision Servo Motor
- Fast Accurate Digital Positioning
- 4.7" Monochrome Touch Screen
- Electronic PLC control cabinet
- Durable belt drive system

ADVANCED DIGITAL BACKSTOP

- 7" Color Touch Screen
- Direct Data Import via Ms Excel File
- Label Printer with Job info
- USB and LAN connectivity
- Heavy Duty Precision Servo Motor
- Fast Accurate Digital Positioning
- Electronic PLC control cabinet
- Durable belt drive system



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ULTRACUT

SABRE 3.3™

**INNOVATION
RELIABILITY
QUALITY**





SABRE 3.3™

SINGLE AXIS PRESSURE CUTTER WITH INTEGRATED CREASER

FEATURES

- Automatic Cutting Via the flick of a switch
- Pneumatically adjustable Pressure cutting
- Ability to crease Romans at low pressure
- Pneumatically operated Cutting Head for Faster Cutting
- Ability to trim jobs down to 2mm
- Rigid laser cut powder coated steel frame
- Heavy duty linear rail drive system
- Air operated Clamping System
- Full width slide backstop bar with measuring tape
- Free Rolling feed rollers, Anodized Aluminium
- Adjustable levelling feet
- Minimal maintenance required
- Easy to setup for self install.
- Australian made and locally supported
- One year warranty & phone support with a proven service record worldwide

SPECIFICATIONS

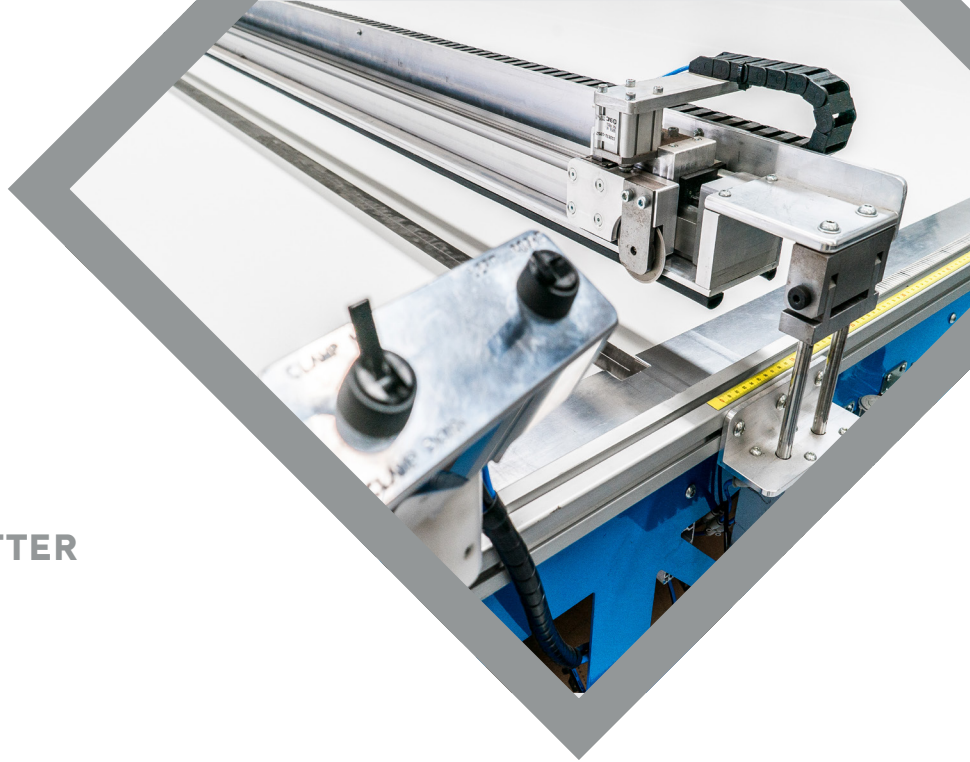
- Standard Cutting Capacity Sizes : 3.3mt
- No power required.
- 100 psi compressed air



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APPROX DAILY OUTPUT

- Manual Backstop 50-80 / Day
- Digital Backstop 70-100 / Day

UPGRADE OPTIONS :

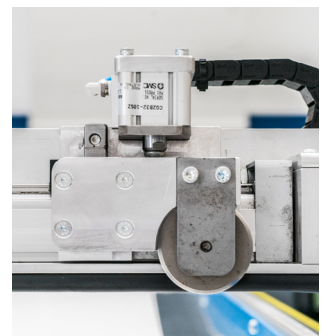
- Installation required with below options *

BASIC DIGITAL BACKSTOP

- Heavy Duty Precision Servo Motor
- Fast Accurate Digital Positioning
- 4.7" Monochrome Touch Screen
- Electronic PLC control cabinet
- Durable belt drive system

ADVANCED DIGITAL BACKSTOP

- 7" Color Touch Screen
- Direct Data Import via Ms Excel File
- Label Printer with Job info
- USB and LAN connectivity
- Heavy Duty Precision Servo Motor
- Fast Accurate Digital Positioning
- Electronic PLC control cabinet
- Durable belt drive system



AUTOMETRIX

PRECISION CUTTING SOLUTIONS



RADIUM

Automating your cutting shouldn't be a hard choice...
...take the step today and never worry about it again!

MODEL: RADIUM

THE RADIUM IS EQUIPPED WITH THE FULL FEATURE-SET AND BUILT-IN FLEXIBILITY REQUIRED TO SUCCESSFULLY CUT THE WIDEST RANGE OF MATERIALS. COMPANIES RELY ON THE RADIUM TO BE THE DEPENDABLE WORKHORSE IN THEIR CUTTING DEPARTMENT DAY-IN AND DAY-OUT.





Contact Autometrix and let's get started!



SPECIFICATIONS:

Max Cutting Speed: 45 in/s | 1.14 m/s

Max Acceleration: 0 to max in 0.32 sec

Accuracy: 0.020 in | 0.51 mm

Repeatability: 0.005 in | 0.13 mm

Motors: Servo Motors

Drive System: Rack & Pinion

Max Material Thickness: 2 in (lofted) | 50 mm

Included Cutting Tool Mounts: 2

Included Plotting Tool Mounts: 1

Optional Air Drill: 3

Optional Glyph Dot Marker: 3

All Systems Include PatternSmith Software



Good CAD patterns are the key to automating your cutting successfully. PatternSmith combines pattern drafting, editing, nesting, and organization with machine control into one integrated package.

Cutting Solutions

Autometrix's 5th generation cutting systems are fast and precise, perfect for single-ply or low-ply cutting operations. They are simple, rugged, and easy to operate. Our design philosophy results in the smoothest motion and the best reliability in the industry.

Radium model available in these dimensions:

ACTIVE WIDTHS

1.5mt	1.8mt	2.0mt	2.6mt	3.0mt	3.2mt	3.5mt
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ACTIVE LENGTHS mt

1.8	3.0	4.2	5.4	6.6	7.8'	9	10.2	11.4	12.6	13.8	15	16.2	17.4
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* Active length/widths represent usable dimensions, not table dimensions.

Power Requirements:

Electrical: Worldwide 1 ϕ voltage support for machine. 1 ϕ or 3 ϕ vacuum blower power varies. Contact Autometrix for details.

Compressed Air: 60-100 PSI shop pressure capable of providing 5 CFM.

Computer: Modern Windows® PC with minimum 2GHz processor and 1 GB RAM.

Autometrix, Inc., is an industry leader in low-ply precision cutting technology. Our entire team of engineers, software developers and technicians work together to design, manufacture, and support precision cutting systems with the same level of quality and excellence that has been foundational to Autometrix since the very beginning.

AUTOMETRIX
PRECISION CUTTING SOLUTIONS

Distributed In Australia & New Zealand By :

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ULTRACUT

DUOWELD™

**INNOVATION
RELIABILITY
QUALITY**





DUOWELD™

IMPULSE WELDER

PRODUCTIVITY & EFFICIENCY

- Patented Design Dual Width Impulse welder.
- Ability to select from 10mm wide weld to 20mm wide weld at the flick of a switch
- 2 sizes available - 3.2mt and 6.4mt wide weld
- Kedar Clamp with quick release to pull job out forward after welding. No need to slide out of machine.
- Requires less floor space
- Automatic Kedar offset adjustment via programming for various zips and kedar
- 7" Color touch screen with ability to save all settings for each type of weld and material
- ActiveWeldSense™ technology ensures consistent weld results no matter the conditions
- Precise microcontroller heat control for different materials ensures consistent weld quality
- Hem, Join, Pockets and Kedar functions Standard
- Australian made with local support

OPTIONS

- Integrated water cooling for faster cycle times
- Custom Kedar inserts for special sizes



SPECIFICATIONS

- Regular Size - 3.2mt long weld
- Large Externals Size - 6.4mt weld
- 100 psi compressed air
- 3 Phase with Neutral power required.
20 amp for 3.2 mt model
32 amp for 6.4 mt model



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VB1-VERTICAL BLIND MACHINE

INNOVATION
RELIABILITY
QUALITY





VB1

VERTICAL BLIND MACHINE

PRODUCTIVITY & EFFICIENCY

- Vertical Blind Cutter Fully automatic stacking of up to 10 blinds
- Load & walk away
- Quick & accurate
- User friendly
- Metric or imperial operation
- Sloping blinds programme
- Blind reclaim facility
- Insertion of marker tabs
- Fabric required & used displayed
- Top & bottom pocket sizes adjustable on screen

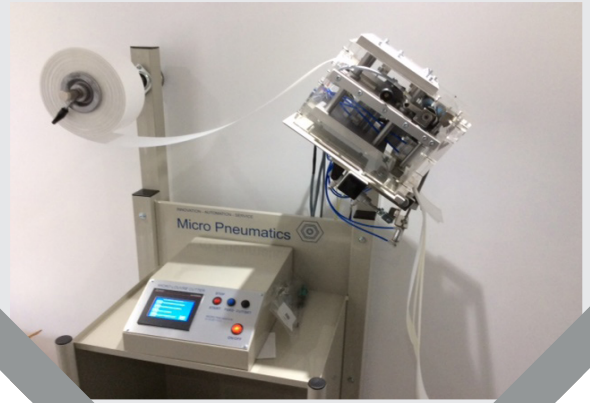
QUALITY & DESIGN

The bench mark vertical blind louvre cutting machines.

It cuts, punches the hole, puts the top and bottom creases in, stacks each slat neatly and all in a compact package of only 1m x 0.5m.

An extremely reliable machine. This is the best selling machine on the market with over 13 years of production with only minor changes and software updates.

A proven design that has been imitated but never surpassed. Includes the Bambi silent compressor.



SPECIFICATIONS

- Footprint size of only 1m x 1/2m
- Blade widths up to 127mm
- Silent compressor included
- Regular 220-240vac 10amp Supply Required



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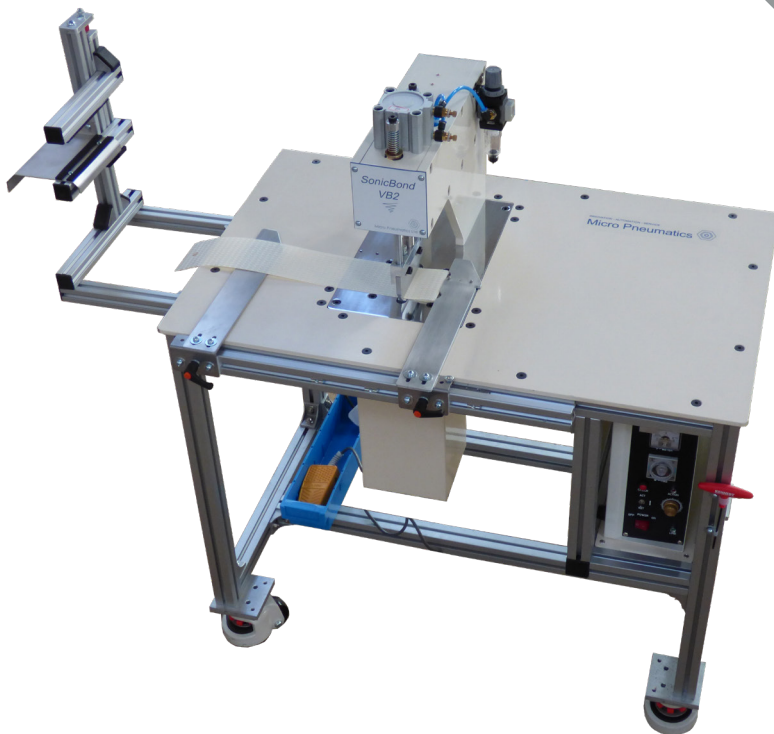
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VB2-VERTICAL BLIND WELDER

**INNOVATION
RELIABILITY
QUALITY**



VB2

VERTICAL BLIND WELDER

PRODUCTIVITY & EFFICIENCY

- Ultrasonic Vertical Blind Welder
- Quick & easy positioning for top and bottom pocket
- Excellent finish with no needle holes
- Very easy to use
- Welds virtually all materials
- Quiet and quick
- Easy set-up
- Minimal training required
- Low maintenance
- Small footprint

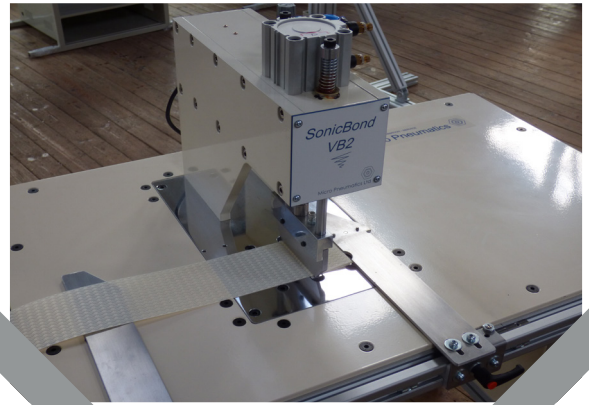
QUALITY & DESIGN

This range of ultrasonic welders brings absolutely top quality welding within the reach of all blind manufacturers.

Our ultrasonic welder does not require any additional substrate inserting between the plies.

Virtually all of our fabric in the Australia is polyester based and this is perfect for welding ultrasonically. This is not a heat welder.

This particular machine has also been specifically designed so that you can do straight welding and three sided for sealed in bottom weights, they look superb.



No needle holes.

The weld time is only about 1 second and the handling has been made as simple as possible.

It gives you an absolutely superb finished product.

Comes as standard with guides and left hand stack clamp.

SPECIFICATIONS

- Blade widths up to 127mm
- Silent compressor included
- Regular 220-240vac 10amp Supply Required





ULTRACUT

ROLLER BLIND ASSEMBLY JIG

**INNOVATION
RELIABILITY
QUALITY**



SPECIFICATIONS

- Increased Accuracy
- Cut Assembly time by half
- 3.3mt wide tube capacity
- Eliminate workcover RSI issues
- Foot Pedal operated rolling system
- Mains air filter
- Drive heads to suit 3 tubes included
- Adjustable rolling speed
- *Bench Not Included. Optional Extra

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ULTRACUT

DIGITAL HOIST

**INNOVATION
RELIABILITY
QUALITY**



DIGITAL HOIST

ELECTRONIC HOIST SYSTEM

SPECIFICATIONS

- Standard Light Height - 5000mm
- Standard Lift Width - 5000mm (90x45 bar)
- 4.7" monochrome operator touch screen
- Foot pedal sensor bar to allow operator to work at both ends of blind (manual jog)
- Slide in quick change blind brackets
- Precision timing belt drive system
- 30kg lift capacity
- Highly accurate servo drive with brake. +/- 1mm positing accuracy
- Quality anodised aluminium construction
- Pull out bench / components shelf
- 220-240vac power supply
- 12 months warranty

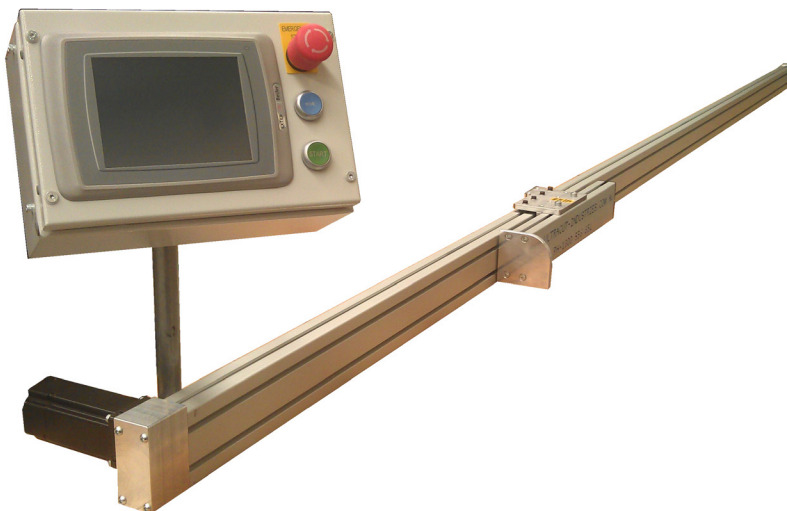




ULTRACUT

EZYSTOP™

**INNOVATION
RELIABILITY
QUALITY**





EZYSTOP™

AUTOMATIC DIGITAL BACKSTOP



STANDARD FEATURES

- Standard Cutting Length - 4000mm
*Other sizes available on request up to 6000mm
- Precision Timing Belt Drive System
- Highly accurate digital servo motor drive system. +/-0.5mm
- Industrial 5" monochrome operator touch screen
- Self cleaning / maintenance free linear rail
- Positioning time 2 seconds (average)
- 220-240vac mains power

UPGRADE OPTIONS :

ADVANCED DATA IMPORT MODEL

- Industrial 7" Full Color operator touch screen
- Data Integration with all Ultracut Fabric Cutting Tables
- Data Import via USB / Lan
- MS Excel job data template import ability
- Label Printer with job tracking data

EASY INSTALLATION

- Supplied with adjustable mounting brackets to top mounting or side mounting on any existing saw bench or rollers.



TOP MOUNTING



SIDE MOUNTING

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ULTRACUT

EZYSAW™

**INNOVATION
RELIABILITY
QUALITY**



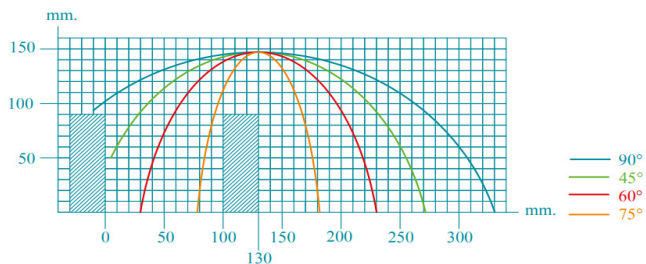


EZYSAW™

UPCUT SAW SYSTEM

STANDARD FEATURES

- 420mm dia Carbide Tipped Cutting Blade
- Twin Pneumatic horizontal and vertical clamps
- Integrated air blow gun
- Heavy duty construction
- Movable back fence
- Mitre and straight cuts
- Adjustable angle cuts
- Variable up/down speed
- 3000 rpm blade speed to cleaner cuts
- Large 130x90mm capacity
- Two hand safety function
- Safety interlock on protection cover preventing blade rising while guard open
- 2.2kw single phase 240 vac motor
- Pneumatic spray mist lubrication system



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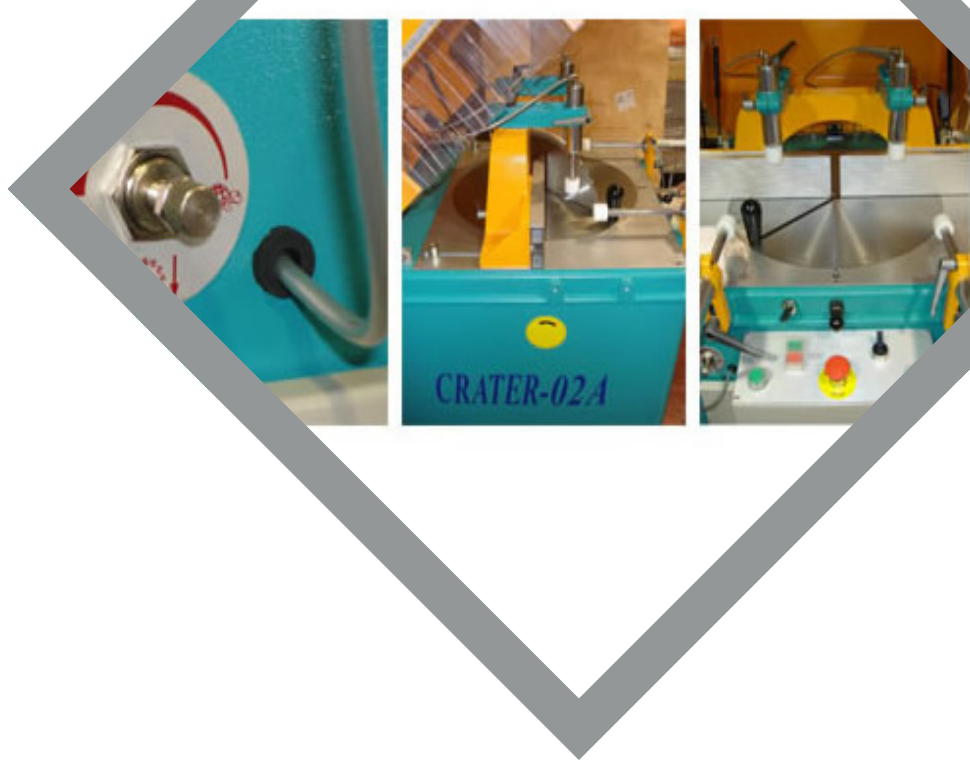
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UPGRADE OPTIONS :

- 290mm wide Roller Conveyor sections - 1.5mt long modules
- Dust collector
- Ezystop Digital Backstop System



EZYSTOP DIGITAL BACKSTOP

