

**Equipment Designed for Roller Shade Makers** 

### <u>CUTTIN</u>G



ULTRA SB • ULTRA SC • ULTRA SE

### WELDING



ULTRA WX • ULTRA MG • ULTRA WH2.0

### ASSEMBLY



ULTRA PT • ULTRA PTX • ULTRA RG

### 2024 EQUIPMENT CATALOG

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Ultratab brings 15 years of experience and innovation to the window covering and shading industry. We are the leading supplier worldwide of ultrasonic cutting machines, impulse welders, and several other fundamental tools for high performance fabrication systems. While emphasizing safety, we present complete solutions for efficient production and also provide domestic and global tech support.

Over the years we have expanded our lines of equipment to integrate state of the art technology and design for greater control and optimal performance. All Ultratab equipment include key safety features and automation options. Commitment to our customers' success keeps Ultratab developing new machines for the ultimate solution to fabrication. With a history of over 30 years' experience, working sideby-side with manufacturers in the industry, we develop our equipment with a strong understanding of the essential needs for fabricators. Our entire Ultratab team is here to provide the best solution for your business and is committed to excellent after-sale service.

### INTERNATIONAL SALES & SUPPORT CONTACTS

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05 cutting

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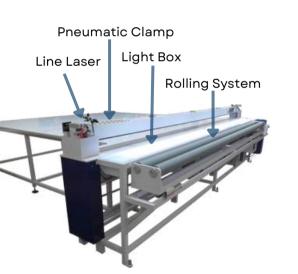
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## **ULTRA SB**

The ULTRA SB Dual Cutting Table features two blade options, Ultrasonic and Crush cut. By having both cutting mechanisms it allows manufacturers to quickly and precisely cut any type of roller shade fabric, such as delicate, sheer, zebra, blackout, and screen fabrics. This machine presents endless possibilities as to what types of fabrics you can fabricate; it is the ideal cutting table for window shade manufacturers.





**CUTTING WIDTHS: 3.2M** (10' 6") **4.0M** (13' 1") **4.5M** (14' 9")



#### TECHNICAL SPECIFICATIONS:

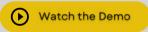
Voltage: 110V or 220V, Single Phase Wattage: 1500 Watts Air Requirements: 6-8 bar (kg/cm2)



#### OPTIONAL UPGRADES:

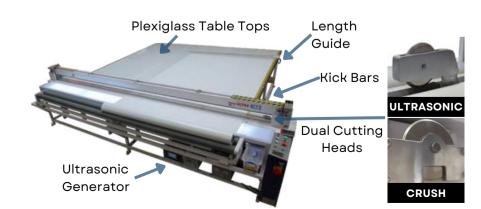
Plexiglass Table Tops (5ft/table) MDF Table Tops (4ft/table) Automatic Length Guide Line Laser



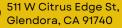


### **Features**

- Automated Crush and Ultrasonic Blades with Adjustable Speed Control
- Motorized Rolling System Conveniently operated through Control Panel and Kick Bars
- Plexiglass Table Tops Available in 5ft Sections
- Fabric Light Inspection Box
- 💋 Pneumatic Clamp
- 💋 Manual Length Guide



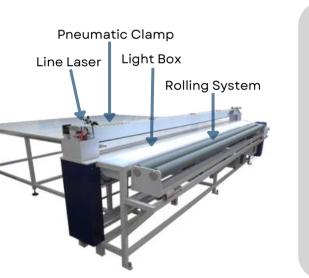




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## **ULTRA SE**

The ULTRA SE Ultrasonic Cutting Table will drastically reduce production time by efficiently and effectively cutting roller shade fabrics. The Ultrasonic cutting method thoroughly seals the edge of the fabric, and as a result it is the best solution for fabrics that tend to fray easily.





**CUTTING WIDTHS:** 3.2M (10' 6") 4.0M (13' 1") 4.5M (14' 9")



Voltage: 110V or 220V, Single Phase Wattage: 1500 Watts Air Requirements: 6-8 bar (kg/cm2)

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### OPTIONAL UPGRADES:

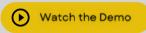
Plexiglass Table Tops (5ft/table) MDF Table Tops (4ft/table) Automatic Length Guide Line Laser

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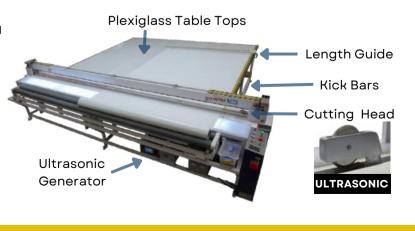


### **Features**

- Automated Ultrasonic Blade with Adjustable Speed Control
- Ultrasonic Edge Sealing Technology
- Motorized Rolling System Conveniently operated through Control Panel and Kick Bars
- Plexiglass Table Tops Available in 5ft Sections
- Fabric Light Inspection Box
- 🖉 🛛 Pneumatic Clamp
- Manual Length Guide







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## **ULTRA SC**

The ULTRA SC Crush Cutting Table offers a clean and precise cutting edge. The Crush cut is recommended for interior fabrics such as blackout, light filtering, sheer and laminated materials, and also most exterior fabrics, subject to testing. The table includes a rolling rack, fabric light inspection box, manual length guide, and a pneumatic clamp.

ATTA PTT



ULTRA TAB

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### **ULTRA SR**

The ULTRA SR Cold Cutting Table is a simple, easy to operate cutting machine that provides precise cuts for making window shades. The solid steel-based table is the optimal partner for manufacturers. It can cut all types of roller shade fabrics and produce a clean, flawless square cut.



**CUTTING WIDTHS:** 3.2M (10' 6") 4.0M (13' 1") 4.5M (14' 9")

**TECHNICAL SPECIFICATIONS:** Air Requirements: 6-8 bar (kg/cm2)



**OPTIONAL UPGRADES:** MDF Table Tops (4ft/table)



ULTRA STATE



Pneumatic Clamp 🚽 **Features** Manual Cold Cutter  $\langle \! \rangle$ Manual Cold Cutter (Razor Blade)  $\langle \rangle$ Straight and Square Cut MDF Table Tops Available in 4ft Sections Pneumatic Clamp Fabric Cradle -(I Manual Length Guide  $\langle \! \! / \! \! \rangle$ Simple and easy to operate

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## ULTRA SX

The ULTRA SX, Ultrasonic, Crush and Rotary Cutting Table, is essentially our ULTRA SB with a highspeed rotary cutter added at the end. This machine allows manufacturers to utilize their workspace and maximize their production by using both the ends at the same time. The rotary cutter works well for exterior fabrics, and cutting multiple layers at once, while the crush and ultrasonic work well for interior fabrics and sealing the edge of fabrics that tend to fray.

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## ULTRA VW 2.0

The ULTRA VW 2.0 Fabric Inspection Machine neatly displays the material in a well-lit, upright position for easy assessment. It is fully automated, includes a two-way LED light box system, dual motors, auto alignment system, electric scale counter, wireless remote and manual cutting system with a pneumatic clamp for single user operation.

Dual Motorized Roller System



### **Features**

- Two-way LED Lighting System
- 🕢 Dual Motorized Roller System Front and Back
- Manual Cold Cutter with Pneumatic Clamp
- 🖌 Auto-Alignment System
- 🖌 Adjustable Rolling Speed
- Electric Scale Counter for Measurement
  - Wireless Remote Control Rolling Forward or Backward





#### **TECHNICAL SPECIFICATIONS:**

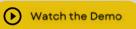
Working Width: 3.2M (10' 6") Wattage: 1500 Watts Voltage: 110V or 220V, Single Phase Air Requirements: 6-8 bar (kg/cm2) or 90-110 psi

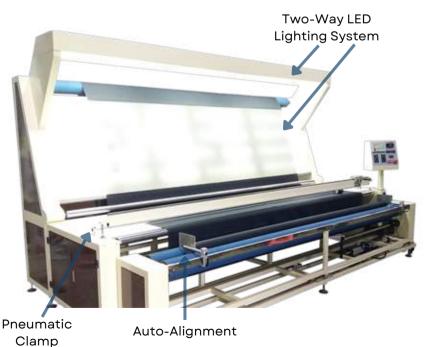




#### **EQUIPMENT DIMENSIONS:**

Machine: 156" x 91" x 102" (WxLxH) LED Light Box: 118" x 39" (LxH)







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## ULTRA XY 1.0

The ULTRA XY 1.0 Multi-Blade Cutting Machine is a powerful machine that feeds out cut-to-size shades using an X-Knife cutter and three Y-Crush cutters to cut both the width and length of the shades. It is best used for high production commercial jobs when cutting the same size shades on repeat. This space saving unit does not require any tabletops. It is easily operated by one person and cuts automatically hundreds of shades with limited supervision and time.

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## ULTRA XY 2.0

The ULTRA XY 2.0 Multi-Blade Cutting Machine is a powerful machine that feeds out cut-to-size shades using an X-Knife cutter and three Y-Ultrasonic or Crush cutters to cut both the width and length of the shades. It is best used for high production commercial jobs when cutting the same sized shades on repeat. The 2.0 model has the added feature of interchangeable blades for cutting the width of the shades. Users are able to choose the best cutting mechanism for their fabric, either Ultrasonic or Crush cut. This space saving unit does not require any tabletops. It is easily operated by one person and cuts automatically hundreds of shades with limited supervision and time.



Ultrasonic Blade Crush Blade

### **Features**







#### **CUTTING WIDTH: 3M** (9' 10")

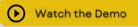
#### **TECHNICAL SPECIFICATIONS:**

Wattage: 1500 Watts Air Requirements: 6 kg/cm2 Voltage: 110V or 220V, Single Phase Control: Touch Screen, Programmable PLC

#### **OPTIONAL UPGRADES:**

Additional Y-Axis Blade (Ultrasonic & Crush) Additional Cone Lock Set Automatic Re-winding Lining and Marking Devices







## ULTRA SM 1.0

The ULTRA SM Multi-Blade Cutting Machine is designed to cut sheer elegance or zebra shade fabrics. The ULTRA SM uses four razor blades which allow users to cut up to three shades at once. This machine does not require a table and comes equipped with castors, which makes it easy to adjust the positioning and placement in your workshop.

Manual Measuring Guide



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**CUTTING WIDTH:** 3M (9'10")



#### **TECHNICAL SPECIFICATIONS:**

Power: 300 Watts Air Requirements: 6 kg/cm2 Voltage: 110V or 220V, Single Phase





### **Additional Cutting Unit**

Watch the Demo



#### **OPTIONAL UPGRADES:**

Additional Stainless Steel Tube





## ULTRA SM 2.0



The ULTRA SM 2.0 Multi-Blade Cutting Machine is a cuttingedge solution for manufacturing sheer elegance or zebra shades in high volumes. This state-of-the-art machine is equipped with four cutting heads to simultaneously cut multiple shades at once, ensuring large quantities of fabric can be cut with precision and speed. Using this tool helps to minimize waste and maximize production efficiency.



CUTTING WIDTH: 3M (9' 10")



#### OPTIONAL UPGRADES:

Additional Cutting Unit Additional Stainless Steel Tube MES Data Transportation Additional Conveyor

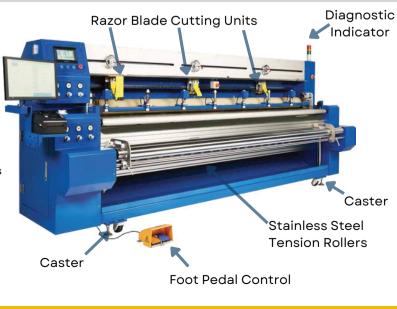


#### TECHNICAL SPECS:

Wattage: 300 Watts Air Requirements: 6 kg/cm2 Voltage: 110V or 220V, Single Phase

### **Features**

- Longitude (Y axis) and Latitude (X axis) cutting is performed simultaneously by Knife Blade
- Cut Multiple Shades at Once
- Four Separate Cutting Heads on Unit
- 🕢 Automatic Length Configuration Feature for Various Band Sizes
- 🗸 🖌 Adjustable Alignment Feature for Various Band Sizes
- Automatic Fabric Roll Pulling and Tension Control
- Manufacturing Execution System (MES) Data Transportation Feature Available





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## ULTRA XTC 2.0

The ULTRA XTC 2.0 Saw Cutting Machine can be used to cut aluminum tubing, fascias, cassettes, thinwall conduit, head rails, bottom rails, and light metals. The cutting machine features a pneumatic clamp system, and length stopper with measuring tape. An adjustable cutting edge can also be an added option.





#### **TECHNICAL SPECIFICATIONS:**

Maximum Cutting Capacity: Up to 5" (130mm) Wrench Size: 36 Voltage: 220V, 3 Phase Air Requirements: 6-8 bar (kg/cm2) or 90-110 psi



Air Requirements: 6-8 bar (kg/cm2) or 90-110 EQUIPMENT DIMENSIONS (WxLxH):

Machine Dimensions: 28" x 26" x 53" Roller Tray Dimensions: 78" x 12" x 37" Saw Blade Diameter: 455mm x 4mm x 170T Saw Blade Inner Diameter: 25.4 mm

#### **OPTIONAL UPGRADES:**

Additional 78" Roller Tray 90° and 45° Angle Cut Rubber Coated Roller Tray







#### **ULTRA RBS** The ULTRA RBS Blade Sharpener can sharpen a variety of round Safety Hood LED Light blades, in various metals and sizes. By re-sharpening dull blades users are able to maximize their investment and ensure their equipment provides a clean, sharp cut each and every cut. The grinding wheel runs in a water bath to prevent residue buildup on the grinding wheel and keep tools cool while sharpening. **TECHNICAL SPECIFICATIONS:** Position Round Blade Diameter: 45mm to 100mm Sharpening Grinding Angle: 30° - 40° Wheel Wheel Speed: ~1400 RPM Wattage: 700 Watts Voltage: 110V or 220V, Single Phase Machine Dimensions: 32" x 24" x 36" (WxLxH) Sprayer Splash Guard Example Blade Position Grinding **Grinding Wheel** Stone **Features** $\checkmark$ Improved Cut, Sharper Blade Minimizes Fraying $\langle \! \rangle$ Adjustable Grinding Angle Speed $\checkmark$ Adjustable Rotation Speed Control $\checkmark$ Water Pump Cooling System Water Pump **Blade Rotation** Splash Guard **Grinding Stone** Rotation **Convenient Gooseneck Light Fixture** www.senbesta.com +1 626-256-4800 ULTRA TA 511 W Citrus Edge St, 0 Glendora, CA 91740 sales@senbesta.com www.youtube.com/ultratab

# **ULTRA WS**

Using impulse sealing technology and precision controlled welding parameters the ULTRA WS Automatic Impulse Welder is able to automatically create shade pockets, and join large fabrics together for oversized windows. It is designed with an open space at the ends of the machine for welding shades wider than the machine. Weights and joining tools are included to make this process even faster and easier. The welder is constructed for single user operation, which saves both money and production time.



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### **ULTRA WX**

Using impulse sealing technology and precision controlled welding parameters the ULTRA WX Digital Impulse Welder is able to automatically create shade pockets, and join large fabrics together for over-sized windows. It even has the ability to weld shades wider than the machine. The digital design allows users to save up to 100 custom cooling and heating times. By programming your preferred heating/cooling times for your fabrics the ULTRA WX will truly minimize welding production time and maximizes productivity.

Pneumatic Clamp WELDING/FOLDING WIDTHS: Magnetic Weights 3.2M (10' 6") 4.0M (13' 1") 4.5M (14' 9") **TECHNICAL SPECIFICATIONS:** Welding Seam: 8mm Pocket Dimensions: 0.6" - 2.4" Cycle Time: 50-70 seconds Amperage: 30 Amps Watch the Demo Voltage: 220V, Single Phase Wattage: 15,000 or 18,000 Watts Fabric Tray Air Requirements: 6-8 bar (kg/cm2) or 90-110 psi **OPTIONAL UPGRADES:** ULTRA TAB Spline/Zipper Plate **Features** 10mm Welding Seam LED Inspection Light Strip - NEW  $\langle \rangle$ Automatic Folding and Seaming **Emergency Stop**  $\checkmark$ Adjustable Pocket Depth Pull-Switch Adjustable Heat Settings  $(\checkmark)$ PLC Control Panel - Program up to 100 Welding and Cooling Times Touch Screen, Weld-Cycle Counter - NEW PLC Control Panel Safety Features Located on the Front and Back of Unit On/Off Switches:  $\langle \mathcal{I} \rangle$ Bonding Tape Dispenser Spline/Zipper Top Weld Weights and Joining Jiggs Included **Bottom Weld** Plate Weld most roller shade materials with and without bonding tape

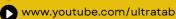
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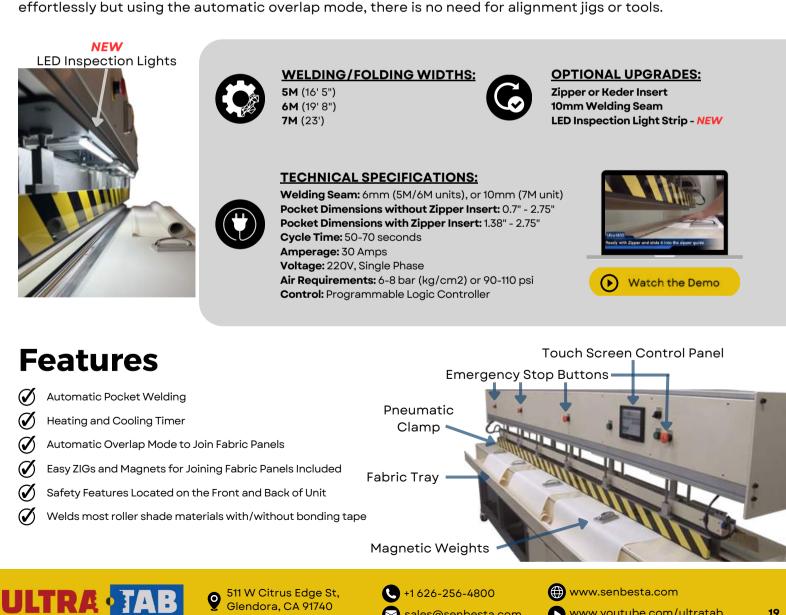


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ULTRA STATE



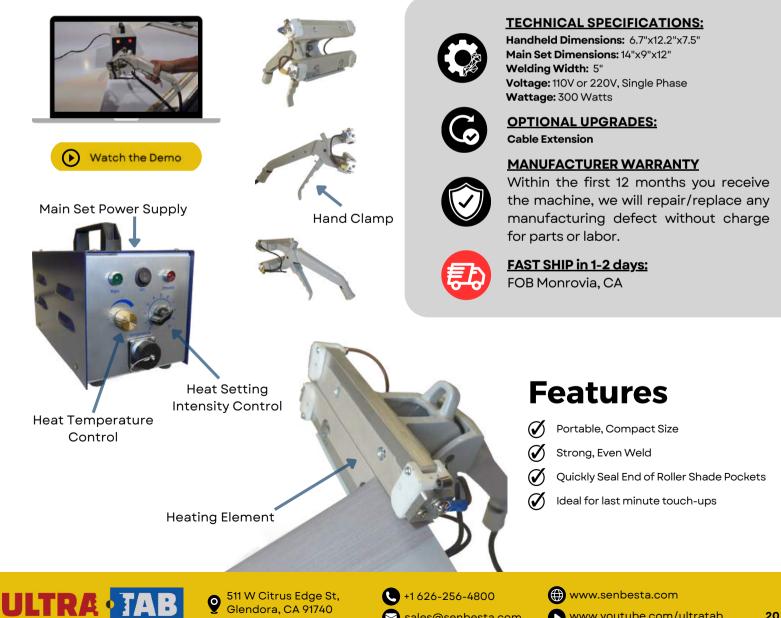
Using impulse sealing technology and precision controlled welding parameters the ULTRA MG Digital Impulse Welder is able to automatically create shade pockets. The PLC Control Panel provides users with an easy to operate touch screen interface to adjust the pocket size, heating temperature/time and cooling time to ensure a strong, even weld, each and every time. Users are able to join large fabrics together



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The ULTRA WH 1.0 Handheld Impulse Welder is designed to seal the end of a roller shade pockets. The compact size allows manufacturers to transport small, portable welder to different job sites or carry it from one side of the workroom to the other.



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## ULTRA WH 2.0

The ULTRA WH 2.0 Impulse Pocket-End Sealer is designed to seal the ends of shade pockets. Adjustable guides, measuring tape and a positioning magnet are included to securely hold the material in place. Most users mount one on each end of their full-sized welder, to quickly slide and seal both ends of the shade without having to reposition the fabric and maintaining 100% accuracy.

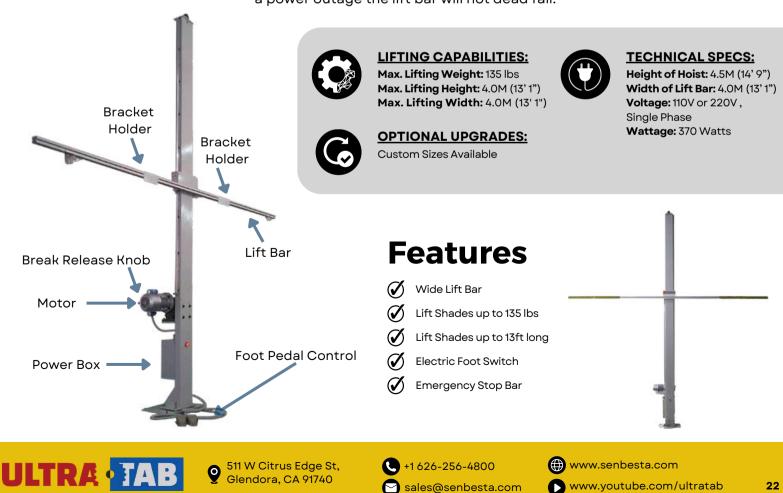


### **ULTRA PT**



Watch the Demo

The ULTRA PT Inspection Hoist is used to effectively demonstrate and test the shade in the convenience of your workshop, prior to the installation. It is important to make sure the shade was assembled correctly and runs smoothly before installation. The motorized lift bar is controlled by an electric foot switch and can lift up shades up to 135 lbs. Safety is always a top concern, we have implemented emergency stops so that in the event of a power outage the lift bar will not dead fall.



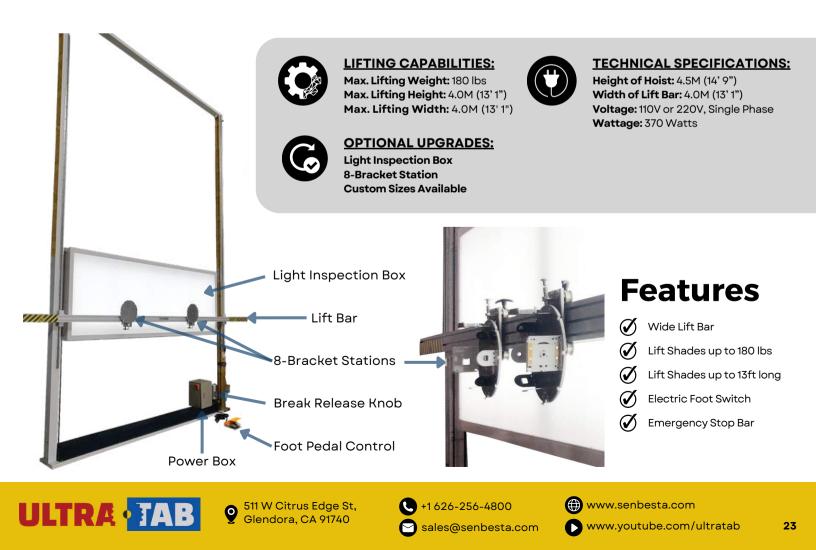
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## ULTRA PTX

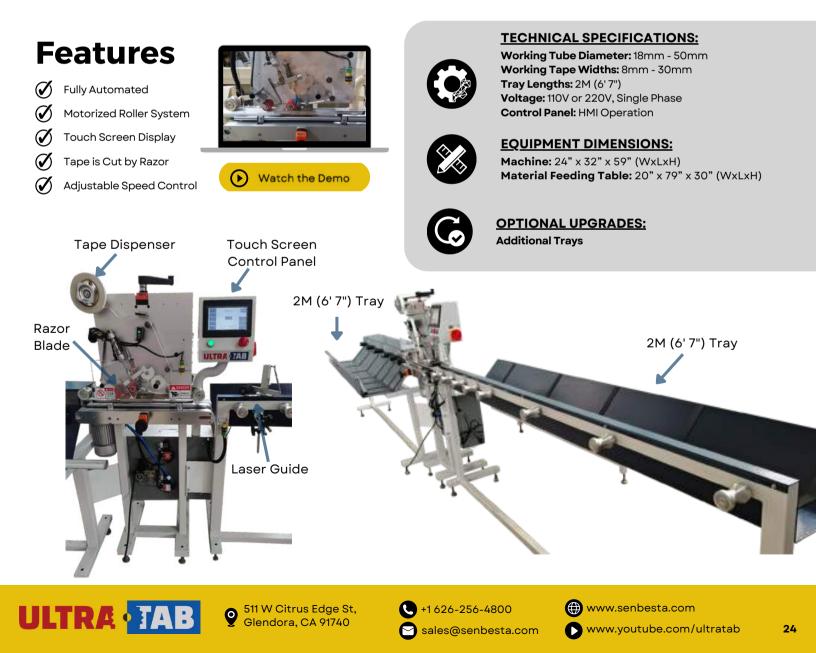
#### The ULTRA PTX Inspection Hoist provides a steady, secure platform in your workshop to test the functionality and operation of the shades. By simply mounting the shade

brackets to the lift bar, controlled by an electric foot switch users can raise and lower the shades to ensure the shade hardware is working properly, as well as evaluate the color, texture, and measurements are accurate. The ULTRA PTX can lift shades up to 180 lbs and features emergency stops so that in the event of a power outage the lift bar will not deadfall.



## ULTRA TM2

**The ULTRA TM2 Tube Taping Machine applies double-sided tape on tubes for roller blinds.** It quickly creates perfectly straight, uniform tape placement on each and every tube. 18-55mm diameter rolls and 8-30mm tape widths can be used.



## **ULTRA RG**

The ULTRA RG Winding Device is used to quickly roll and unroll shades. Powered by a simple electric foot switch, this machine provides manufacturers with easy, efficient shade-assembly.



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## **ULTRA FRC**

**Using six steel rollers, the ULTRA FRC Fabric Roller Cradle makes unrolling material a breeze.** It comes equipped with castors that can lock the cradle in place or unlocked to move to another area of the workroom to position alongside cutting tables, welding equipment, or even transport a heavy roll across the room with ease. By using the ULTRA FRC, the manual labor of handling the fabric rolls is reduced and worker productivity will increase.



ULTRA TAB

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### **SERVICE & SUPPORT**

At Ultratab, we offer customized maintenance programs to prevent equipment down-time when you need it most. To accomplish this goal, our trained technician will perform routine inspections, maintenance and repairs on your Ultratab machines as the manufacturer intended.

Our Planned Maintenance Programs will maximize your equipment's reliability, performance, and overall quality by ensuring professional routine maintenance and inspections are completed by our trained technicians. When equipment is exposed to regular workloads and usage, they are bound to have a decrease in effectiveness without proper care. If neglected, worn parts can lead to the failure of other critical components.

We have learned that preventive maintenance reduces and eliminates unexpected issues by promoting optimal equipment performance. Getting your PM Program in place is a sure way to protect your investment. Keep your machine's up-time at its maximum, and efficiency at its peak with regular servicing and multi-point checks. Having the peace of mind knowing your equipment will always be in great working order is invaluable; leaving you with the ability to focus on running your business without any unexpected costs machine breakdown.

Contact your sale and service representative for your customized plan.

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