



Machinery for the Woodworking, Stone,  
Glass, Plastic, and Metalworking Industries



**Date :** 04/25/2024 - 5:50 PM \*  
**EXF # :** SX-300065  
**Category :** SANDERS-MULTI.HD/POLISHER  
**Brand / Model :** EMC "EASY GLOSS CURVED"  
**Machine Type :** POLISHING MACHINE  
**Year of Mfg. :** 2024  
**Condition :** Brand New w/Warranty  
**Elect / Voltage :** 230 V, 60 Cy, 3 Ph.  
**Special Note :** Brand New

**FOB / Region :** MIDWEST  
**Appr. Repl. Cost. :** \$ 89,000  
**Price :** \$ 0 \*  
**Comment :** High Gloss Polishing  
Machine, for CURVED parts.  
**Leasing :** Call for Quote



Please ask me

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\* Pricing is valid at the time of printing and subject to change at any time.

### Description :

- **EMC EASY GLOSS Polishing Machine for CURVED & FLAT PANELS**

Suitable for high gloss lacquered wood panels, for polyurethane lacca or brilliant straight, equipped with **(1) longitudinal oscillating brush**

#### General description of the machine:

- (1) longitudinal oscillating brush.
- Welded cage type frame, made in carbon steel.
- Motors positioned inside the machine frame.
- Motorized lifting & lowering of the working table.

#### Working table:

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**EX-FACTORY INC.:** 1805 Sardis Road North | Charlotte, NC 28270 USA | Ph +1 704.841.2001 | Fax 704.644.8068  
**Warehouse & Showroom:** 8191 Logistic Drive, Suite E | Zeeland, MI USA | Ph +1 616.772.1520 | Fax 704.644.8328



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- Working table dimensions 3,800 x 1,220 mm (150" x 48"), made of MDF.
- Working width 1,220 mm (4').
- Stroke of working table adjustable from 100 to 2,600 mm (4" to 102").
- Feed speed adjustable from min./max. 0,5 - 6 m/Min (1,6 - 19 FPM) inverter controlled.
- Workpiece locking system adjustable for multiple dimensions.

**Vacuum suction cups holddown system for curved parts:**

- Vacuum suction cups of medium and large diameter.
- Accommodates convex and concave parts.
- High capacity vacuum pump, independent motor positioned inside the machine frame.
- High precision micro switch for set up of part size.
- Min. radius on concave panels R=155 mm.
- Exit angle approx. 70°.

**Brush:**

- The brush is made of medium-soft pressed cotton rags.
- Brush diameter min./max. 250 - 350 mm (9-13/16"- 13-3/4").
- Brush length 1,250 mm (49-3/16").

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- Brush rotating speed adjustable from 100 to 1,000 RPM.
- Driven by 11 kW (15 HP) motor.
- Automatic brake.

**Brush oscillation data:**

- Brush oscillation stroke: 30 mm (15 + 15 mm) - 1-3/16" (9/16" + 9/16").
- Brush oscillation frequency: 0,5 Hz.
- Brush oscillation motor power 0,55 kW (0,75 HP).

**Thickness and "Z" movements:**

- Total "Z" stroke 330 mm (13").
- Feed speed of "Z" axis automatically controlled from 0,1 to 5 m/Min (3 - 16 FPM).
- Computer controlled lifting & lowering of working table, with high precision THK guides.
- Automatic brush wear control.
- Working height min./max. 0 - 295 mm (0 - 11-5/8") with brush diam. 250 mm (9-13/16"); 0 - 270 mm (0 - 10-5/8") with brush diam. 300 mm (11-13/16"); and 0 - 245 mm (0 - 9-5/8") with brush diam. 350 mm (13-3/4").

**Electronic programmable color TOUCH SCREEN display, 7" wide**

- Centralized control unit with PLC technology (Power Logic Control).
- STN LCD (Liquid Crystal Color) Display 7" Touch Screen.
- Storage of 100 polishing programs

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- Front protection against dust & moisture IP65.

**Software facilities:**

- Automatic program sequence starting.
- Display report and reset of alarms.
- Display and control for panel thickness & working pressure.
- Graphic synoptic to facilitate programming.

**Centralized Control Cabinet:** Check control panel; with integrated self-diagnostic alarm control. Table lifting-lowering thickness system electrically controlled. Automatic star-delta starter on polishing motor. Padlock on main switch. Independent overload protections. IP 54 protection against dust & moisture.

**Centralized Independent Pneumatic Control Cabinet:** Pneumatic air filter with automatic water-drain system. Pneumatic plant operating without lubrication. Compressed air pressure 6 bar (85 PSI).

**Safety:**

- **CE compliant;** European standard safety norms in compliance with **2006/42/EC - 2014/30/EC**
- Automatic emergency stop and alarm display in case of:
  - ° *Electric motors overloading and dispersion*
  - ° *Emergency detector for oversized material thickness.*

**Options available:**

- Protection fence on 3 sides and longitudinal safety bar by photocell for UL CSA, including pedal start button and emergency stop. Please add... **\$ 7,900**
- **Automatic System for Abrasive Wax application**  
Pressurized tank (25) liters for liquid abrasives, with automatic miscellaneous bottom exit and pressure regulator for gun.  
Low pressure spraying gun for liquid abrasives.

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Electronic valve for spray gun control.

Infrared high precision photocell to detect the panels and activate the spraying gun.

Adjustable support for spraying gun positioning.

Software and graphic control, programmable through PLC and touch screen. Please add... **\$ 4,980**

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