



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



**Date :** 04/26/2024 - 2:22 AM \*  
**EXF # :** SX-300051  
**Category :** SANDERS-MULTI.HD/POLISHER  
**Brand / Model :** EMC "UNDERTOP 1300 2+2"  
**Machine Type :** WIDE BELT (SANDING LINE)  
**Year of Mfg. :** 2024  
**Condition :** Brand New w/Warranty  
**Elect / Voltage :** 220/440 V, 60 Cy, 3 Ph.  
**Special Note :** Brand New

**FOB / Region :** MIDWEST  
**Appr. Repl. Cost. :** \$ 153,000  
**Price :** \$ 0 \*  
**Comment :** Heavy Duty Wide Belt  
Sanding Line, Top + Bottom  
fr  
**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 UNDERTOP 1300 2+2 - Wide Belt Sanding Line Top + Bottom, both with (2) Sanding Heads; Roller, Combination Head Roller/Pad.**

Useful working width 1,300 mm (51"). Working thickness min./max. 3 - 160 mm (1/8" - 6-5/16").

#### Both Bottom + Top units are equipped as follows:

##### 1st Head: Steel Roller "R", Belts dimensions: 1,900 x 1,320 mm (74" x 52").

- Roller diameter: 190 mm (7-1/2"), spirally grooved.
- Constant control to any position with accuracy 0.02 mm.
- "Grit-set system".
- Rotation: Against feed (clockwise).

**Sales - Liquidations - Auctions - Appraisals - Consulting**

**EX-FACTORY INC.:** 1805 Sardis Road North | Charlotte, NC 28270 USA | Ph +1 704.841.2001 | Fax 704.644.8068  
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- Motor power: **22 kW (30 HP)** with Automatic star-delta starter.
- Abrasive Belt cutting speed: 21 m/Sec (69 FPS).
- Air Jet Blower for abrasive belt cleaning.

**2nd Head: COMBINATION Unit "K", Roller/Pad. Belt dimensions: 1,900 x 1,320 mm (74" x 52").**

- Roller diameter: 142 mm (5-5/8").
- Roller rubber hardness 45 Shore.
- Constant control to any position with accuracy 0.02 mm.
- "Grit-set system".
- **Pneumatic controlled PAD** with ON-OFF switch on main control panel.
- Rotation: Against feed (clockwise).
- Motor power: **15 kW (20 HP)** with Automatic star-delta starter. Abrasive Belt cutting speed: 18 m/Sec (59 FPS).
- Air Jet Blower for abrasive belt cleaning.

**Feed system:**

- **Constant pass line, 980 mm (38-9/16") from floor**
- Idle table rollers support in infeed and outfeed.
- Rubber covered presser rollers, grooved.
- Variable feed belt speed, adjustable from 3 to 19 m/Min (9.8 - 62 FPM), Inverter Controlled, synchronized.

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- Motorized height adjustment on 4 precision screws.
- Large diameter screws on machined guides with columns and pistons.
- Automatic feed belt centering device.
- Pre-welded machined working table.
- Pneumatic air floating pressure holddown shoes at infeed, in middle position, and in outfeed position.

**General Machine Features:**

- Independent main motors.
- Analog ammeters, for each motor, on main control cabinet.
- Electronic motorized grit set system, control from touch screen for each (head) working group.

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

- Resolution 640 x 480 pixels.
- PLC with micro-processor of latest generation, modular and expandable.
- Memory capacity: 100 working programs or more.
- Graphic synoptic to facilitate programming. Front protection IP 65 against dust & moisture.

**Software facilities:**

- Automatic motor sequence starting.
- Command, programming and display for all electronic pad functions.

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- Command, programming and display for thickness.
- Command, programming and display for feeding.
- Command, programming and display for all speed control inverters.
- Command, programming and display for selected groups.
- Command, programming and display for blowers, including compressed air saving function.
- Display report and reset of alarms (self diagnostic) with memory records.

**Options Included:**

- **Vacuum beds both on top + bottom**, 4 kw (5,5 HP) each. Vacuum unit for holddown of smaller parts, mounted inside of the machine base with silencer.
- Telemetry for online support from EMC.

**Centralized Control Cabinet:** IP 54 protection against dust & moisture. Analog ammeter on main control cabinet. Table (Conveyor Bed) lifting-lowering thickness system electrically controlled. AUTOMATIC Delta - Star starter on abrasive belt motors.

**Centralized independent pneumatic control cabinet:** IP 54 protection against dust & moisture. Pneumatic air filter with automatic water-drain system. Pneumatic adjustment for "Grit set system". Pneumatic plant working without lubrication. Compressed air pressure 6 bar (85 PSI)

**For a SCOTCH BRITE Brush roller, please add... US \$ 4,250 per side, bottom + top = US \$ 8,500**

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