



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



Date : 04/19/2024 - 10:00 PM *
EXF # : SX-300061
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. : \$ 181,000
Price : **\$ 177,500 ***
Comment : "Top & Bottom" Sanding line
for abrasive material,
Leasing : Lease for \$ 3,527/Mo. at
NCL



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; Steel Roller, Rubber covered Roller.**

This machine is equipped to process **cement fibers!**

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", Belt 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" for sanding belt grit compensation.

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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- Rotation: Against feed (clockwise).
- 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: Roller "R", Rubber covered, spirally grooved. Belt dimensions: 1,900 x 1,320 mm (74" x 52").

- Roller diameter: 190 mm (7-1/2"). Shore hardness 85.
- Constant control to any position with accuracy 0.02 mm.
- "Grit-set system" for sanding belt grit compensation.
- Rotation: Against feed (clockwise).
- Motor power: **15 kW (20 HP)** with Automatic star-delta starter.
- Abrasive Belt cutting speed: 21 m/Sec (69 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 feed speed between both machines.

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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. These pressure holddown shoes are **chrome hardened** for processing of cement fibers!

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.
- Display report and reset of alarms (self diagnostic) with memory records.

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- Command, programming and display for:
 - all electronic pad functions.
 - thickness.
 - feeding.
 - all speed control inverters.
 - selected groups.
 - blowers, including compressed air saving function.

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 and equipped with silencer.
- The insides of the dust hoods are tungsten hardened for the processing of cement fibers.
- 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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