



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



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EXF # : SW-300225
Category : SANDERS-1-HD., WB/DRUM
Brand / Model : EMC "VENUS 1300 1K"
Machine Type : WIDE BELT (50" - 90", 1-HEAD)
Year of Mfg. : 2024
Condition : Brand New w/Warranty
Elect / Voltage : 220 V, 60 Cy, 3 Ph.
Special Note : Brand New

FOB / Region : MIDWEST

Appr. Repl. Cost. : \$ 55,650

Price : \$ 0 *

Comment :

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 VENUS 1300 1K ... Finishing Sander with (1) Sanding Head: Combination Head.**

Useful working width 1,300 mm (51"). Working thickness min/max mm 3 - 170 (1/8" - 6-5/8").

Working Unit: Combination Roller & Pad.

- Roller diameter 142 mm (5-5/8"). Rubber covered hardness 85 Shore. Roller pressure adjustment control & "Grit-set system". Main Motor On Off Selector control with pneumatic piston to select roller, **22 kW (30 HP)** Automatic star-delta starter Rotating cutting speed: 18 m/Sec (59 FPS).
- **PNEUMATIC Controlled Flexible Sanding Pad Including** On-Off Selector: Quick Change System: Removable pad with felt, rubber and graphite. Rotating cutting speed 18 m/Sec (55.8 FPS). Abrasive belts oscillation by means of electronic photocell sensor.

Feed system:

CONSTANT PASS LINE - fixed infeed height 900 mm (35") 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

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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



**Machinery for the Woodworking, Stone,
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Large diameter screws on machined guides with columns and pistons
Automatic feed belt centering device
Electronic digital display for working thickness

General Machine Features:

- Analog ammeters on main control cabinet.
- Electronic motorized grit set system, control from touch screen.

Electronical Panel:

- Check Control Self Diagnostics with Alarm Control.
- Analog Ammeter on the main control cabinet.
- Infeed table thickness system electrically controlled.
- Independent Overload protection.

Safety:

- Infeed front emergency swinging bar for oversized panels.
- Infeed protection pressing blade to avoid pieces to go back to operator.
- Rear and front emergency push buttons.
- Automatic brake on abrasive belts motors.
- Automatic emergency stop and alarm display in case of: • Low Air Pressure. • Doors opened ("easy maintenance and inspection"). • Electric motors overloading. • Emergency detector for over thickness material cut. • No tension on abrasive belt. • Abrasive belt lateral mistracking. • Abrasive belt broken.

Idle table rollers support in infeed and outfeed

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

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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).

Options Available: Tampico Brush natural fiber brush for cleaning of the pieces, diameter 150 mm (6").
Motor Power 1.1 kW (1.5 HP). **\$3,950**

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