



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



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EXF # : SX-300045
Category : SANDERS-MULTI.HD/POLISHER
Brand / Model : EMC "VENUS 1300 SUPER 2RK"
Machine Type : WIDE BELT (50" - 90", 2-HEAD)
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. : \$ 69,500
Price : **\$ 67,500 ***
Comment : Large Length Belts on this 2-Head EMC Sander!
Leasing : Lease for \$ 1,356/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 VENUS 1300 SUPER 2RK Finishing Sander with (2) Sanding Heads: Roller and Combination Head.**

Useful working width 1,300 mm (51"). Working thickness min/max mm 3 - 170 (1/8" - 6-5/8").
SUPER indicates longer belt length of 2,620 mm (103").

Head configuration:

1st Head: Roller "R" Belts dimensions: **2,620 x 1,320 mm (103" x 52")**. Roller diameter: 190 mm (7-1/2"). Roller rubber hardness 85 Shore. On/off selector pneumatically operated. "Grit-set system" for grit compensation. Constant control to any position with accuracy 0.02 mm. Rotation: Against feed (clockwise). Motor power: **22 kW (30 HP)**. Automatic star-delta starter. Rotating cutting speed: 21 m/Sec (68 FPS). Blower for the roller unit.

2nd Head: Combination Roller & Pad. Roller diameter 142 mm (5-5/8"). Rubber covered hardness 45 Shore. Roller pressure adjustment control & "grit-set system" for grit compensation. Fine sanding pad is pneumatically controlled. Motor is shared with the above unit. Rotating cutting speed: 18 m/Sec (59 FPS).

Electronic segmented Sanding Pad "CPC" with 43 segments, each 29,7 mm wide (1-3/16"). Including On-Off Selector: Quick Change System for removable pad with felt. Rotating cutting speed 18 m/Sec (59 FPS). Abrasive belts oscillation by means of electronic photocell sensor.

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
Warehouse & Showroom: 8191 Logistic Drive, Suite E | Zeeland, MI USA | Ph +1 616.772.1520 | Fax 704.644.8328



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Machine management system: Electronic colour 7" Touch Screen control & display. PLC with micro-processor - CP0291. Connection for USB, RS232, Ethernet 10/100/1000. Storage capacity of 100 sanding programs. Front protection IP65 against dust & moisture.

Feed system:

- **MOBILE WORK TABLE.**
- 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.
- Large diameter screws on machined guides with columns and pistons.
- Automatic feed belt centering device.

General Machine Features:

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

Electronical Panel:

- Check Control Self Diagnostics with Alarm Control.
- Analog Ammeters, for each motor, on the main control cabinet.
- Electronic raising and lowering of the table, thickness system, electronically controlled.
- Independent Overload protection.

Safety:

- Infeed front emergency swinging bar for oversized panels.

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- 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
- **Selector Switches** on both working units.

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

Centralized independent pneumatic control cabinet: IP 54 protection. 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:

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- Vacuum table for small pieces, with 4 kW (5,5 HP) fan, please add.... **\$4,250**
- TAMPICO Brush, natural fiber brush for cleaning of the pieces, diameter 150 mm (6"). Motor Power 1.1 kW (1.5 HP), please add.... **\$3,950**

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