



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



Date : 04/19/2024 - 6:31 AM *
EXF # : SX-300072
Category : SANDERS-MULTI.HD/POLISHER
Brand / Model : EMC "EXPLORER 1300 3RRK"
Machine Type : WIDE BELT (50" - 90", 3-HEAD)
Year of Mfg. : 2024
Condition : Brand New w/Warranty
Elect / Voltage : 230/400 V, 50/60 Cy, 3 Ph.
Special Note : Brand New

FOB / Region : MIDWEST
Appr. Repl. Cost. : \$ 62,400
Price : \$ 0 *
Comment : A basic 3-head sander for
under \$ 50,000
Leasing : Call for Quote



Please ask me

Joe Retzlaff
800-374-5009 ext. 348
Intl. +1 704-841-2001 ext. 348
joe.retzlaff@exfactory.com

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

Description :

- **EMC EXPLORER 1300 3RRK ... Wide Belt Sander with (3) Sanding Heads; Roller, Roller and Combination head roller/pad.**

Versatile, medium duty machine, ideal for cabinet shops etc.

TECHNICAL DATA:

- Useful working width 1,300 mm (51").
- Working thickness min./max. mm 3 - 170 (1/8" - 6-11/16").
- Abrasive belt dimension (length) 1,900 mm (75") x (width) 1,320 mm (52").
- Feed belt speeds adjustable by electronic inverter from 3 to 17 m/Min (10 - 55 FPM).

Head configuration:

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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1st Head: Steel Contact Roller

- Roller diameter 142 mm (6")
- Automatic abrasive belt grit compensation with "Grit-Set System".
- On/Off Selector control with pneumatic piston to select roller.
- **Motor power 11 kW (15 HP).**
- Automatic Star-delta starter.
- Speed rotation: 18 m/Sec (59 FPS). Blower for abrasive belt cleaning.

2nd Head: Rubber Roller "R" Roller diameter: 142 mm (5-9/16"). Shore hardness 65. 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: **11 kW (15 HP)**. Automatic star-delta starter. Rotating cutting speed: 18 m/Sec (59 FPS). Blower for abrasive belt cleaning.

3rd Head: Combination Roller & Pad.

- Roller diameter 142 mm (6").
- Rubber covered roller with hardness 45 Shore.
- Automatic abrasive belt grit compensation with "Grit-Set System".
- On/Off Selector control with pneumatic piston to select roller. Flexible sanding pad. Quick Change System for removable pad with felt, rubber and graphite. Rotating cutting speed 17 m/Sec (55.8 FPS).
- Driven simultaneously with 2nd head by same main motor. Blower for abrasive belt cleaning.

Abrasive belts oscillation by means of electronic photocell sensor.

Feed System:

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- Motorized table lifting including fine adjustment, on 4 precision screws. Natural rubber conveyor belt, machined. Automatic feed belt centering device. Electronic digital display for working thickness; resolution 0.1 mm (0.004").
- Feed belt speeds adjustable by electronic inverter from 3 to 17 m/Min (10 - 55 FPM).

Centralized Control Cabinet:

- Control panel with self-diagnostics alarm control unit.
- Analog load meters on main control cabinet.
- Table lifting-lowering thickness system, electrically controlled.
- AUTOMATIC Delta - Star starter on main motor and IP 54 protection against dust & moisture.

Centralized Independent Pneumatic Control Cabinet:

- 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). IP 54 protection against dust & moisture.

Safety Features:

- Anti-kickback infeed protection.
- Oversized parts infeed protection by swinging bar.
- Emergency push buttons front & rear.
- Automatic brake on main motor.
- Automatic emergency stop and alarm display

Option: TAMPICO Cleaning Brush, 150 mm (6") diameter. Please add ...\$3,400

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USA UL or Canada CSA Safety Features

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