



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



**Date :** 04/26/2024 - 10:21 AM \*  
**EXF # :** SX-300036  
**Category :** SANDERS-MULTI.HD/POLISHER  
**Brand / Model :** EMC "FLEXY 1350 3TRF"  
**Machine Type :** WIDE BELT SANDER (53" 3-HEAD)  
**Year of Mfg. :** 2024  
**Condition :** Brand New w/Warranty  
**Elect / Voltage :** 240/480 V, 60 Cy, 3 Ph  
**Special Note :** Brand New

**FOB / Region :** MIDWEST  
**Appr. Repl. Cost. :** \$ 134,500  
**Price :** **\$ 129,950 \***  
**Comment :** A well equipped 3-Head for many diverse sanding ap  
**Leasing :** Lease for \$ 2,597/Mo. at NCL



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 FLEXY 1350 3TRF Finishing Sander with (3) Sanding Heads, Cross Belt, Roller, Superfinishing**

Useful working width 1,350 mm (53"). Working thickness min/max mm 3 - 190 (1/8" - 7-1/2").

#### Head configuration:

##### 1st Head: CROSS PAD T 50 C Electronic Cross Belt Sanding Pad

Electronic PAD segmented in 50 sections.

- Width of the single element (section): 27.0 mm (1.06")
- Abrasive belt length: 4,550 mm (179") Chevron belt length: 4,100 mm (161-1/2")
- Abrasive belt width: 140 mm (5-1/2") Chevron belt width: 130 mm (5-1/8")
- Main motor power: 11 kW (15 HP) with Electronic Inverter for variable belts speed from 3 - 22 m/Sec (9.8 -

**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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72 FPS). Abrasive belt blower cleaner, with automatic on-off control.

**2nd Head: Roller "R" Belts dimensions: 2,620 x 1,370 mm (103" x 54").**

- Roller diameter: 250 mm (10").
- Roller rubber, hardness 85 Shore, *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 the roller unit.

**3rd Head: SUPERFINISHING PAD "F" Electronic PAD segmented in 50 sections.** Belts dimensions: 2.620 x 1.370 mm.

- Width of the single element (section): 27.0 mm (1.06").
- Electronic motorized roller pressure adjustment "grit-set system".
- Rotation: Against feed (clockwise).
- TIMING oscillating cleaning abrasive belt blowers for superfinishing.
- Motor power: 11 kW (15 HP) with electronic inverter variable abrasive belt speed 3 to 18 m/Sec (9.8 - 59 FPS).

**Feed system:**

**Constant pass line, 900 mm (35.4") from floor. (In line machine) Internal independent motors including for cross belt units**

&#9679 Vacuum bed, 4 kw for hold down of smaller parts, mounted inside of the machine base

&#9679 Idle table rollers support in infeed and outfeed

&#9679 Rubber covered presser rollers, grooved

&#9679 Variable feed belt speed, adjustable from 3 to 18 m/Min (9.8 - 59 FPM) Inverter Controlled

&#9679 Large diameter screws on machined guides with columns and pistons

&#9679 Automatic feed belt centering device

**General Machine Features:**

- Independent main motors.

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- Analog ammeters, for each motor, on main control cabinet.
- Electronic motorized grit set system, control from touch screen for each working group.
- Automatic synchronized PAD anti-dubbing control, synchronized to ANY feed belt speed.

**Electronic programmable color TOUCH SCREEN display, 10" wide**

PLC with micro-processor of latest generation, modular and expandable

Connection USB, RS232, Ethernet 10/100/1000

Memory capacity: 100 working programs or more

Graphic synoptic to facilitate programming

**Software facilities:**

- Automatic motor sequence starting.
- Command, programming and display for all electronic pad functions.
- Command, programming and display for thickness.
- Command, programming and display for feeding.
- Command, programming and display for all 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 bed**, 4 kW for holddown of smaller parts, mounted inside of the machine base

**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

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water-drain system. Pneumatic adjustment for "Grit set system". Pneumatic plant working without lubrication. Compressed air pressure 6 bar (85 PSI).

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