



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



Date : 04/26/2024 - 6:30 AM *
EXF # : AP-300004
Category : ABRASIVE PLANER & SANDERS
Brand / Model : EMC "FLEXY 1350 3WRK"
Machine Type : KNIFE PLANER/SANDER (3-HD. TOP)
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. : \$ 122,500
Price : **\$ 121,500 ***
Comment : High Tech Wide Belt
European Sander at a Great
Pri
Leasing : Lease for \$ 2,428/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 FLEXY 1350 3WRK Abrasive Planer / Wide Belt Sander with (3) Heads; Knife Head, Roller, Combination Head Roller/Pad.**

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

Head configuration:

1st Head: Knife Planer Head "W"

- Cutter head knives diameter 140 mm (5-1/2").
- Shaft for helicoidal position knives with **(380) Interchangeable knives** with 4 cutting edges, 14 x 14 x 2 mm.

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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- Sectioned pressure bars in 24 independent segments.
- Anti kickback protection made of 70 independent elements.
- On-Off pneumatic cylinder for planer. group in working position.
- Working pressure adjustment.
- **Motor power 15 kW (20 HP).**
- Automatic Star-delta starter.
- Speed rotation: 35 m/Sec (115 FPS).

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

- Roller diameter: 250 mm (10"), spirally grooved.
- Electronic motorized roller pressure adjustment "Grit-set system".
- Constant control to any position with accuracy 0.02 mm.
- Rotation: Against feed (clockwise).
- **Motor power 15 kW (20 HP).**
- Automatic star-delta starter.
- Abrasive Belt cutting speed: 18 m/Sec (59 FPS).
- Air Jet Blower for abrasive belt cleaning.

3rd Head: Combination Head "K", Belt dimensions: 2,620 x 1,370 mm (103" x 54").

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- 3° roller diameter mm 150, Roller rubber covered, hardness 45 shores, Roller pressure adjustment control and "grit-set system"
- ON-OFF selector switch control for 3° roller, including pneumatic piston
- PNEUMATIC aluminum pad, lamina 40 mm, ON-OFF
- Quick changing system; extractable blade with felt, rubber and graphite
- Abrasive belt motor power 15kW (20hp) • Soft starter for slow starting 15kW
 - Rotating cutting speed 18 m/sec
- Air Jet Blower for abrasive belt cleaning.

Feed system:

Constant pass line, 900 mm (35.4") from floor

- Idle table rollers support in infeed and outfeed.
- Rubber covered presser rollers, grooved.
- Variable feed belt speed, adjustable from 3 to 18 m/Min (9.8 - 59 FPM) Inverter Controlled.
- Large diameter screws on machined guides with columns and pistons.
- Automatic feed belt centering device.

General Machine Features:

- Independent main motors.
- Analog ammeters, for each motor, on main control cabinet.

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- Electronic motorized grit set system, control from touch screen for each (head) working group.

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.

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)

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