



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



Date : 04/25/2024 - 12:15 PM *
EXF # : AP-300007
Category : ABRASIVE PLANER & SANDERS
Brand / Model : EMC "MERCURY 1100 WK"
Machine Type : KNIFE PLANER/SANDER (2-HD. TOP)
Year of Mfg. : 2024
Condition : Brand New w/Warranty
Elect / Voltage : 230 V, 50/60 Cy, 3 Ph.
Special Note : Brand New

FOB / Region : MIDWEST

Appr. Repl. Cost. : \$ 82,500

Price : \$ 0 *

Comment :

Leasing : Call for Quote

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



Please ask me

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Description :

- **EMC EXPLORER 1100 SUPER WK Abrasive Planer / Wide Belt Sander with (2) Sanding Heads; Planer Head, Combination head roller/pad.**

TECHNICAL DATA:

- Useful working width 1,100 mm (43").
- Working thickness min./max. mm 3 - 170 (1/8" - 6-11/16").
- Abrasive belt dimension (length) 2,200 mm (86.6") x (width) 1,120 mm (44").
- Feed belt speeds adjustable by electronic inverter from 3 to 19 m/Min (10 - 63 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: Planer Head "W"

- Cutter head knives diameter 142 mm (5-9/16").
- Shaft for helicoidal position knives with **(316) Interchangeable knives** with 4 cutting edges, 14 x 14 x 2 mm.
- Sectioned pressure bars in 20 independent segments.
- Anti kickback protection made of 60 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: 30 m/Sec (97.5 FPS).

2nd Head: Combination Roller & Pad.

- Roller diameter 142 mm (5-9/16"). Rubber covered hardness 45 Shore. Automatic abrasive belt grit compensation with "Grit-Set System". On Off Selector control for 2° roller incl. pneumatic piston
- Pneumatic elastic pad high resistance with quick changing system; extractable felt, rubber & graphite. . Complete with On-Off Selector and Quick Change System for removable pad with felt, rubber and graphite.

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Rotating cutting speed 18 m/Sec (59.1 FPS).

- **Motor power 15 kW (20 HP).** Belt blowers, oscillating, for cleaning of abrasive belt. Abrasive belts oscillation by means of electronic photocell sensor.
- **Cleaning Brush:**
- Tampico brushing unit for panel cleaning, at outfeed, 150 mm diameter

Feed system:

- Working thickness min./max. mm 3 - 170 (1/8" - 6-11/16").
- 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 19 m/Min (10 - 62 FPM).
- Idle table rollers support in infeed and outfeed.

Centralized Control Cabinet: Analog ammeters on main control cabinet. Table lifting-lowering thickness system electrically controlled. AUTOMATIC Delta - Star starter on main motors 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).

Features:

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**Machinery for the Woodworking, Stone,
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- Control panel with self-diagnostics alarm control unit.
- Telemetry computer remote diagnostics control. Direct connection with EMC via internet for assistance.

USA UL or Canada CSA Safety Features

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