



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



**Date :** 04/16/2024 - 2:19 AM \*  
**EXF # :** SX-300048  
**Category :** SANDERS-MULTI.HD/POLISHER  
**Brand / Model :** EMC "GIANT 1350 TTKF"  
**Machine Type :** WIDE BELT (50" - 90", 4-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. :** \$ 269,000  
**Price :** \$ 0 \*  
**Comment :** HEAVY DUTY, full feature 4-Head Sander at a very c  
**Leasing :** Call for Quote



Please ask me

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

### Description :

- **EMC GIANT 1350 TTKF Calibrating Sander with (4) Sanding Heads: (2) Cross Belts, Combination Head Roller/Pad, Superfinishing Pad.**

Top of the line Heavy Duty wide belt Sander from EMC. The series of GIANT machines are available in many configurations, including widths up to 87". Top and Bottom in-line machines and planer sander models are also available.

**Useful working width 1,350 mm (53"). Working thickness min./max. mm 3 - 160 (1/8" - 6-11/16").**

#### Head configuration:

**1st Head: CROSS PAD "75-L" Cross Belt Sanding Pad with electronically controlled segments:**

- Sanding PAD segmented in (75) sections, electronically controlled.
- Width of the single element (section): 18 mm (7-1/16").

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**EX-FACTORY INC.:** 1805 Sardis Road North | Charlotte, NC 28270 USA | Ph +1 704.841.2001 | Fax 704.644.8068  
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- **APC - Automatic Programmable Control** and setting of the air pressure.
- Abrasive belt length: 7,350 mm (289-3/8"), Chevron belt length: 5,400 mm (212-5/8").
- Abrasive belt width: 150 mm (5-15/16"), Chevron belt width: 140 mm (5-1/2").
- Main motor power: 15 kW (20 HP) with Electronic Inverter for variable abrasive belt speed from 3 - 24 m/Sec (9.8 - 78 FPS).
- Abrasive belt blower cleaner, with automatic on-off control.

**2nd Head: CROSS PAD "75-L" Cross Belt Sanding Pad with electronically controlled segments:**

- Sanding PAD segmented in (75) sections, electronically controlled.
- Width of the single element (section): 18 mm (7-1/16").
- **APC - Automatic Programmable Control** and setting of the air pressure.
- Abrasive belt length: 7,350 mm (289-3/8"), Chevron belt length: 5,400 mm (212-5/8").
- Abrasive belt width: 150 mm (5-15/16"), Chevron belt width: 140 mm (5-1/2").
- Main motor power: 11 kW (15 HP) with Electronic Inverter for variable abrasive belt speed from 3 - 24 m/Sec (9.8 - 78 FPS).
- Abrasive belt "air jet" cleaner, with automatic on-off control.

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

- **Roller diameter: 250 mm (9-13/16").**
- Roller rubber hardness 85 Shore, Constant control to any position with accuracy 0.02 mm.

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- **Electronic PAD segmented in (75) section.**
- Width of the single element (section): 18 mm (7-1/16").
- **APC - Automatic Programmable Control** and setting of the air pressure.
- Rotation: Against feed (clockwise).
- Motor power: 18,5 kW (25 HP) with Electronic Inverter for variable abrasive belt speed from 3 - 20 m/Sec (9.8 - 65 FPS). Automatic star-delta starter.
- Timed oscillating cleaning abrasive belt blower.

**4th Head: SUPERFINISHING PAD "F" Electronic PAD segmented in (75) sections.**

- Belts dimensions: 3,250 x 1.380 mm (127-15/16" x 54-5/16").
- Width of a single element (section): 18 mm (7-1/16").
- **APC - Automatic Programmable Control** and setting of the air pressure.
- Electronic motorized roller pressure adjustment "grit-set system".
- Rotation: Against feed (clockwise).
- Timed oscillating abrasive belt "air jets" cleaning.
- Motor power: 18,5 kW (25 HP) with electronic inverter variable abrasive belt speed 3 to 18 m/Sec (9.8 - 59 FPS).

**Part/Panel Reading unit with Electronic Segments:**

- RB-75 Panel reading at infeed, (75) segments with electronic feeler pads.

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- Electronic commands activated by magnetic switches.
- Panel detection by large diameter rubber wheels.
- Integrated electronic system.

**Feed system:**

**Constant pass line, 900 mm (35.4") from floor (In-line machine).**

&#9679 Idle table rollers support in infeed and outfeed

&#9679 Rubber covered pressure rollers, grooved

&#9679 Variable feed belt speed, adjustable from 3 to 20 m/Min (9.8 - 65.6 FPM) Inverter Controlled

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

&#9679 Automatic feed belt tracking & centering device

**General Machine Features:**

- Independent main motors.
- Motors mounted inside the machine frame, including the cross belt motors.
- Analog ammeters, for each motor, on main control cabinet.
- Electronic motorized grit set system, control from touch screen for each sanding head.
- **Electronic programmable color TSD - TOUCH SCREEN display, 15" wide.**
- PLC with micro-processor of latest generation, modular and expandable.
- Connection 3x USB, 1x RS232, 1x Ethernet 10/100/1000.
- Memory capacity: (200) Working programs or more.
- Graphic synoptic to facilitate programming.

**Software facilitates:**

- Automatic motor sequence starting.

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- Command, programming and display for all electronic pad functions.
- Command, programming and display for thickness and feed speeds.
- Command, programming and display for all inverters.
- Command, programming and display for selected heads.
- Command, programming and display for blowers, including compressed air saving function.

**Also Features:**

- Display report and reset of alarms (self diagnostic) with memory records.
- Activity reports for operating hours and production in square footage.
- Conversion millimeter-inches and Multi-lingual operation.

**Options Included:**

- **Vacuum bed**, 11 kW (15 HP) for hold down of smaller parts, mounted inside of the machine base.
- **P.A. Automatic thickness caliper** with radio frequency remote control.
- LED lighting inside the machine.

**Central Main Control Cabinet:** On swiveling arm. IP 54 power surge protection. Analog ammeter on main control cabinet. Table lifting-lowering thickness system motorized. AUTOMATIC Delta - Star starter on abrasive belt motors.

**Central independent Pneumatic Control Cabinet:** IP 54 power surge 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:** 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**

**Note:** The machine will be commissioned in the USA and includes (1) full week of on-site training.

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