

MACparter 190

***Cleans lugs and parts up to 190 panels a minute...
Reduces lead-in-air***

- ◆ **Fast**
- ◆ **Consistent**
- ◆ **Precise**
- ◆ **Accurate**
- ◆ **Adjustable**
- ◆ **Durable**

The **MACparter 190** combines panel parting and lug brushing into one fast operation. Lug trimming can be added as an option.

The MACparter 190 is engineered to handle either formed or unformed panels while reducing lead-in-air when connected to a proper ventilation system.

This is a perfect machine to have before a cast-on-strap operation.

FAST:

The MACparter 190 parts 70 to 190 panels per minute. The speed depends upon the pasted panel design. The mechanical or vacuum feeder smoothly feeds plates into a horizontal processing position. Special brushes clean lugs efficiently.

CONSISTENT:

Four, 152 mm (6-inch) diameter steel wire brushes cut through impurities, even lead peroxide, to produce bright, shiny lugs. Brush bristles are encased in plastic to keep them rigid longer, adding to cleaning effectiveness and brush life.

PRECISE:

Lugs are clipped to the proper length and panels are parted with a circular knife. Minimal vibration assures cutting accuracy, minimal dust residue, and plate integrity. Finished plates are shingled stacked onto a four-chain, shingling off-bearing conveyor for further processing.

ACCURATE:

To maximize parting accuracy by reducing uncut panel slippage, the MACparter features a side stabilizer alignment system. This reduces side-to-side pasted panel movement.

ADJUSTABLE:

Change panel size in two minutes, knives or brushes in ten. A single twist-crank adjusts both the feeder and chain carriers simultaneously, so handling a new size plate takes just minutes.

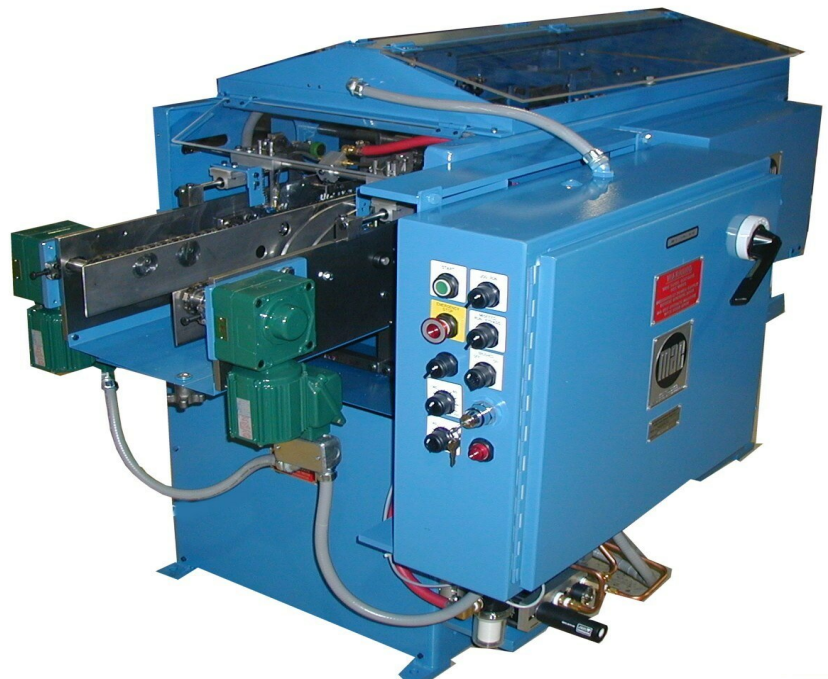
DURABLE:

All bearings are sealed, reducing the chance of contaminants ruining the bearings.

The mechanical feeder's floating gate automatically aligns the panels for efficient plate separation.

See-thru dust hoods on the front and top of machine deflect random dust and particles to the center of the machine where the 203 mm (8-inch) exhaust duct can remove them.

The operator can check the machine operation without lifting the hood. Should the machine's top hoods be lifted, a safety switch automatically stops the machine.



Picture shows a vacuum feeder version - a mechanical feeder is also available

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TECHNICAL SPECIFICATIONS

<p>Required User Data:</p> <ul style="list-style-type: none"> Specify the electrical requirement Specify right or left side of machine operator control location (when standing behind feeder) Submit grid designs or samples <p>Foundation: Standard 102 mm (4-inch) thick reinforced concrete floor or pad is required. Holes for lag bolting to the floor are provided.</p> <p>Center Cutting Tolerance: ± 1 mm (0.040 inch) with 3 mm (0.120 inch) required in center of panel (from top of bottom border to top of adjoining bottom border).</p>	<p>Production Capabilities: Panel Thickness: 1 to 3 mm (.040 to .125 inches) Panel Height: 102 to 152 mm (4 to 6 inches) Panel Width (without lugs): 203 to 330 mm (8 to 13 inches) Lug Length (standard): 11 to 32 mm (.44 to 1.25 inches)</p> <p>Production Rate: Per minute, 70 to 190, 152 mm (6-inch) panels. Speed depends upon pasted panel design.</p>
Operational Requirements:	
Personnel: Two or three, semi-skilled (depending upon production speed)	
Standard Electrical: 220-480V, 3-Phase, 50-60Hz	Hydraulics: None
Electric Motors: 4 units 1/2-HP, 1800 RPM, 60 Hz, G56C frame; TENV; 1 unit 3/4-HP, 1800 RPM, 60 Hz, F56 frame, TEFC	Ventilation: MACparter: 1600 CFM Air Exhaust Worktable: 2900 CFM
Water: None - Vacuum only	Compressed Air: None
Estimated weights and measurements: PLATE PARTER Crated Weight: 903 Kg (1991 lbs) Dimensions: 2134 x 1448 x 1575 mm (84 x 57 x 62 inches)	AIR EXHAUST WORK TABLE & OFFBEARING CONVEYOR Crated Weight: 380 Kg (838 lbs) Dimensions: 2134 x 1143 x 1194 mm (84 x 45 x 47 in.)



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