

flowMAC Parter

Go from pasting to parted plates without handling.

- ◆ **Cut labor costs by 40 to 50%**
- ◆ **Accurate automatic parting of panels**
- ◆ **Brushes both sides of the lugs**
- ◆ **Precise trimming of lugs**
- ◆ **Speeds up to 200 panels per minute**
- ◆ **Minimize scrap**
- ◆ **Environmentally friendly**

The **flowMAC Parter** automatically receives panels directly from your oven. It combines accurate plate parting and brushing of paste from the lugs as well as precise trimming of the lugs. It will match the speed of your platemaking system (up to 200 panels per minute) and improve your product quality.

All of this without any manual handling, reducing your labor requirements by 40-50%.

No manual handling means minimizing product scrap. No operator exposure to lead dust from hand breaking operations.

The flowMAC Parter coordinates the positioning of the plates from

the oven's conveyor with the precision-alignment chain of the parter to insure accurate cuts.

Powered center knives assure exact, even parting of the panels. The outboard bearings are kept away from any potentially damaging residual moisture from the plates.

The lugs are brushed on both sides, improving strap adhesion, thus allowing you to use the plates in the COS operation.

Lugs are then trimmed as needed to insure uniform production.

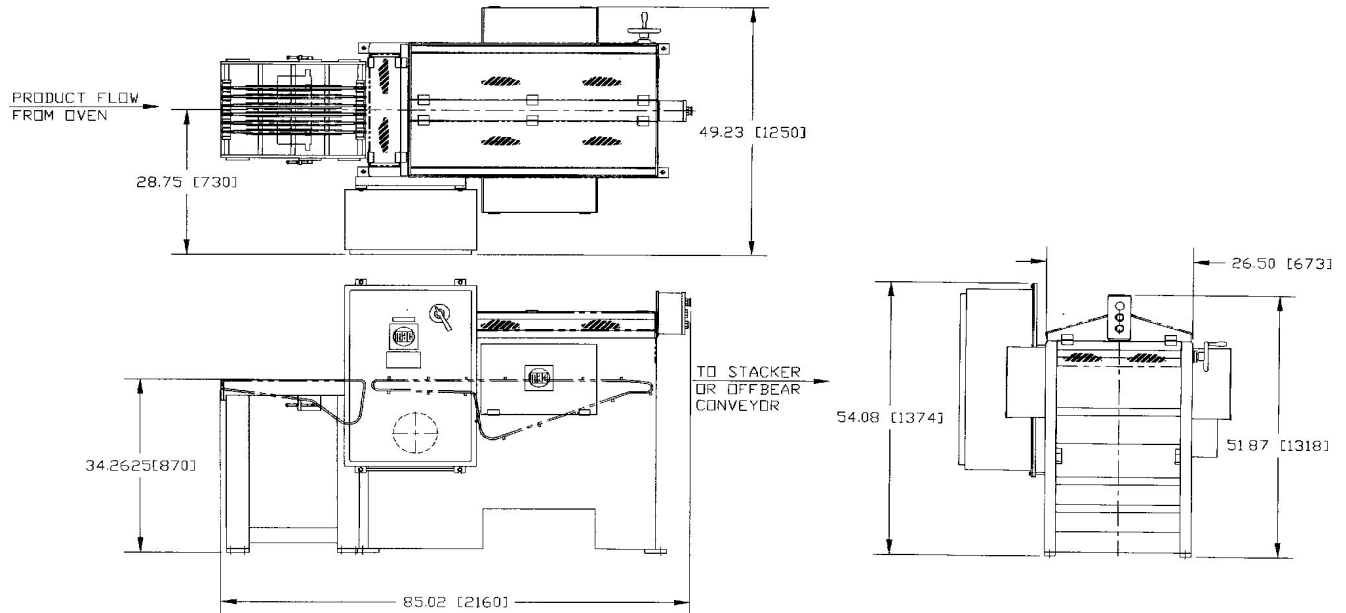
An environmentally friendly system, it includes several connecting points to your plant's air recycling system. This controls lead dust in the air.

From the flowMAC Parter, the plates can flow to a standard manual off-bearing conveyor or to an optional autoMAC Stacker to eliminate up to two more plate handlers.



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TECHNICAL SPECIFICATIONS



<p>Required User Data:</p> <ul style="list-style-type: none"> Specify right or left side of machine operator control location (when standing at the inlet of the machine) Specify electrical requirements Submit grid designs or samples 		<p>Product capabilities:</p> <ul style="list-style-type: none"> Panel Thickness: 1 to 3 mm (.040 to .125 inches) Panel Height: 102 to 171 mm (4 to 6.75 inches) Panel Width: 178 to 356 mm (7 to 14 inches) (without lugs) Lug Length (Std): 11 to 32 mm (.44 to 1.25 inches) 	
<p>Foundation requirements: Standard 102 mm (4 inch) thick reinforced concrete floor or pad. Holes for lag bolting to floor are provided.</p> <p>Product rate: Per minute, 70 to 200, 152 mm (6 inch) panels. Speed depends upon pasted panel design.</p>		<p>Center cutting tolerance: Tolerance of ± 1 mm (0.040 inches) with 3 mm (0.120 inches) required in center of panel (from top of bottom border to top of adjoining bottom border).</p>	
Operational Requirements:			
Hydraulics	None	Personnel	One, semi-skilled (for off-bearing only)
Electrical Consumption	4 KW/Hr.	Electrical	220-480V, 3-phase, 50-60 Hz
Ventilation (Parter)	1600 CFM	Electric Motors	4 units 1/2 HP; G56C frame; TENV; 1 gear motor
Compressed Air	10 SCLM	Ventilation (Air Exhaust Worktable)	2900 CFM
<p>Approximate Weights and Dimensions - Parter</p> <p>Crated Weight:: 1120 Kg (2470 lbs) Dimensions: 2362 x 1524 x 1701 mm (93 x 60 x 67 inches)</p>		<p>Approximate Weights and Dimensions - Air Exhaust Work Table and Off-bearing Conveyor</p> <p>Crated Weight:: 1380 Kg (838 lbs) Dimensions: 2134 x 1143 x 1194 mm (84 x 45 x 47 inches)</p>	



Helping to make the best batteries...yours.

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