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The Standard in Foundry Equipment...by Design  
 Rely on our family of companies for your next foundry project.

# EMI 803 Automatic Shell Core Machine

- Produces a wide range of precision shell cores on a mass production basis
- Totally mechanized core discharge to conveyor
- Fully automatic – limited operator interface
- Flexible conveyor belt for removal of finished cores
- Hydraulic operation
- Standard water-cooled blow plate – for continuous operation
- Optional automation – off load flight conveyor with accumulation turn table
- Available – safety barrier guarding with interlocks



**SPECS**

**803**

Heater Plates (Gas)	20" X 29"
Core Box Size	20" X 30"
Core Box Depth (Across Parting Line)	7.5" MIN. 20" MAX.
San Hopper Capacity	200 lbs.
Effective Sand Hopper Blow Area	5 1/2" x 27"
Machine Approx Weight	10,000 lbs.
Gas Volume	400 cu/ft/hr
Output	400,000 Btu
Pressure	8 To 10 oz/sq. in.
Min. Air Pressure Req'd.	80 psi
Max. Air Consumption	120 SCFM
Max. Water Consumption	Approx. 4 gal/min. @ 15 ft/sec

