MACsealer HS 6-3

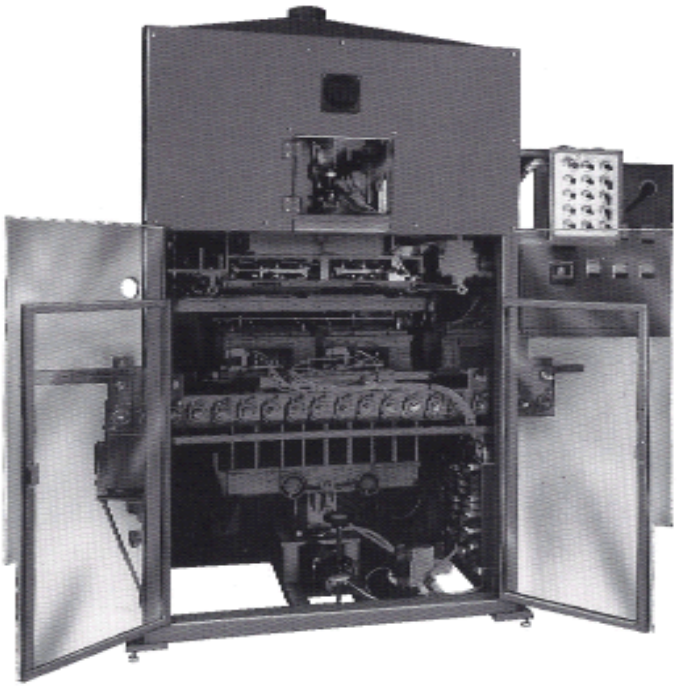
...with double- squeeze seals for controlled, accurate melt depth

- **Economical Polypropylene Battery Cover to Container Fusion Sealing**
- **Consistent Leak Eliminating Double-Squeeze Process**
- **Seals 1, 2 or 3 Batteries per Cycle**
- **Automotive or Commercial Batteries Sized to Meet Your Needs**

MACsealer HS 6-3… The New Sealing Standard can seal 3 batteries per cycle.

The MACsealer HS 6-3 is compact, rugged and reliable. This machine can produce up to 6 automotive-size batteries in a minute. Not only is it fast, but it is also fully automatic. Coupled with fast changeover and your choice of a single, double, or triple platen, the MACsealer HS 6-3 should be your choice for heat sealing.

- Fast, automatic sealing up to 360 automotive batteries per hour using a triple platen, up to 120 automotive batteries per hour with a single platen.
- Pneumatically driven by multiple cylinders, the MACsealer HS 6-3 seals batteries effortlessly and continuously.
- Batteries, with covers on, automatically enter the MACsealer HS 6-3. They are precisely positioned, and their cover is lifted.
- The extra heavy-duty, variable-temperature platen is the heart of the fusion sealing process. Made from special a alloy, the evenly-heated platen warms the cover's lower edge and the container's upper edge. After controlled melting, the platen is automatically removed, and the cover and container are pressed together not once, but twice. This is the MACsealer's patented two-squeeze process.
- Using controlled melt depths and the double-squeeze seal, the MACsealer produces superior, consistent quality seals, battery after battery.
- The front-loaded tooling allows for easy, complete battery changeover in 15 to 20 minutes. The platen alone can be changed in less than 10 minutes. Compared to other sealers, the MACsealer gives you more time for production.
- Safety features include Lexan covers with safety switch shut-offs on all doors. An audio alarm sounds for low-heat conditions or missing covers.
- Tooling is low-cost, versatile and dependable.
- Cycle speeds of 30 seconds.
- Conveyor is driven using a high-quality electric gear motor drive.
- Bonding and repeatability accuracy is controlled using positive stops to ensure precise and consistent melt depths.
- Optional tooling cart allows for preheating of extra platen and assists in tooling changes.
- Rapid changeover includes mechanical adjustment of conveyor stops, case and cover melts stops and possible resetting of temperature and melt-time controls.



MACsealer HS 6-3

TECHNICAL SPECIFICATIONS

Operational Requirements:

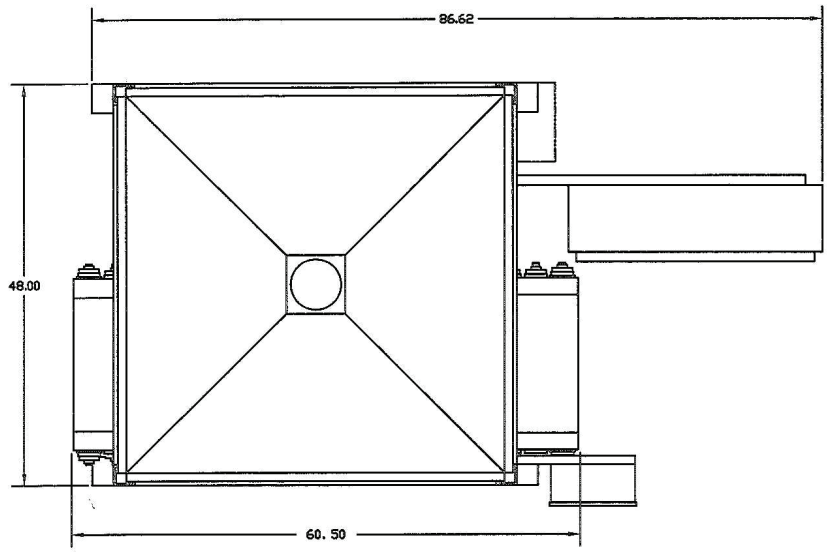
Personnel: Set-up (1)
Set-up time - about 20 minutes
Standard Electrical: 230/460 volt, ±10%, 3-phase, 60Hz
Electric Demand: 20 KVA
Ventilation: 400 SCFM recommended
Air: 1.6 SCFM @ 80 psi, ½" ID line

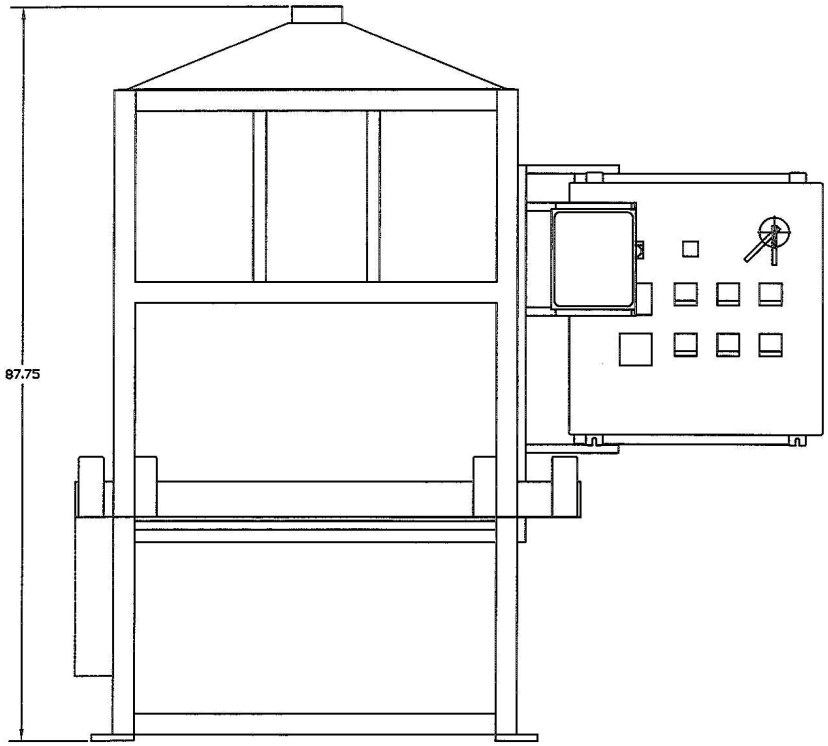
Estimated Shipping Dimensions and Weights:

Crated:	Length	2209 mm(113 inches)
	Width	1524 mm (60 inches)
	Height	2388 mm (94 inches)
	Weight:	1384 kg (3050 lbs)

Battery Size Capabilities: Battery size ranges in inches (mm). Specs must be submitted to determine if triple or double tooling will fit with a given battery type.

Minimum:	**(L)**	**(W)**	**(H)**
mm	27	No Minimum	147
(Inches)	(5.0)	No Minimum	(5.75)
Maximum:			
mm	685	305	286
(Inches)	(27.0)	(12.0)	(11.25)





TECHNICAL DATA:

Required Data:
- Specify electric
- Specify directional flow of batteries (left to right or right to left when facing sealer)
- Specify size of platen.
- Submit samples of all covers and cases for each battery size, type and terminal configuration.

***Installation*:**
- Normally mounts in line with your flow-through production conveyor.
- Mounted on standard 102 mm (4-inch thick) reinforced concrete floor or pad beneath the machine. Holes for lag bolting to the floor are provided

Production Rate (Depending on size):
- Up to 360 batteries per hour using a triple platen (3 batteries per cycle)
- Up to 240 batteries per hour using a double platen (2 batteries per cycle)
- Up to 120 batteries per hour using a single platen (1 battery per cycle)

Operating Axis:
- X axis (conveyor) is automatic
- Y axis (horizontal) is manually set and locked in place with automatic clamping rail
- Z axis (vertical) is automatic

Programmable controller:
- Allen-Bradley P.I. is standard and controls work station operations.

Helping to make the best batteries...yours.

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