

MITUSA INC

Proven Solutions to Produce Your Parts

Using the best ergonomic design principles this heavy duty, compact longitudinal seam welder makes the operator's job easier. The Mitusa ERGO has a unique tabletop design containing a clamping finger mechanism providing uniform and consistent hold-down alignment and chilling of the weld joint. The retractable edge alignment devices assist the operator in aligning the part over the centerline of the backup bar groove. The liquid cooled mandrel feature helps keep the fixture and weld area at its optimal operating temperature. Linear rails are mounted to the top and bottom of the fabricated track, allowing the TC ERGO carriage to travel smoothly via four bearing blocks. The carriage has a series of 3/8 inch -16 x 2-1/2 pre-drilled holes, tapped to make mounting easy. The seamer is shown equipped with the MAGA 1 microprocessor control which includes wire feed, arc length, weld travel, and weld power supply control in one enclosure.



This Mitusa Ergo Seamer Family offers the following advantages:

- Convenient, easy to read air module controls on front with operator buttons and lights
- Low voltage motors for safety
- One primary power connection
- Simple track alignment
- MAGA 1, Single box electric control of process- operator does not need to search which box and button to push, or turn
- Foot switch activation of clamping fingers
- Programmable home position, travel, and weld length
- Low profile, easy to move unit as weld cell changes
- Power source, recirculator mounted on carriage

Standard ERGO Seamer

- For all ferrous and non-ferrous materials
- Part diameter range: 4.500" to 36"
- Material thickness range: 0.005" to .250"
- Maximum clamping length: 54"

ERGO LSW 048 showing optional material handling.



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