

Drum welding machines

This customer is the world leader in drum welding machines.

A drum welder manipulates sheet metal, through a series of bending operations, forming the shape of the drum. It then welds a seam to finish along the side of the drum to complete the manufacture of a drum.

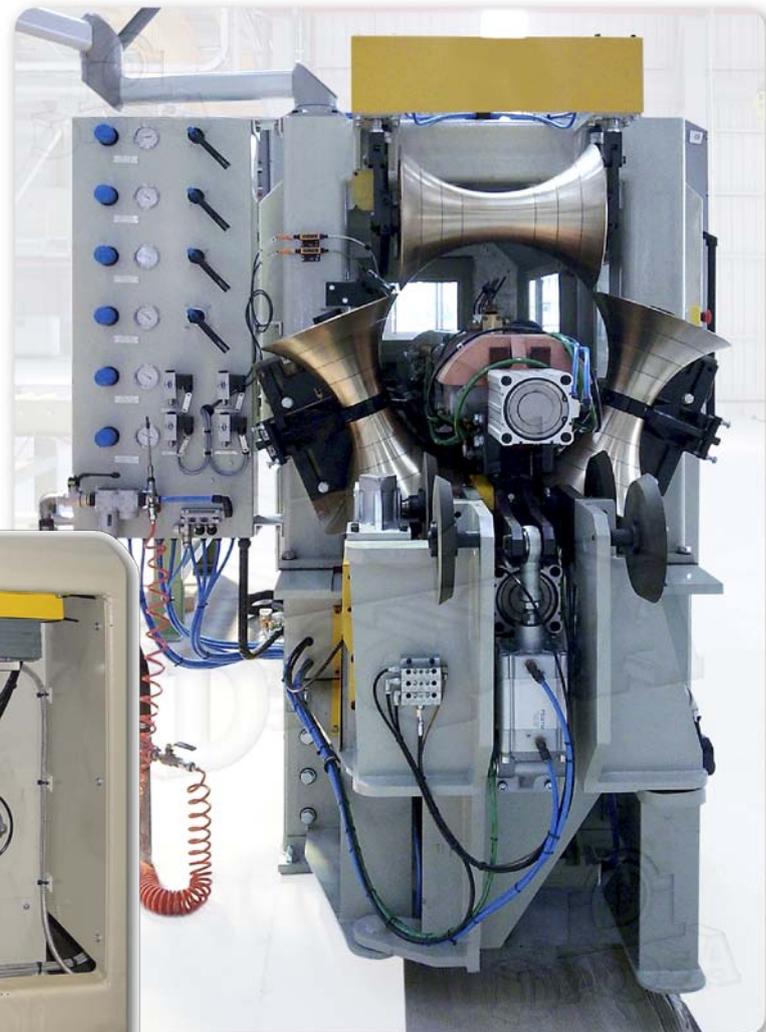


Analysis of the lubrication system

Drum Welding is an automated process.

Manual intervention is needed so frequently that an automatic lubrication system is required to keep the machine running without intervention.

Bearings are under heavy load especially in the area called the crushing roll.



DropsA proposed:

- **2 off Loco air pump**
- **Various SMX progressive distributors.**
- **3362026 Hose for interconnecting**
- **6mm Nylon for feed lines**

There are 2 air pumps that feed 2 areas of the machine that run independently from each other.

This reduces wastage of grease.

SMX progressives in zinc plated steel and ultrasensor were used for monitoring correct distribution of grease.

3362026 hose with nylon 6mm is also used for interconnecting pipe work.



Locopump

A simple yet versatile pneumatic pump ideal for use in small and medium single line progressive divider grease systems.

SMX distributor

The Modular progressive distributors nickel plating adopted by Dropsa is up to 70 times more resistant to corrosion in the field than the previous zinc plating.