

OL100, OL200 and OL300 Lifter

Oxyfuel Torch Lifters with Automatic Height Control

Overview:

The Messer OL Series are heavy production oxyfuel lifters designed to operate in harsh conditions. The lifters react quickly to automatic height sensing signals from the optional Sensomat-PAN and ALFA height sensing devices or from manual up and down commands initiated by the operator.

- **Fast** cycle time increases productivity.
- **Smooth** motion improves cut quality.
- **Reliable** components equal less downtime.
- **Accurate** height sensing minimizes preheat times (*Optional*).

Features and Benefits:

- Vertical torch collision protection with rapid auto retraction.
- Precision ballscrew for smooth motion.
- Dual linear guides for maximum rigidity.
- Maintenance-free sealed bearings.
- 150 IPM vertical speed for high productivity.
- 100 mm (3-7/8"), 200 mm (7-3/4") or 300 mm (11-13/16") stroke for OL100, OL200 or OL300, respectively.

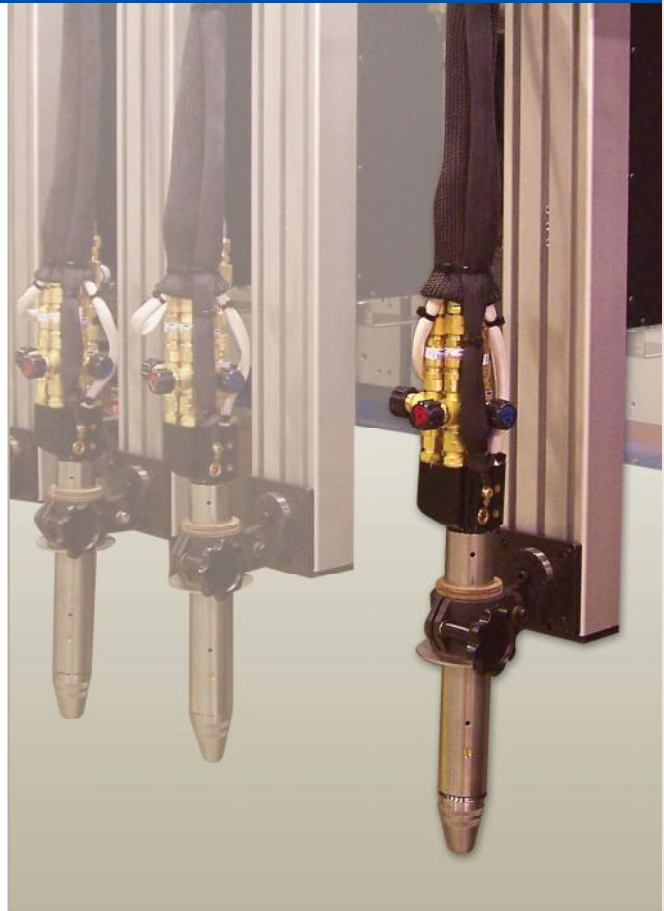
System Description:

Motorized lifters allow the torch standoff to be changed easily from the operator's station. Sensomat-PAN or ALFA automatic height sensing can be added to maximize the performance of the lifter. Automatic height sensing allows for unattended operation, minimal preheat times and helps to prevent damage to the torch. The operator simply presses the Cycle Start button and all torches come down to the correct height for preheating the material.

After the cutting process begins, the patented Sensomat technology accurately maintains this height to provide excellent cut quality and accurate cut parts.

Application:

Available on the TMC4500ST, Titan II, and MPC2000 machine models.



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OPTIONS

TABLES

CONTROLS

CUTTING MACHINES