

# CSL TORCH LIFTER

Optimized system technology for laser and plasma torches.

## PRODUCT

Messer Cutting Systems CSL TORCH LIFTER features an adaptive initial height system for plasma and fiber laser torches. Productivity enhancing features produce more parts in a shorter period of time. As the system “learns” the height of the plate on the cutting table it quickly positions the torch to the correct pierce height. Customizable parameters keep the torch close to the plate between pierces, reducing the frequency of initial height senses.

### FEATURES AND BENEFITS:

- + 1180 IPM (29,972 mm/min) at .5g slide speed increases productivity (laser), 880 IPM (plasma).
- + Torch height distance monitored every millisecond for consistent height control.
- + Auto Kerf crossing detection locks out height.
- + Digital 1,000 Watt brushless AC servo.
- + High resolution encoder for accurate feedback.
- + Twin steel guide ways with precision ball screw.
- + Multiple and variable retract positions.
- + Accommodates the SureStop Collision Sensor:
  - » Rapid recovery saves money and downtime.
  - » No expensive after collision repair cost.
  - » Torch is simple to remove and easy to re-align.

### APPLICATION

Available on the MetalMaster Xcel, MetalMaster 2.0, EdgeMax, and MetalMaster Evolution machine models.



Surestop Collision Sensor with quick and accurate reset.