



# SURESTOP COLLISION SENSOR

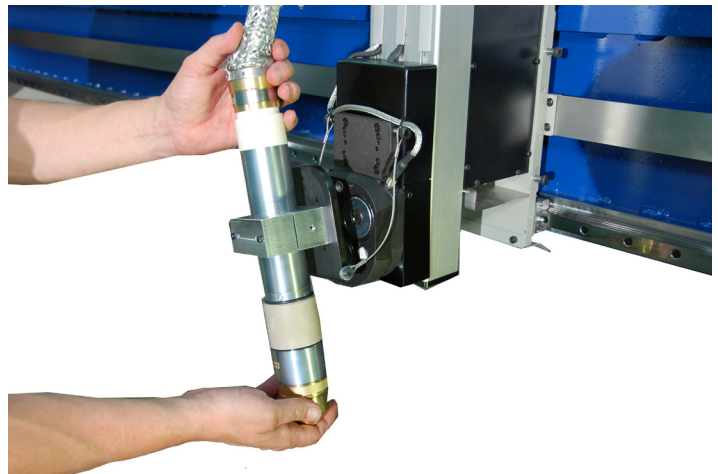
Plasma Torch Collision Protection

U.S. Patent #5,782,445

The Messer SureStop Collision Sensor uses a permanent magnet to hold the torch rigidly in place in case of a collision. If a collision occurs, the machine stops, the process shuts off, the torch is protected from damage due to programming errors, obstructions on the cutting table and improper material positioning.

## FEATURES AND BENEFITS

- Cuts cost of repairing damaged torches after collision.
- Permanent magnets eliminate possibility of failure.
- Magnets are unaffected by heat from thermal cutting.
- Protects torch in Z-Axis (up and down) as well as the X-Y Axis.
- Resetting after a collision is reliable, consistent and takes only a few seconds.
- Does not require power to hold the torch in place.
- Available for use in conjunction with:
  - » OL Family of Lifters SL and PL-1.
  - » Rotator Delta<sup>e</sup> torch positioning system.



Surestop Collision Sensor is quick, simple and easy to re-align.

## APPLICATION

Available on all machine models.

Messer Cutting Systems, Inc.  
W141 N9427 Fountain Boulevard  
Menomonee Falls, WI 53051  
Phone: 262-255-5520  
Fax: 262-255-5170  
sales@messercutting.com  
www.messer-cs.com  
Español [www.messer-cs.com/mx/us/](http://www.messer-cs.com/mx/us/)