



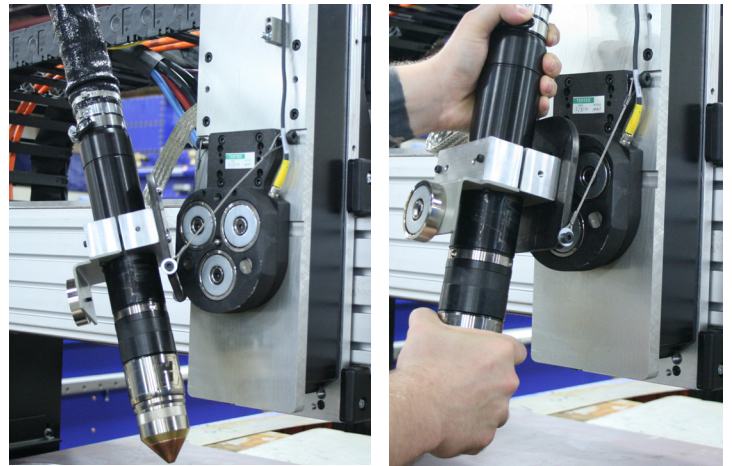
SURESTOP COLLISION SENSOR TORCH COLLISION PROTECTION

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 air or power to hold the torch in place.
- Available for use in conjunction with:
 - » Lifters SL, PL-1, and CSL Lifters.
 - » Used on Rotator Delta[®], and Bevel-R[®] beveling rotators.
 - » Plasma, Oxy-fuel, and Fiber Laser torches.



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

APPLICATION

Available on all machine models using PL-1, SL, and CSL lifters.

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