

SureStop

Collision Sensor

Patent #5,782,445



SureStop in position for use

Overview:

The MG SureStop magnetic torch protection system holds the torch rigidly in place while cutting. When a torch collision occurs, the machine stops and the process is shut off, protecting the torch from related damage due to programming errors, obstructions on the cutting table, and improper material positioning.

Features & Benefits:

- 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 and Y axes
- Resetting after a collision is reliable, consistent, and takes only a few seconds
- Available for use in conjunction with the MG PL-1 Plasma Lifter and the Rotator Delta torch positioning system
- Does not require power to hold the torch in place

System Description:

The SureStop utilizes permanent magnets for torch protection if a collision occurs. Torch alignment is easily and accurately re-established after a collision through the use of unique fixture points. The SureStop provides torch protection in the X, Y, and Z axes.

Application:

Available on all popular plasma systems in conjunction with MG System's PL-1 Lifter and Rotator Delta torch positioning system.



SureStop after a collision

MESSER 

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OPTIONS

TABLES

CONTROLS

CUTTING MACHINES