

Manual Plasma Bevel Unit

Manually-Adjusted, Straight-Line Motion Plasma Bevel Cut Tool

OVERVIEW:

The Manual Plasma Beveler provides an adapter mounting between the SureStop breakaway and lifter to allow straight-line motion bevel cuts in the X-axis (longitudinal direction).

FEATURES AND BENEFITS:

- Bevel unit is for longitudinal bevel cutting only
- Bevel unit must be adjusted to proper angle manually and resultant cut angle checked for correctness.
- Torch must be positioned manually with auto height off to achieve correct pierce height
- After arc has been established and machine motion in the longitudinal axis has begun, auto height sensing can be activated.
- Several test cuts may be needed to establish the desired angle.
- A scrap piece of material can be placed in front of the plate for piercing purposes, before proceeding into the plate that is to be cut.
- Bevel-type consumables may be required to achieve torch tip clearance depending upon the desired bevel angle. Bevel-type consumables availability is dependent upon the plasma system implemented.

SYSTEM DESCRIPTION:

Provides manually adjusted straight line bevel cuts in the X-axis to +/-45°

APPLICATION:

Available with the PL-1 lifter on the MPC2000, Titan II, and the TMC4500ST.



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Sample bevel cut part