



# MANUAL PLASMA STRIPPING BEVEL UNIT FOR THE X-AXIS

Manually Adjusted, Straight Line Motion, Plasma Bevel Cutting Tool

Messer Cutting Systems Manual Plasma Beveler provides an adapter mounting between the SureStop breakaway and lifter to allow straight-line motion bevel cuts in the X-Axis.

## FEATURES AND BENEFITS

- **Cut straight line strip bevels in the longitudinal X-Axis.**
- **Featured on the PL-1 and CSL lifters.**

## NOTES:

- Bevel unit must be manually adjusted to proper angle resultant cut angle checked for correctness.
- Torch must be positioned manually with auto height “off” to achieve correct pierce height.
- When the arc has been established and machine motion in the longitudinal axis has begun, auto height sensing can be activated.
- Initially, test cuts may be needed to establish set point on the adjustable stop-blocks to achieve the correct cut angle.
- Four removable sets of adjustable stop-blocks are included to reduce setup time between cuts.
- Scrap material can be placed in front of the plate for piercing before proceeding into the plate that is to be cut.
- Bevel consumables may be required to achieve torch tip clearance depending upon the desired cut. Beveling consumables availability is dependent upon the plasma system implemented.
- Cut quality may be affected by bevel unit.
- Glare curtain or glare shield is not available with this option.

## SYSTEM DESCRIPTION

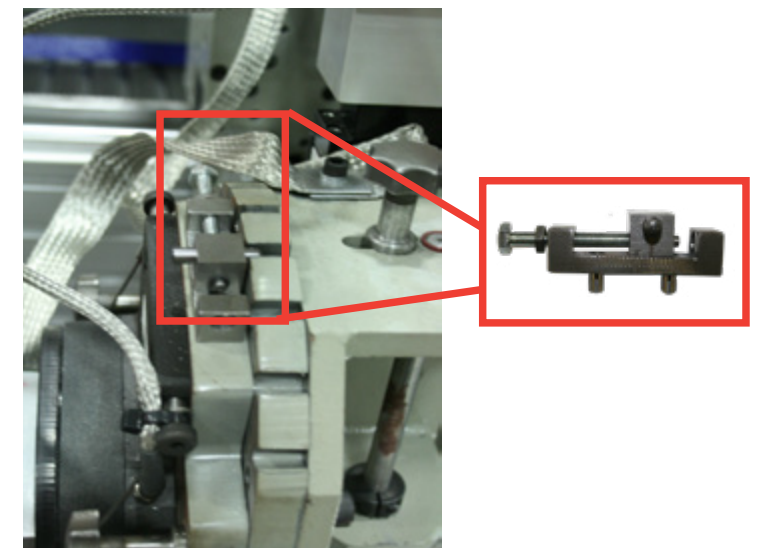
Provides manually adjusted straight line bevel cuts in the X - Axis to  $\pm 45^\circ$

## APPLICATION

Available on the EdgeMax, PlateMaster II, MetalMaster Evolution, Titan III, MPC2000, and the TMC4500 DB.



**Manual Plasma Stripping Bevel Unit featured in the X-Axis. Photo shows a straight line bevel cut piece at  $22\frac{1}{2}^\circ$ .**



**Shows stop-block pin engagement.**