

# Three Position Oxyfuel Bevel Unit

*Manual Rotation with Three Positions (Bevel Cut in X- or Y-Axis)*

## OVERVIEW:

The Three Position Triple Torch Oxyfuel Bevel Unit provides weld preparation edges and plate squaring in a single pass. Cutting a "V", "Y", or "K" cross section in one pass, the manually adjusted Triple Torch Oxyfuel Unit is designed to make a straight line bevel cut. It can cut in the longitudinal (X) axis or be used to bevel cut the ends of a plate (+/- Y) by manually rotating the unit +/- 90°. Height sensing is achieved with a counter-balanced caster wheel that rides on the plate.

## FEATURES AND BENEFITS:

- Provides plate squaring and weld preparation edges
- Bevel angles up to 45°
- Torches may be adjusted from .375" to several inches apart using rackable dovetail horizontal slides providing for a wide range of bevel angles that can be cut on a variety of material thicknesses
- Cylinder lock to maintain proper height near the edges of the plate allows for cut completion at proper stand-off.
- Capable of beveling in the X or Y axis by manually rotating the unit

## SYSTEM DESCRIPTION:

Manually adjusted Three Position Triple Torch Oxyfuel Bevel Cutter for straight line bevels with manual gas adjustment and manual ignition. Bevels can be cut in either the X or Y axes. Height sensing is carried out by the caster wheel, and is controlled near the plate edge with a cylinder lock.

## APPLICATION:

Available on the Titan II and TMC4500ST machine models.

