

SINGLE POSITION OXYFUEL BEVEL UNIT

Simplified Oxyfuel Bevel System

Messer Cutting Systems Single Position Oxyfuel Bevel Unit produces weld preparation edges on mild steel. Standard bevels including V, X, Y and K profiles can be produced with manual adjustment of the torches, and cut linear entities in the longitudinal (X) direction. This bevel system best suited for applications requiring a bevel profile on rectangular plate.

FEATURES AND BENEFITS

- **Patented automatic height sensing system produces accurate bevel cuts and reduces scrap.**
- **Patented off-plate detection system protects torches when cutting near the plate edge.**
- **Manual adjustment of side torch angle, lateral offset and torch ignition.**
- **Capable of cutting V, X, Y & K bevel profiles for maximum versatility.**
- **Mechanical torch collision system prevents costly repair.**
- **Z-axis motorized lifter with a maximum stroke of 200 mm (7-3/4") or optional 300 mm (11-3/4").**
- **Angle adjustment of 15° to 45°.**
- **Straight cuts up to 305 mm (12") with the center torch.**

Thickness capacity is dependent upon bevel angle and bevel profile.

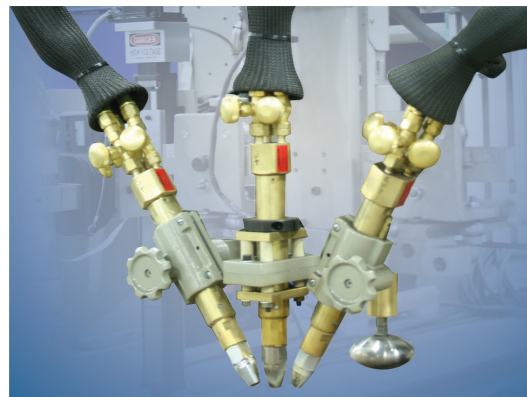
- » Bevel cuts up to 195 mm (7-3/4") plate thickness at 15°.
- » Bevel cuts up to 185 mm (7-1/4") plate thickness at 22.5°.
- » Bevel cuts up to 175 mm (6-7/8") plate thickness at 30°.
- » Bevel cuts up to 140 mm (5-1/2") plate thickness at 45°.

SYSTEM DESCRIPTION

Simple, robust oxyfuel bevel system capable of cutting variety of bevel profiles in mild steel.

APPLICATION

Available on the Titan III, MPC2000 and TMC4500 DB machine models.



Messer Cutting Systems, Inc.
W141 N9427 Fountain Boulevard
Menomonee Falls, WI 53051
Phone: 262-255-5520
Fax: 262-255-5170
sales@messercutting.com
www.messer-cs.com
Español www.messer-cs.com/mx/us/