



DAF/L OXYFUEL BEVEL UNIT

The DAF/L Oxyfuel Bevel Unit is used to produce weld preparation edges on mild steel. Programmable lateral and angle adjustment of the torches provides the ability to quickly switch between V, X, Y or K bevel profiles within the same part or nest of parts. Remote ignition, automatic gas flow adjustment, an infinitely rotating gas slip ring and a patented automatic height sensing system provide nearly unattended operation of the machine. The DAF/L is the clear choice for companies with multiple bevel profile requirements on mild steel up to 120 mm (4-3/4") that want to maximize productivity while producing high quality parts.

FEATURES AND BENEFITS

- **Infinitely rotating gas slip ring provides full contour beveling without with no twisting of cables or hoses**
- **Patented automatic height sensing system produces accurate bevel cuts and reduces scrap**
- **Patented off-plate detection system protects the torches when cutting near the plate edge**
- **Programmable angle and lateral offset adjustment provide automatic positioning of side torches**
- **Remote (automatic) torch ignition eliminates climbing on the table**
- **Capable of cutting V, X, Y & K bevel profiles for maximum versatility**
- **Mechanical fuse torch collision system Z-axis motorized lifter with a maximum stroke of 250 mm (9-3/4")**
- **Angle adjustment of 15° to 60°**
- **Straight cuts up to 120 mm (4-3/4") with the center torch**
- **Bevel cuts up to 80 mm (3-1/4") plate thickness**

SYSTEM DESCRIPTION

Fully automated oxyfuel bevel system capable of cutting a wide variety of bevel profiles in mild steel.

APPLICATION

Available on MPC2000 and TMC4500 machine models.



DAF/L Cutting a K Bevel



Sample Part

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