

Specification Sheet for AMI 79-1500 Orbital Weld Head

Must be compatible with AMI model 227 power source.

Must have ability to ride directly on pipe or tube for minimum radial clearance.

Must have programmable servo motions which include rotation, oscillation, wire feed, and AVC.

Must provide minimum radial clearance of 4.83"

Must provide overall axial clearance of 4.92" max.

Must have ability to maintain radial clearance throughout size range.

Must have ability to weld a pipe size range of 0.625" NPS through 1.5" NPS.

Torch must be water cooled with a minimum rating of 200 Amperes (100% Duty Cycle)

Must have AVC travel of 0.68" and Oscillation stroke of 0.6"

Travel speed must be adjustable from 0.05 – 10.0 RPM.

Must have an adjustable wire feed rate of 5 to 100 IPM.

Torch must be adjustable for lead/lag (+/- 10°) and tilt (+/- 15°).