



## PolyWorkshop80i

PolyWorkshop80i hydraulically operated workshop machine for the butt welding of pipes and fittings in HDPE. CNC control provides correct welding parameters, while on-board data logger saves quality control information. optional clamps allow for the fabrication of segmented bends of different radii, equal square tees and crosses, equal y-branch tees of 45 and 60 degrees. Capacity 54" to 80" IPS OD bends, 54" - 80" equal tees and crosses, and 54" - 80" 45 and 60 degree equal wye-branch tees. Welding is carried out at variable interface force. Please note that unlike many, this machine is capable of producing the entire range of fittings across all diameters.

### TECHNICAL SPECIFICATIONS

Welding Range: 80" - 54". 80" DR 17. 65", 63" & 54" minimum DR 13.6 for all diameters of elbow, tee, cross clamps and Y clamps

Genuine 2 year international warranty provided by Worldpoly Australia

PLC touch-screen controlled, includes 20,000 weld data logging

When optional clamps are selected, produces bends 80", 65", 63" & 54" OD

Ditto equal tees 80", 65", 63" & 54" OD

Ditto equal crosses 80", 65", 63" & 54" OD

Ditto 45 and 60 degree Wye-branch tees 80", 65", 63" & 54" OD

Hydraulic open-close and locking of main bend clamps

German hydraulic seals

400 volt 3 phase 50 Hz . Optional 60 Hz also available

Please note technical specifications of Worldpoly machines may change without notice