



Worldpoly800 LF

Worldpoly800 LF hydraulically operated butt-welding machine suitable for PE and PP pipes and fittings from 450 (optionally 400) to 800mm OD and 18" to 30" IPS. Excellent design and construction provides a premium machine for welding both on the worksite and in the factory. Available to weld according to ISO/DVS/POP003 SLP & DLP low pressure, and optionally both low and high-pressure according to ISO, POP003 and North American Standards. Can be integrated with optional data logger and overhead electric crane.

TECHNICAL SPECIFICATIONS

Welding range 450 to 800mm to SDR 9 (PN20)

Welding force maximum 800mm OD SDR 9 plus 30% drag, according to according to DVS 2207-1, ISO 21307 and POP003 low-pressure specifications.

German hydraulic seals.

Main frame includes 4 light weight alloy main clamps of 800mm diameter.

Clamp options include:

Layer clamps: 800x710, 710x630, 630x560, 560x500, 500x450.

2-piece liners: 800x710, 800x630, 630x560, 630x500, 630x450.

Narrow clamps: 800x710, 800x630, 800x560, 800x500, 800x450.

Machine can be supplied with any combination of liner diameters.

Aluminium PTFE coated heating plate with electronic temperature control.

Electrically operated facing tool for correct preparation of pipe ends.

Electro hydraulic pump with controls, and quick release hoses. Includes countdown timers for heating and cooling phases.

Stand for heating plate and facing tool.

Overhead electric crane available as an option (note please check crane regulations in your country for suitability).

Aluminium or steel stub end device for welding end fittings.

Wired ready to accept Worldpoly or other data logger.

Genuine 2 year international warranty.

Tool box including tools, bolts etc.

Optional 500kg crane assembly and/or wheeled trolley available.

400 volt 50/60 Hz 3 phase (18.1 kw 31.7 A).

Minimum generator required: 400 volt 25 KVA. Provide full machine details to generator supplier before purchase.

Weight 1,720kg (including crane and stub device)

Total cylinder area: 20.4cm², maximum pump pressure 180 bar

Please note technical specifications of Worldpoly machines may change without notice