



### PolySaw1600/65

Hydraulically operated low-profile pipe saw specifically produced for the preparation of pipe segments in HDPE, PP and other thermoplastic materials, used for the production of bends, tees and other fabrications. Capacity 630 to 1600mm OD / 24" to 65" IPS. Cutting angle is up to 67 degrees. Lowering rate of saw is hydraulically controlled, as are the top-mounted V-clamps used to hold pipe segments in place.



### TECHNICAL SPECIFICATIONS

Cutting range 630 OD / 24" IPS to 1600 OD 63" IPS

67 degree maximum cutting angle allows production of segments for bends, tees and Y-branch tees.

Hydraulic opening and lock down

Cutting feed is hydraulically controlled.

Infrared positioning.

Special saw blade available for thick walled pipe.

Angular cutting error equal to or less than 1 degree.

Genuine 12 month international warranty.

Speed of saw blade 250 m/min.

Safety:

- Emergency stop at operation panel.
- All electric operating buttons and handles are operated at 24DCV.
- Before saw blade is running it alarms with both a flashing light and audible alarm for a few seconds.
- Equipped with saw blade detection device. Once saw blade is broken, machine will stop immediately.
- Saw blade guides expand and contract automatically once pipe diameter and fitting types has been selected, assuring close contact with pipe for blade protection.
- Saw guide travel is limited by proximity switches.
- Pipe or fitting is locked by hydraulic controlled bar - easy, safe and reliable.
- Low profile design, providing easy and safe reception of cut pieces.

400 volt 3 phase 50 Hz (5.5 kw 13.4 A). 480 volt 3 phase 60 Hz option.

Weight 9,000kg

Please note technical specifications of Worldpoly machines may change without notice