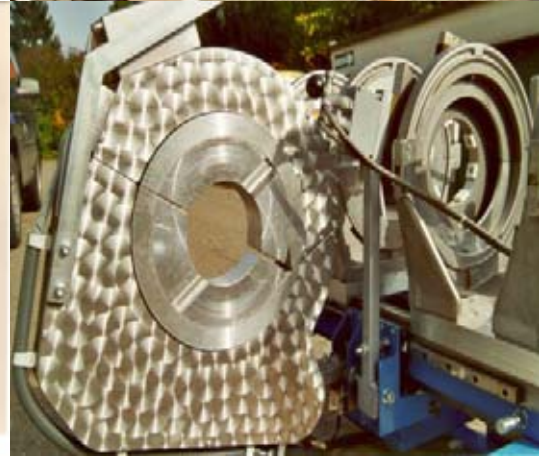


BUTTWELDING EQUIPMENTS

DS 810 E 0404



BUTTWELDING EQUIPMENTS

Technical Data

DS 810 E 0404

Universal butt welding equipment for pipes and fittings made from polyolefin materials as HDPE and PP.

Kind of equipment	This professional product line is based on successful Widos design established worldwide since decades for use in Pipeline construction, Civil Engineering works, Utility work to weld pressure and non pressure pipes and fittings of polyolefin materials as HDPE or PP up to 20 bar (SDR classes 6-33) for the following applications Gas pipes, Potable water pipes, Drainage pipes, Pipe in pipe systems, Industrial pipe systems, Cable protection pipes, Corrosion protection pipes																						
Buttwelding process	Pipe ends are fixed in the machine. Pipe end faces are squared by planar for best parallelism and alignment. The heating element is placed between the two pipe ends to heat up the material to welding temperature. After the heating element is removed, pipe ends are pressed together by hydraulic force to obtain the welding process. After the joint has cooled down, operation is finished and clamps and machine can be removed.																						
Advantages of Widos equipments	Modern technology, Easy handling, High precision, Robust and field proven design, Best materials, World wide maintenance support, Best spare part stock,																						
Models consist of	Basic frame, heat element with anti-stick coating and electronic temperature control, electronic planar, basic clamps and clamp inserts, hydraulic unit																						
Available models	<table border="1"> <thead> <tr> <th>Model</th> <th>for pipe sizes</th> <th>Model</th> <th>for pipe size</th> </tr> </thead> <tbody> <tr> <td>4400</td> <td>50-160 mm</td> <td>6100</td> <td>315-630 mm</td> </tr> <tr> <td>4600</td> <td>75-200 mm</td> <td>8000</td> <td>500-800 mm</td> </tr> <tr> <td>4900</td> <td>90-315 mm</td> <td>10000</td> <td>500-1000 mm</td> </tr> <tr> <td>5100</td> <td>200-450 mm</td> <td>12000</td> <td>630-1200 mm</td> </tr> </tbody> </table>			Model	for pipe sizes	Model	for pipe size	4400	50-160 mm	6100	315-630 mm	4600	75-200 mm	8000	500-800 mm	4900	90-315 mm	10000	500-1000 mm	5100	200-450 mm	12000	630-1200 mm
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Optional	<ul style="list-style-type: none"> • Weld log recorder for printed documentation of all welding data acc. to international standards. • Value deviation will cause error message. • CNC control unit for printed documentation of all welding data acc. international standards. Value deviation will cause interruption of welding process. • Lifting device for planar and heating element for all models 6100 and bigger available. • Pipe cutters • Electric edge trimmer • Pipe chamfering unit • Custom made clamping tools for non standard pipes and fittings • Available for 220V and 110 V 																						
Equipment Rental	All models available for rent																						
Service	We offer job site assistance and service in the field.																						
Other welding equipments	Plug welding equipment Hot Air welding equipment Standard electrofusion welding equipment Special electrofusion welding equipment FKS-Pipe electrofusion welding equipment Halfpipe butt welding equipment																						

Contact us for more details.

Discover PESETEC. Discover our ideas.

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