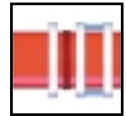


WIDOS 4400



WIDOS 4400

Heating element butt welding machine for pipes and fittings out of polyolefine from OD 50 to OD 160, for usage on building sites and in trenches. The machine has a double clamping device with quick clamping on the fixed and on the movable side guided by two hydraulic cylinders. There are two flexible hoses with quick-action couplings for connection to the hydraulic control unit. The double clamping devices are screwed to the steel pipe frame. The outer fixed clamping device can be easily dismantled by removing three screws for welding at difficult accessible places, e.g. in trenches or at branches of T-pieces. The remaining unit of three rings can be removed from the frame for use for repair works. The electric hydraulic unit - for moving the right-hand clamping device and for the exact control of the welding forces - has a pressure backup for supporting the welding force during cooling down and two quick-action couplings, as well as a digital pressure gauge for the exact indication of the pressure. The planer is suspended in the guide shafts, has a chain drive in a closed aluminium housing, a security micro-switch with lock and an automatic external chip removal. The heating element is suspended in the guide shafts, is nonstick-coated, has an electronic temperature control with digi-

tal display, control lamps, an on/off-switch and a connecting cable with shock-proof plug. For the heat-protected storage of the heating element and the planer, a reception box is available. Smaller pipe dimensions can be clamped by means of reducer inserts depending on the pipe diameter. In addition, large and extra large reducer inserts or a combination of small, large and extra large inserts can be delivered. All components are covered by the WIDOS works warranty. The WIDOS 4400 welding machine can easily be equipped subsequently with the WIDOS SPA weld log recorder (see page 22) and can also be supplied in CNC-controlled version (see page 23). The WIDOS 4400 has a voltage of 230 V. Other voltages on request. Heating elements moving out automatically are available on request.

Set composition

Description	Qty.	kg	Order-no.
Basic machine with clamping device OD 160 mm*	1	25,0	160100
Hydraulic power source 230 V / 315 W*	1	23,0	1011230
Planer 230 V / 950 W*	1	7,5	1604220
Flexible hoses with quick-action couplings*	2	2,0	VSCHL4400
Heating element 230 V/800 W*	1	3,5	H4400E
Heat-protected box for planer and heating element*	1	4,0	EIN4400
Reducer inserts, small (1 set = 8 halfshells)			
OD 50*	1	1,7	1608050
OD 63*	1	1,6	1608063
OD 75*	1	1,6	1608075
OD 90*	1	1,4	1608090
OD 110*	1	1,2	1608110
OD 125*	1	1,0	1608125
OD 140*	1	0,86	1608140
Socket wrench, 24 mm	1	0,05	ZRS24
Allen key with T-grip, size 3	1	0,05	ZIT03
Allen key with T-grip, size 4	1	0,05	ZIT04
Allen key, size 3	1	0,03	ZIG03
Allen key, size 5	1	0,03	ZIG05
Allen key, size 6	1	0,03	ZIG06
Hydraulic oil	1 l	1,0	HLPD35
Planer knife	2	0,03	MES085
Transport case* (84 x 84 x 57 cm)	1	44,0	TK4400
* available as SET	machine reducer inserts		16SV44N1 16VS140