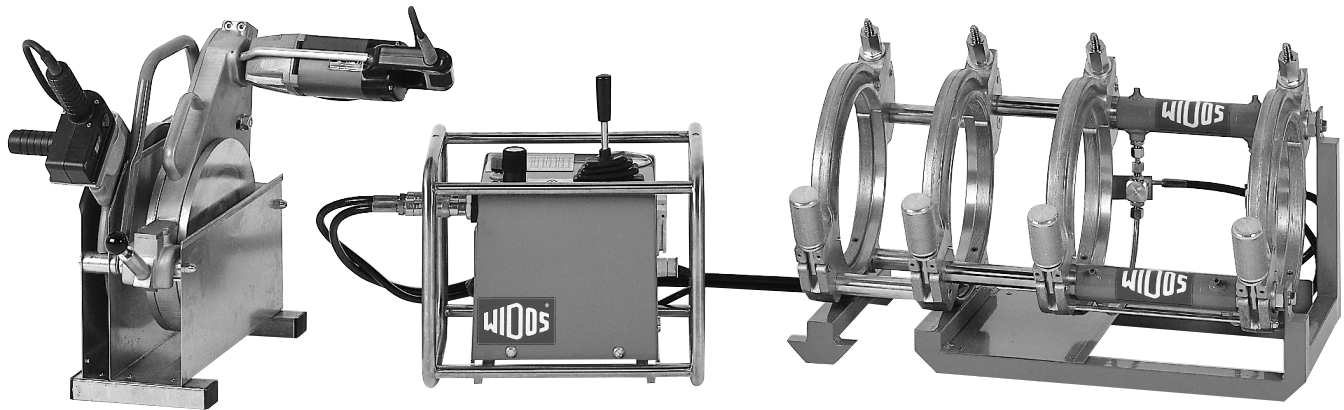
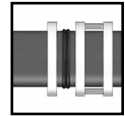
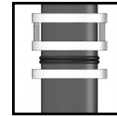


# WIDOS 4600



building site welding machines



## WIDOS 4600

Heating element butt welding machine for pipes and fittings out of polyolefine from OD 75 to OD 250, 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 microswitch 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. The separating device prevents the heating element from sticking to the pipe after the heating process.

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. For the storage of the reducer inserts, optional transport cases can be supplied.

All components are covered by the WIDOS works warranty.

The WIDOS 4600 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 4600 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 250 mm*	1	42,0	091100
Hydraulic power source 230 V / 315 W*	1	23,0	1010230
Planer 230 V / 1050 W*	1	14,0	0914220
Flexible hoses with quick-action couplings*	2	2,0	VSCHL4600
Heating element 230 V / 1500 W*	1	6,0	H4600E
Heat-protected box for planer and heating element*	1	8,0	EIN4502
Reducer inserts, small (1 set = 8 halfshells)			
OD 75*	1	6,5	0908075
OD 90*	1	6,5	0908090
OD 110*	1	6,5	0908110
OD 125*	1	5,9	0908125
OD 140*	1	5,7	0908140
OD 160*	1	5,2	0908160
OD 180*	1	4,6	0908180
OD 200*	1	4,2	0908200
OD 225*	1	2,1	0908225
Socket wrench, 27 mm	1	0,05	ZRS27
Allan key with T-grip, size 4	1	0,05	ZIT04
Allan key with T-grip, size 5	1	0,05	ZIT05
Allan key, size 3	1	0,03	ZIG03
Allan key, size 6	1	0,03	ZIG06
Hydraulic oil	1 l	1,0	HLPD35
Planer knife	2	0,03	MES120
Transport case* (85 x 95 x 67 cm)	1	45,0	TK4600
Transport case for reducer inserts* (84 x 68 x 28 cm)			TK46001
* available as SET			
Machine reducer inserts			09SV46N1 09VS225