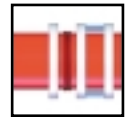


WIDOS 6100



WIDOS 6100

Heating element butt welding machine for pipes and fittings out of polyolefine from OD 315 to OD 630, 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 with a geared motor and an automatic external chip removal.

The heating element is suspended in the guide shafts, is nonstick-coated, has an electronic temperature control, 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. For the storage of the reducer inserts, optional transport cases can be supplied.

A lift-off device for the easy inserting and removing of the heating element and the planer is available.

All components are covered by the WIDOS works warranty.

The WIDOS 6100 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 6100 has a voltage of 400 V/230 V. Other voltages on request.

Set composition

Description	Qty.	kg	Order-no.
Basic machine with clamping device* OD 630 mm	1	226,0	081100
Planer 400 V/1100 W*	1	103,0	0814380
Hydraulic power source 230 V/315 W*	1	23,0	1010230
Heating element with temperature probe and connecting plug 400 V/7000 W*	1	36,0	H6100E
Heat-protected box for planer and heating element*	1	62,0	EIN6100
Reducer inserts with screws (1 set = 8 halfshells)			
OD 315*	8	53,0	0808315
OD 355*	8	50,0	0808355
OD 400*	8	44,0	0808400
OD 450*	8	41,0	0808450
OD 500*	8	36,0	0808500
OD 560*	8	27,0	0808560
Lift-off device consisting of: gallows	1	21,0	081142
chain-draft 400 V/200 W	1	22,0	AKET080
Socket wrench, 27 mm	1	0,1	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 with T-grip, size 7	1	0,05	ZIT07
Allan key, size 3	1	0,05	ZIG03
Allan key, size 6	1	0,05	ZIG06
Hydraulic oil	1 l	1,0	HLPD35
Planer knife	4	0,05	MES120
Transport case (225 x 150 x 128 cm)*	1	195,0	TV6100
* available as SET	machine reducer inserts		08SV61N1 08VS560