



### WeldTech 5100

Heating element butt welding machine for pipes and fittings out of polyolefine from 200mm to 450mm, 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 work. 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 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. All components are covered by the WeldTech works warranty. The WeldTech 5100 welding machine can easily be equipped subsequently with the WeldTech SPA weld log recorder (see page 20) and can also be supplied in CNC controlled version (see page 21). The WeldTech 5100 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 450 mm	1	109.0	071100
Planer 230 V/1400 W*	1	37.0	0714220
Hydraulic power source 230 V/315 W*	1	23.0	1010230
Flexible hoses with quick-action couplings*	2	2.0	VSCHL5100
Heating element 230 V/3600 W*	1	20.0	H5100E
Heat-protected box for planer and heating element*	1	25.0	EIN5100
<b>Reducer inserts with screws (1 set = 8 halfshells)</b>			
OD 200*	8	8.0	3808200
OD 225*	8	7.6	3808225
OD 250*	8	7.0	3808250
OD 280*	8	6.5	3808280
OD 315* (also adapter for OD 200-280)	8	14.4	071142
OD 355*	8	16.5	0708355
OD 400*	8	12.0	0708400
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 10	1	0.05	ZIG10
Hydraulic oil	1	0.05	HLPD35
Planer knife	1	1.0	TK5100
Transport case* (183 x 145 x 125 cm)	1	145.0	
* available as SET			
	machine reducer inserts		07SV51N1 07VS400