



WIDOS 4002

Welding machine for the heating element butt welding of PE-, PP-, PVC- and PVDF-pipes and fittings from OD 90 up to OD 315 mm. Based on a steel frame with electro-hydraulic adjusting device (230 V, 250 Watt) for the control and application of the welding pressure, planer with electrical chain drive in a closed aluminium housing (230 V, 1010 Watt), external chip removal, holding bracket for the heating element, adjustable timer, basic clamping tool (without diameter depending reduction inserts) swivelling on each side up to 15° for the welding of segmented bends and fittings. The right-hand clamping tool is axially movable for adjustment of diameter tolerances. The conversion kit makes it possible to increase the capacity up to OD 450 SDR 17,6 (PN 6). Special clamping tools are available for the fabrication of T-pieces 90°, 45°, 60° and cross-pieces. The machine in

its manual version can be obtained with a SPA weld log recorder (see page 22) or with CNC control (see page 23). The servo-controlled version can be obtained optionally with force adjustment or joining way restriction.

Set composition

Description	Qty.	kg	Order-no.
Basic machine with face cutter, built-in electronical power pack, basic clamping tool, support angle and basic frame	1	293,0	0231220
Heating element 230 V / 3600 W, electronical	1	15,0	H405E220
Beam for unilateral planing	1	1,5	023427KP
Reducer inserts, complete (set consisting of 4 halfshells and 2 pipe supports)			
OD 90 halfshells	4	5,6	0208090
pipe supports	2	1,3	0206090
OD 110 halfshells	4	5,5	0208110
pipe supports	2	1,3	0206110
OD 125 halfshells	4	5,1	0208125
pipe supports	2	1,3	0206125
OD 140 halfshells	4	5,2	0208140
pipe supports	2	1,3	0206140
OD 160 halfshells	4	5,0	0208160
pipe supports	2	1,1	0206160
OD 180 halfshells	4	4,8	0208180
pipe supports	2	1,1	0206180
OD 200 halfshells	4	4,7	0208200
pipe supports	2	1,0	0206200
OD 225 halfshells	4	4,4	0208225
pipe supports	2	1,0	0206225
OD 250 halfshells	4	3,9	0208250
pipe supports	2	0,8	0206250
OD 280 halfshells	4	3,4	0208280
pipe supports	2	0,7	0206280
OD 315 halfshells	4	1,8	0208315

Set composition conversion set up to OD 450

Description	Qty.	kg	Order-no.
Heating element 380 V / 5400 W	1	24,0	H500U220
Face cutter 230 V / 1050 W	1	44,0	0434220
Basic clamping tool OD 450	1	96,0	S04450KP
Reducer inserts, complete (set consisting of 4 halfshells and 2 pipe supports)			
OD 355 halfshells	4	8,3	0708355
pipe supports	2	1,6	0406355
OD 400 halfshells	4	6,8	0708400
pipe supports	2	0,9	0406400