

WIDOS 5002



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Welding machine for the heating element butt welding of PE-, PP-, PVC- and PVDF-pipes and fittings from OD 160 up to OD 500 mm. Based on a steel frame with electro-hydraulic adjusting device for the control and application of the welding pressure, planer with electrical chain drive in a closed aluminium housing, external chip removal, holding bracket for the heating element, adjustable timer. Basic clamping tool selectable in small steel or large version (without diameter depending reduction inserts) swivelling on each side up to 15° (with the large version even possible up to 22,5° upon changing the basic clamping tool) for the welding of segmented bends and fittings. The right-hand clamping tool is axially movable for adjustment of diameter tolerances. In supporting the welding force application a second cylinder is available optionally and

mounted on the upper clamping tool when needed. 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.
WIDOS 5002 set composition:			
description			
basic machine with sub-construction with planer (400 V/1100 W) and electronic heating element (400 V/5400 W), built-in electrical hydraulic aggregate			
reduction inserts according to version of basic clamping elements (steel version with/large version without pipe supports) OD 160 - 450			
stubend holder			
second additional working cylinder			