

# WIDOS 4955

## NEW PRODUCT WITH ADVANCED FEATURES



The WIDOS 4955 complements the approved WIDOS 4400 to WIDOS 6100 model series perfectly and combines the outstanding characteristics with advanced features.



*Basic machine WIDOS 4955*



*New detach system*



*Relocated way measuring system at the base frame*



*Protection of hydraulic hoses*

## **WIDOS 4955 advantages**

- **New detach system for easy detachment of basic clamping tools from base frame**
- **Relocated way measuring system allows for CNC welding without base frame**
- **Solid cover for more safety and protection of the hydraulic hoses during transport and use**
- **Compatible with WIDOS 4911 components and WIDOS 4900 reducer inserts**
- **Weight 60 kgs | 50% more lightweight than WIDOS 4911**
- **Pipe diameters OD 90 to OD 355 | material PE and PP**
- **For use on building sites and in plant constructions**

The set machines of the model WIDOS 4955 contain basic machine, planer, heating element, protection box and hydraulic unit, as well as a bag with all necessary tools. Individual components like e.g. hydraulic control unit or reducer inserts can be combined, depending on the size of the machine.

The WIDOS building site machines are designed for pipeline construction and are suitable for a wide range of applications on building sites or in plant constructions. Four clamping rings provide the necessary stability for welding long pipelines. By removing the fourth clamping ring, the machines are also adaptable for working in narrow conditions because they can be operated space-savingsly.

## CONTROL TECHNOLOGY

### Manual hydraulic control

The manual hydraulic control allows movement of the basic clamping rings and precise control of the welding pressure. The control unit is equipped with pressure setting valve, digital pressure gauge and pressure maintenance device. The surrounding steel frame protects the hydraulics.

### SPA 600 (weld log recorder)

The manual hydraulic control can be supplemented with the electronic weld log recorder SPA 600. The SPA 600 records all relevant welding parameters, displays nominal and actual values and reports deviations.

### Hydraulic control unit WI-CNC® 6.0

The WI-CNC® 6.0 ensures complete log recording of all welding parameters. The control unit impresses with the highest process monitoring and innovative operating options. The way-measuring system ensures accurate welding. In addition to digital networking (Connectivity), many user-friendly functions are available to the user, such as colour touch display or input of traceability barcodes.

Article numbers	manual version	SPA	WI-CNC® 6.0
<b>Set machine</b>	21SV4955N1	21SV4955S1	21SV4955C1
<b>Contents:</b>			
<b>Basic machine</b>	2181B100	2181B100	2181B100
<b>Way-measuring system</b>	--	--	2181B180
<b>Hydraulic control</b>	1010230	1010230	106060021
<b>SPA (weld log recorder)</b>	--	9701230	--
<b>Planer</b>	2184231	2184231	2184231
<b>Heating element</b>	H4911E	H4911S1	H4911PLC
<b>Protection box</b>	EIN4911	EIN4911	EIN4911
<b>Tool set</b>	ZWR4955	ZWR4955	ZWR4955

## TECHNICAL DATA

	Basic machine	Hydraulic control unit manual   WI-CNC	Planer	Heating element
<b>Power</b>	--	0,3   1,5 kW	1,15 kW	2,1 kW
<b>Voltage</b>	--	230V	230V	230V
<b>Weight</b>	52,0 kgs	24,0   44,5 kgs	17,5 kgs	8,8 kgs

## REDUCER INSERTS

OD	Article no.	OD*	Article no.*
90	38080908	93,0-93,6	38080938
110	38081108	113,5-114,2	38081138
125	38081258	128,8-129,5	38081298
140	38081408	144,1-145,0	38081448
160	38081608	164,8-165,6	38081648
180	38081808	185,4-187,0	38081858
200	38082008	205,4-207,0	38082058
225	38082258	230,4-232,0	38082308
250	38082508	255,4-257,0	38082558
280	38082808	285,0-287,0	38082858
Adaptor OD 315	2188B100315	--	--
<b>4955: Set OD 90-315</b>	4955VS315	<b>Special diameters*</b>	

Further reducer inserts for special diameters or in large version are available on request. Please contact the WIDOS team below.

State 08/2019  
Subject to technical modifications

WIDOS Wilhelm Dommer Söhne GmbH  
Einsteinstraße 5 | 71254 Ditzingen | Germany

Fon: +49 7152 99 39 0 | Fax: +49 7152 99 39 40

info@widos.de | www.widos.de