

Butt welding machines for the workshop

Working range Ø 90-1000 mm



ROWELD® Workshop machines








Butt welding machines for both individual and series manufacture of pipe/pipe, pipe/moulded body and stub flange weldings as well as manufacture of segmented bends, cross, T- and Y-pieces

Technical Data:

- Swivelable tools for manufacture of pipe bends on every side up to 22.5°C
- Electronically controlled heating element
- For welding according to DVS and other international and national guidelines



Working range:

Description	 Pipe - pipe mm	 Pipe - moulded body* mm	 Pipe - stub flange weldings* mm	 segmented bends mm	 T-pieces*	 Cross*	 Y-pieces*
P315W / P315W CNC	90- 315	90-315	90- 315	90- 315	90-250	90-250	90-250
P630W	315- 630	315-630	315- 630	315- 630	315-630	315-630	315-560
P1000W	560-1000		560-1000	560-1000	450-800	450-800	450-800

Butt welding machines for the workshop

Working range Ø 90 - 1000 mm



Workshop machines with manual handling

Description	Ø Basic unit	Working range*	Voltage	Frequency	Power	kg	No.
ROWELD® P 315 W Basic	315 mm	90 - 315 mm	400 V	50/60 Hz	5.0 kW	385 kg	55200
ROWELD® P 315 W complete	315 mm	90 - 315 mm	400 V	50/60 Hz	5.0 kW	523 kg	54800
ROWELD® P 630 W Basic	630 mm	315 - 630 mm	400 V	50/60 Hz	23.0 kW	1550 kg	54200
ROWELD® P 630 W complete	630 mm	315 - 630 mm	400 V	50/60 Hz	23.0 kW	1607 kg	54215
ROWELD® P 1000 W Basic	1000 mm	560 - 1000 mm	400 V	50/60 Hz	37.0 kW	4000 kg	53975
ROWELD® P 1000 W complete	1000 mm	560 - 1000 mm	400 V	50/60 Hz	37.0 kW	4250 kg	53970

* For pipe-pipe connections and segmented bends

All sets consist of: The basic unit with a basic clamping tool on the right and left on cross slides, an installed electrical hydraulic aggregate, an electrical milling unit, an installed heating element with an anti-stick coating, machine support stand, transport box, assembly tool
Additional complete set: Reduction clamping inserts for all pipe sizes in the specified working area (for available diameters see Overview of the reduction clamping inserts)

Workshop machines with CNC control

Description	Ø Basic unit	Working range*	Voltage	Frequency	Power	kg	No.
ROWELD® P 315 W CNC Basic	315	90 - 315 mm	400V	50/60 Hz	4.2 kW	385 kg	55340
ROWELD® P 315 W CNC complete	315	90 - 315 mm	400V	50/60 Hz	4.2 kW	523 kg	55320

* For pipe-pipe connections and segmented bends

All sets consist of: The basic unit with a basic clamping tool on the right and left on cross slides, an installed electrical hydraulic aggregate, an electrical milling unit, an installed heating element with an anti-stick coating, machine support stand, transport box, assembly tool, DATA LINE, displacement transducer
Additional complete set: Reduction clamping inserts for all pipe sizes in the specified working area (for available diameters see Overview of the reduction clamping inserts)



Basic clamping tools for pipe-fitting connectins

On cross-slides, including mounting screws.

Description	kg	Working range		No.
		Ø mm		
for P 315 W / P 315 W CNC rechte (1Stk)	28.1	315		55870
for fittings left for P 630 W left (1Stk)	28.1	315		55879
for P 630 W right	204.0	630		54221
for P 630 W left	204.0	630		54222



Flange adaptor

For centred welding of flanges

Description	kg	No.
for P 315 W / P 315 W CNC	22.7	55880
for P 630 W	225.0	54235

Butt welding machines for the workshop

Working range Ø 90-1000 mm



	Hydraulic	Trimmer	Heating plate	
	Power	Power	Power	No.
ROWELD® P 315 W Basic	500 W	1500 W	3000 W	on request
ROWELD® P 315 W complete	500 W	1500 W	3000 W	on request
ROWELD® P 630 W Basic	3000 W	6000 W	14000 W	on request
ROWELD® P 630 W complete	3000 W	6000 W	14000 W	on request
ROWELD® P 1000 W Basic	3000 W	6000 W	28000 W	on request
ROWELD® P 1000 W complete	3000 W	6000 W	28000 W	on request

	Hydraulic	Trimmer	Heating plate	
	Power	Power	Power	No.
ROWELD® P 315 W CNC Basic	500 W	1500 W	3000 W	on request
ROWELD® P 315 W CNC complete	500 W	1500 W	3000 W	on request

T-piece clamping device

For manufacturing T-pieces with equal branches

Set consist of: A three-part basic clamping tool with reduction clamping inserts for the specified working area



Description	kg	Working range		No.
		Ø mm		
for P 315 W / P 315 W CNC	118	90-250		55227
for P 630 W	1405	315-630		54224
for P 1000 W	1980	450-800		53976

Y-piece clamping device

For manufacturing Y-pieces at an angle of 45° or 60°

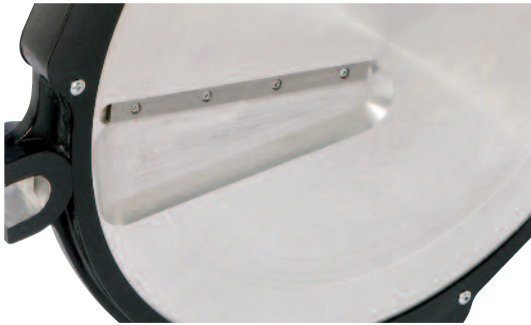
Set consist of: A three-part basic clamping tool with reduction clamping inserts for the specified working area



Description	kg	Working range		No.
		Ø mm		
for P 315 W / P 315 W CNC	19	90-250		55226
for P 630 W	1528	315-560		54225
for P 1000 W	2825	450-800		53977

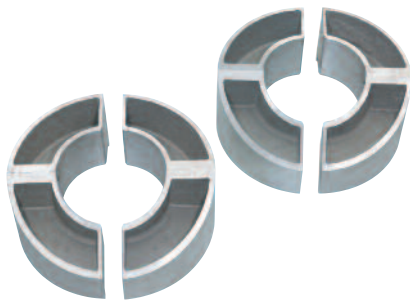
Butt welding machines for the workshop

Working range Ø 90-1000 mm



Replacement blade for the trimmer

Description	kg	No.
für P 315 W / P 315 W CNC	0.2	55203
für P 630 W		on request
für P 1000 W		on request
VPE 1 = 2 pieces		



Reducer clamping inserts Pipe / pipe for P 315 W

Set includes 4 wide aluminium half-shells each

Ø mm	kg	No.	Ø mm	kg	No.
90	8.80	55300	180	11.56	55314
110	9.36	55301	200	11.56	55325
125	9.56	55306	225	17.12	55326
140	10.40	55308	250	14.36	55327
160	11.36	55310	280	9.60	55328

Reducer clamping inserts Pipe / fitting for P 630 W

For fittings. Each set includes 2 narrow metal half-shells

Ø mm	kg	No.
315	16,0	54231
355	15,5	54232
400	12,5	54233
450	13,0	54234
500	12,5	54236
560	12,0	54237

Reducer clamping inserts Pipe / fitting for P 315 W

Set includes 2 narrow metal half-shells each, useable for right and left.

Ø mm	kg	No.	Ø mm	kg	No.
90	3.30	55271	180	2.53	55266
110	3.11	55270	200	2.24	55265
125	3.00	55269	225	1.94	55264
140	2.89	55268	250	1.60	55263
160	2.72	55267	280	1.08	55262



ROTHENBERGER band saws

Plastic pipe band saws 50 mm - 1200 mm

45° pivotable. For precise and perfect, right-angled cuts from PE, PP, PB, PVDF and PVC pipes and fittings.

band saws on request