REMS SSM 315RF

Butt welding machine

Compact, easy-to-transport high-performance machine for sanitary installation, drain pipe installation, chimney reconstruction with PVDF pipes. For job site and workshop.

Plastic pipes and fittings in PB, PE, PP, PVDF		Ø 90 – 315 mm
PE Ø 90 – 180 mm	SDR ≥ 6	
PE Ø 90 – 200 mm	SDR ≥ 7.4	
PE Ø 90 – 225 mm	SDR ≥ 9	
PE Ø 90 – 250 mm	SDR ≥ 13.6	
PE Ø 90 – 280 mm	SDR ≥ 17	
PE Ø 90 – 315 mm	SDR ≥ 21	



REMS SSM 315RF – convenient for job site and workshop.

Design

Compact, robust, job site-proven. Weight including tubular stand on wheels 154 kg.

- Base frame in aluminium cast
- Free suspension of butt welding unit for exact alignment of the faces to be welded
- Electric facing cutter unit for plane-parallel machining of pipe ends
- Smooth sliding, roller-bearing mounting of butt welding unit and electric facing cutter unit
- Quick clamping device
- Pressing device, clear scale for easy reading of jointing pressure, clamping handle for pressure holding
- Standard supply with tubular wheel stand for secure standing and easy transport.

Heating element according to DVS

Plate-shaped, plane-parallel heating element according to DVS. Electric heater embedded in corrosion-resistant cast aluminium for indirect heat transfer. High-quality, long-lasting PTFE coating prevents adherence of plastic remnants as well as oxidizing, and enables easy cleaning. Ideal temperature distribution and constant temperature at the complete working area.

Electronic temperature control

Adjustable temperature 180 – 290°C, preset for PE pipes. The electronic temperature control automatically controls the preset temperature within the permitted range according to DVS. Temperature control lamp and power control lamp.

Facing cutter unit

Electric facing cutter unit with special, high torque universal motor, 500 W, for plane-parallel machining of one or both pipe ends according to DVS. Fast positioning of facing cutter with proven safety switch. Closed facing cutter housing. Specially hardened and specially ground planing blades guarantee easy, vibration-free planing.

Quick clamping device

Sturdy quick clamping devices made of nickel-plated steel which grip the pipe all round, for pipes of Ø 315 mm. 4 clamping inserts each for pipes of Ø 90, 110, 125, 160, 200, 250 mm. Clamping inserts available for pipes of Ø 140, 180, 225, 280 mm.

Pipe supports

Multiple adjustment, easy positioning of pipe supports for pipes Ø 315 mm for supporting and easy axial alignment of pipes and fittings. 2 pipe rest inserts each for pipes of Ø 90, 110, 125, 160, 200, 250 mm. Pipe rest inserts available for pipes of Ø 140, 180, 225, 280 mm.

Info





Supply format

REMS SSM 315RF. Butt welding machine for plastic pipes and fittings in PB, PE, PP, PVDF. PE Ø 90 – 180 mm SDR ≥ 6, PE Ø 90 – 200 mm SDR ≥ 7.4, PE Ø 90 – 225 mm SDR ≥ 9, PE Ø 90 – 250 mm SDR ≥ 13.6, PE Ø 90 – 280 mm SDR ≥ 17, PE Ø 90 – 315 mm SDR ≥ 21. Butt welding unit with PTFE-coated heating element 230 V, 50 – 60 Hz, 3000 W. Adjustable temperature 180 – 290°C, preset for PE pipes. Electronic temperature control. Electric facing cutter unit 230 V, 50 – 60 Hz, 500 W. Pressing device. 2 quick clamping devices Ø 315 mm with 2 clamping inserts each for pipes of Ø 90, 110, 125, 160, 200, 250 mm. 2 pipe supports Ø 315 mm with pipe support inserts Ø 90, 110, 125, 160, 200, 250 mm. Ring spanner. Boxes for clamping and pipe rest inserts. Tubular stand on wheels.

	Art.-No.	
	255020	

Accessories

Description	Art.-No.	
Planing blade (piece)	255103	

