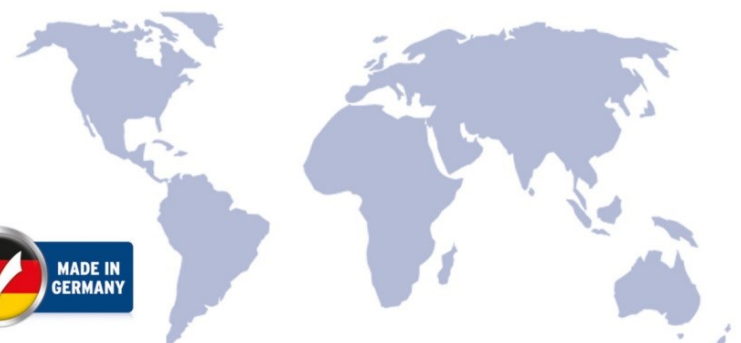


Butt Welding Machine Model MSV



The WEGENER MSV series rounds off the range of smaller machines and is used wherever there is an occasional need for a welding machine for panel or board material.

With the machines of the type MSV 102 and 151, the machine tables are moved manually with a hand wheel. The necessary welding forces are applied by spring force.



Butt Welding Machine Model MSV

The welding force is applied hydraulically and the machine table is moved hydraulically in the MSV 201 by means of an integrated hydraulic unit. A new system based on threaded spindles allows a safe and comfortable clamping of the boards with maximum clamping forces. The torsion-free heating element is installed in such a way that the thermal expansion during operation is compensated. It has a high-quality non-stick coating and precision temperature control.

Technical Data	MSV 102	MSV 151	MSV 201
Sheet length max. (mm):	1,000	1,500	2,000
Panel thickness PP [0.1 N/mm ²] max. (mm):	20	20	20
Panel thickness PE [0.15 N/mm ²] max. (mm):	20	13	20
Welding force max. (N):	3,000	3,000	6,000 N at 250 bar with base frame
Minimum cylinder diameter (mm):	300	300	315
Power supply:	230 V 1/N/PE 50/60 Hz		
Power consumption (kW):	2.0	2.0	3.0
Total weight approx. (kg):	108	125	378

Machine Features

- manual panel welding device for processing thermoplastic plastics (MSV 102 and MSV 151)
- plastics with hydraulic process force application (MSV 201)
- The welding force is applied hydraulically and the machine table is moved hydraulically in the MSV 201 by means of an integrated hydraulic unit
- To produce classic butt welds and cylinders
- The necessary process forces are applied through spring force (MSV 102 and MSV 151)
- sturdy and compact design
- high-quality processing lightweight and torsion-free heated tool with non-stick coating and integrated temperature control
- handy clamping system with two threaded spindles and high clamping forces (Option: without pneumatic clamping device)
- Clamping of angle pieces (90° angle) by exchanging the upper clamping beam in all designs and manual clamping of the vertical panel (Option: without Angle clamping device)

Options

- pneumatic clamping device for greater user comfort, optionally with foot switch
- Processing option for cavity boards up to a maximum panel thickness of 60 mm taking into account the maximum welding force
- Angle clamping device with auxiliary gauge to produce bevel welds. Table angle infinitely variable between 0° (level) and 45°



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