

Fusion Technology

SG 125 Socket Fusion Machine

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SG 125 Socket Fusion Machine For fusion joining of PP, PE, PB and PVDF pipe and fittings

- Portable heating element - socket fusion machine for use in the workshop and on job sites.
- Dimension 20 - 90
- **Base machine**
- Compact, sturdy design, distortion-free machine bed
- Handwheel with torque locking mechanism for the slide movement
- Fast selection of insertion depth according to the pipe dimension
- **Heater**
- Thermostatic temperature control
- High temperature accuracy over the entire heating surface
- **Additional standard equipment on the basic model**
- Universal, left and right prismatic clamping devices, complete, for clamping pipe and fittings. Additional set of prismatic clamping devices for outer clamping of pipes available as an option.
- V-shaped pipe support d 20 - 125 mm
- Back stop
- Machine specific tool set
- Timer to clock fusion times
- Including transport packaging, without accessories

d-d [mm]	Performance	Part No.	USD	lbs
20 - 90	115 V/1500 W	790 310 036 *	8348.00	143.299



Transportation Box SG125

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Description	Part No.	USD
Transportation Box SG125	155107276U *	323.00



Universal prismatic clamping device, complete

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d-d [mm]	Part No.	USD	lbs
20 - 125	790 310 040 *	501.00	7.275



Backstop, complete

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d-d [mm]	Part No.	USD	lbs
20 - 110	790 310 012 *	167.00	1.323



V-shaped pipe support, complete

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d-d [mm]	Part No.	USD	lbs
20 - 125	790 310 041 *	223.00	1.543

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

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Effective Jan. 1, 2013. See www.gfpiping.com for updated info.

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Replacement heating element SG125

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d-d [mm]	Performance	Description	Part No.	USD	lbs	
20 - 125	115 V/1500 W	thermostatic	790 310 046	868.00	5.952	

MSE 63/MSE 110 Socket fusion tools

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- For fusion joining of PP, PE and PVDF pipes and fitting
- Choice of electronic or thermostatic temperature control
- Support for heating bushes and spigots of d 16 to 63 mm (110 mm)
- Pick up for floor stand or table clamp
- Monitoring and setting of heating element temperature
- High temperature accuracy over the entire heating surface
- T = thermostatic temperature control / E = electronic temperature control

d-d [mm]	Type	Performance	Part No.	USD	lbs	
16 - 63	MSE 63 T	115 V/800 W	790 105 096 *	270.00	4.575	
16 - 110	MSE 110 T	115 V/1500 W	790 105 126 *	390.00	7.055	

MSE 63/MSE 110 - Set - Socket fusion tools

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- For fusion joining of PP, PE and PVDF pipes and fitting
- All devices equipped with on/off switch, mains and temperature control lamp
- Choice of electronic or thermostatic temperature control
- Support for heating bushes and spigots of d 16 to 63 mm (110 mm)
- Pick up for floor stand or table clamp
- Monitoring and setting of heating element temperature
- High temperature accuracy over the entire heating surface
- High-quality, non-stick PTFE-coating with long service life
- Heating bushes and spigots
- Available as a complete set in a practical metal case
- Table clamp
- Floor stand for MSE 63
- Allen screws and key
- T = thermostatic temperature control / E = electronic temperature control

d-d [mm]	Type	Performance	Part No.	USD	lbs	
16 - 63	MSE 63 T	115 V/800	790 105 098 *	1058.00	18.960	
16 - 110	MSE 110 T	115 V/1500	790 105 128 *	1733.00	39.021	

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Heating spigots and bushes

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- High-quality, non-stick PTFE-coating with long service life
- Type B according to DVS 2208-1 (mechanical calibrated pipe ends)
- Always delivered in pairs (also usable for SG 110, SG 125, not for SG 160)

d [mm]	Part No.	USD	lbs	
16	799 300 155 *	78.00	0.187	
20	799 300 156 *	84.00	0.198	
25	799 300 157 *	89.00	0.340	
32	799 300 158 *	101.00	0.465	
40	799 300 159 *	111.00	0.507	
50	799 300 160 *	128.00	0.957	
63	799 300 161 *	145.00	1.310	
75	799 300 162 *	167.00	2.163	
90	799 300 163 *	223.00	3.175	
110	799 300 164 *	284.00	4.872	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

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