

## SOCKET FUSION EQUIPMENT

### APPLICATIONS

For socket fusion of Polypropylene and PVDF pipe, valves and fittings in sizes 1/2" thru 6" IPS.

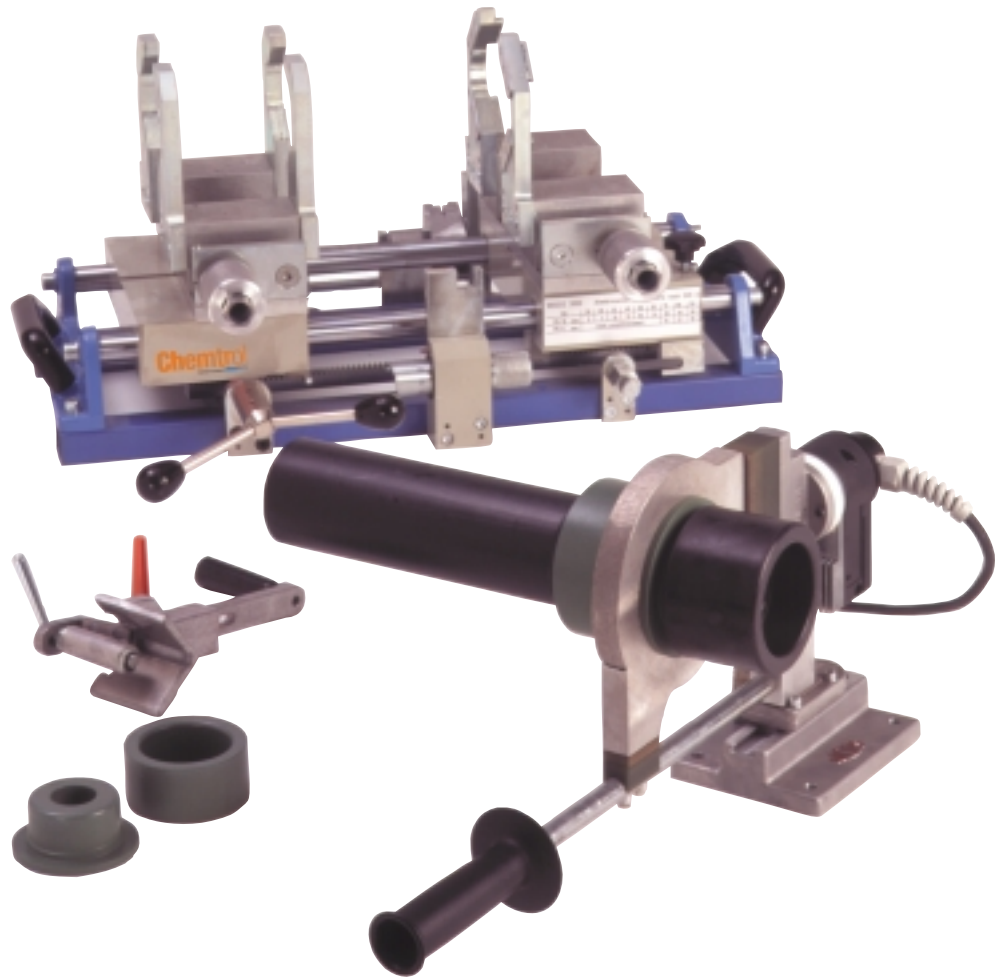
- Five joining solutions are available from hand-held to bench mounted units.
- All units are portable.
- Applications for Polypropylene and PVDF materials include pressure or drainage systems handling aggressive and/or high temperature chemicals.

### PRODUCT KITS

- MSJK Kit for 1/2" - 2"
- MSJK Kit for 3" - 4"
- Model 75 Benchmount 1/2" - 2"
- Model 3500 Benchmount 1/2" - 4"
- Model 3600 Benchmount 4" - 6"

### OPERATING INSTRUCTIONS

- Operate equipment in ambient conditions above 40°F (5°C).
- Protect from wind & rain.
- Use in well ventilated area.
- Use extreme caution when handling the heating tool. Temperatures can reach 560°F (300°C).
- Complete operating instructions included with each unit.



### HEATING TOOL SPECIFICATIONS

Size	Polypropylene		PVDF	
	Heat Time Seconds	Heat Temp (°F)	Heat Time Seconds	Heat Temp (°F)
1/2"	5	495-505	5	495-505
3/4"	5	495-505	5	495-505
1"	5	495-505	5	495-505
1 1/2"	5	495-505	5	495-505
2"	5	495-505	5	495-505
3"	7-9	500-510	25-35	510-530
4"	12-15	500-510	40-50	510-530
6"	15-20	500-520	50-60	540-560

<b>Multiple Size Joining Kits 1/2" - 2" or 3" - 4"</b>				
MODEL NO.	SIZE RANGE	VOLTS	PHASE	WATTS
C168860	1/2"-2"	110(+/- 10%)	Single	800
C169060	3"-4"	110(+/- 10%)	Single	1650



Each kit contains all of the components required for joining all sizes of socket fusion connections specified for that kit, including: heating tool, male and female heat face sets with bolts, depth gages, cold ring pipe clamp with inserts, pipe cutter, beveling tool, timer, thermal blanket, auxiliary handle, hex key wrenches, thermostat adjustment tool, joining instructions and rugged heavy duty tool box.

*Model MSJK*

<b>Model 75 1/2" - 2" Benchmount Fusion Tool</b>							
MODEL NO.	SIZE (WxDxH)		WEIGHT (LBS.)		VOLTS	PHASE	WATTS
	HANDLE DOWN		W/CASE	W/O CASE			
C169877	23x18x12.5		95.5	71.5	110(+/- 10%)	Single	630



The Model 75 Socket Fusion Tool is designed to join Polypropylene and PVDF (Kynar®) pipe, valves and fittings in 1/2" - 2" sizes. Two clamps hold the pipe and one clamp, with an insertion stop, holds the corresponding fitting or valve in the precise position for socket fusion.

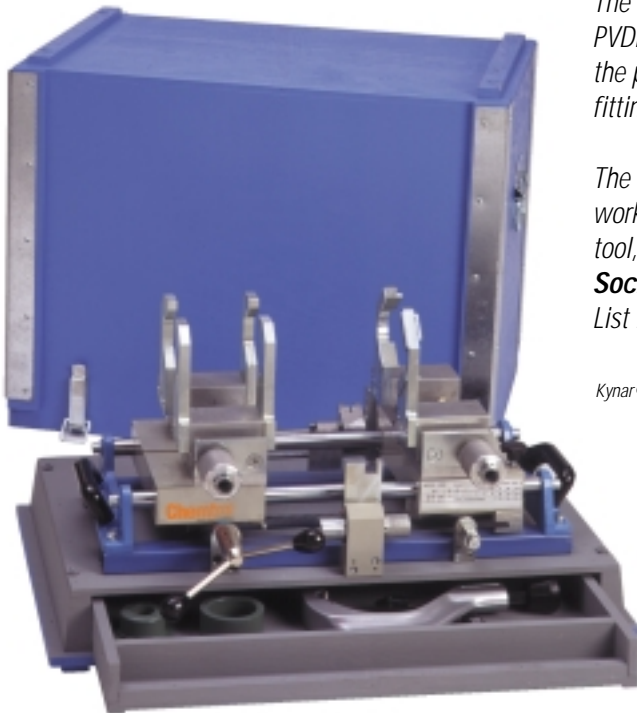
The basic machine comes in a steel carrying case with the heating tool, wrench, fixtures, clamping unit and joining instructions. **The Socket Heat Face Sets are ordered separately.** Please see the Price List for ordering information.

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*Model 75*

**Model 3500 1/2" - 4" Benchmount Fusion Tool**

MODEL NO.	SIZE(WxDxH)	WEIGHT (LBS.)		VOLTS	PHASE	WATTS
	HANDLE DOWN	W/CASE	W/O CASE			
C169878	32x24x19	181.5	125	110(+/- 10%)	Single	1200



The Model 3500 Socket Fusion Tool is designed to join Polypropylene and PVDF (Kynar®) pipe, valves and fittings in 1/2" - 4" sizes. Two clamps hold the pipe and one clamp, with an insertion stop, holds the corresponding fitting or valve in the precise position for socket fusion.

The basic machine comes in a wooden shipping crate that doubles as a workbench for the tool. Included with the basic machine is the heating tool, wrench, fixtures, clamping unit and joining instructions. **The Socket Heat Face Sets are ordered separately.** Please see the Price List for ordering information.

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*Model  
3500/3600*

**Model 3600 4" - 6" Benchmount Fusion Tool**

MODEL NO.	SIZE(WxDxH)	WEIGHT (LBS.)		VOLTS	PHASE	WATTS
	HANDLE DOWN	W/CASE	W/O CASE			
C169879	42 x 28 x 19	302	241	110 (+/- 10%)*	Single	1200

\* 2001 units available in 110 voltage. Earlier models available in 230 volts.

The Model 3600 Socket Fusion Tool is designed to join Polypropylene and PVDF (Kynar®) pipe, valves and fittings in 4" - 6" sizes. Two clamps hold the pipe and one clamp, with an insertion stop, holds the corresponding fitting or valve in the precise position for socket fusion.

The basic machine comes in a wooden shipping crate that doubles as a workbench for the tool. Included with the basic machine is the heating tool, wrench, fixtures, clamping unit and joining instructions. **The Socket Heat Face Sets are ordered separately.** Please see the Price List for ordering information.

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