

**MecFlow Fusion - Tooling**

2024 P1

Installation of the MecFlow Fusion Supply System requires tooling specific to the diameter and jointing method chosen. Below is a guide as to what's required for each option and applicable diameters.

	Socket Weld	Butt Weld	Electrofusion Weld <sup>(2)</sup>	Clickweld <sup>®</sup>	Saddle Weld <sup>(3)</sup>
<b>Tooling Needed:<sup>(1)</sup></b>	Ø20mm - 125mm	Ø160mm - 315mm	Ø20mm - 315mm	Ø50mm - 125mm	Ø50mm - 315mm
Chinagraph Pencil	✓	✓	✓		
Pipe Cutter - Ratchet / Tube / Saw	✓	✓	✓		
Scraper - Turbo / Rotary / Orbital			✓		
Pipe Chamfer / Beveller	✓				
Deburrer	✓	✓	✓		✓
Isopropyl Alcohol Wipes (91% by volume or greater)	✓	✓	✓	✓	✓
Hole Cutters (Saddles)					✓
Temperature Probe & Thermometer	✓	✓			✓
Butt Welder		✓			
Electrofusion Welder (4mm Connectors)			✓	✓ <sup>(4)</sup>	
Saddle Welder					✓
Socket Welder - Hand / Bench	✓ <sup>(5)</sup>				✓ <sup>(6)</sup>
Irons Socket - Type A	✓				
Irons Saddle - Type N					✓
Pipe Clamps - Spider			✓		
Pipe Support Stand	✓	✓			✓

**Tooling Reference Images:<sup>(7)</sup>**



Please contact your local Polypipe Building Services Technical Sales Manager for tooling supplier and model number details. Detailed jointing information is available in the MecFlow Fusion Technical Manual. Please [click here](#) to download your copy.

(1) Tooling listed is for guidance only and is subject to pipe and fitting diameter requirements. (2) Electrofusion welding is available Pipe to Pipe Ø20-315mm and Pipe to Fitting Ø160-315mm. (3) Please refer to the MecFlow Fusion Technical Manual or Polypipe Building Services Price List for available saddle size options. (4) For MecFlow Fusion Clickweld<sup>®</sup> Fittings, the Griffon Electrofusion Machine is recommended. (5) Hand version socket welder should only be used for pipe diameters ≤Ø63mm. (6) Hand version socket welder should only be used for saddle welds. (7) Images are given as reference only, other brands/types are available.