

## MecFlow Fusion - Tooling

2025 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>Chinagraph  
PencilRatchet Pipe  
CutterTube Pipe  
Cutter

Saw

Turbo  
ScraperRotary / Orbital  
ScraperPipe  
Chamferer / Beveller

Deburrer

Isopropyl Alcohol  
Wipes

Hole Cutters

Temperature  
Probe

Butt Welder

Electrofusion  
Welder

Saddle Welder

Hand Socket  
WelderBench Socket  
Welder

Irons

Pipe Spider  
ClampPipe Support  
Stand

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.

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