

# McElroy T500 Series 3

## Capabilities & Requirements



The McElroy TracStar® 500 Series 3 is a robust fusion machine designed for butt fusing thermoplastic pipes. It can fuse pipes ranging from 6" IPS to 20" OD (160mm – 500mm), featuring an indexer-mounted facer and heater that are powered by the machine itself. This series is celebrated for its mobility, productivity, and ease of use, originating from the world's first self-contained, self-propelled, all-terrain fusion machine introduced by McElroy in 1997.

The Series 3 model enhances its predecessors by including dual hydraulic pipe lifts and an economy engine throttle setting aimed at conserving fuel. Additionally, options for hydraulic clamping and automatic machine versions are available, which facilitate automatic control and monitoring over the heat, soak, fuse, and cool cycles.

<p>Safety Features</p>	<ul style="list-style-type: none"> <li>• Safety Signage</li> <li>• RCD Installed as per Aus Standards</li> <li>• Starter Isolator</li> <li>• Battery Isolator</li> <li>• Emergency Stop</li> <li>• Lever Guarding</li> <li>• Fire Extinguisher</li> <li>• Hi-Vis Asset Number</li> <li>• Warning Beacon</li> </ul>
<p>Weight</p>	<ul style="list-style-type: none"> <li>• It weighs approximately 3,123 lbs (1,416.6 Kg) for the machine itself, with additional components bringing the shipping weight to around 3,850 lbs (1,746.3 Kg).</li> </ul>
<p>Fuel Usage Per Day</p>	<ul style="list-style-type: none"> <li>• 42L Tank</li> <li>• 11Hr (auto Throttle) Operational Capacity (3.8L/hr.)</li> </ul>
<p>Machine Capabilities</p>	<p>180mm-500mm Pipe Size</p>
<p>Cylinder Type</p>	<p>Medium Force Cylinder</p>



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