



MTS SilentFlo™ 515.04 Hydraulic Power Unit

Single-station support for low-flow applications

Compatible with:

- » Model 370.02
- » Model 370.10

Buying a hydraulic power unit capable of generating more hydraulic power than necessary will add to lab operational costs throughout the entire lifecycle of that HPU. By contrast, right-sizing your HPU to meet your application needs will not only reduce daily operational costs, it will also save energy, and allow your load frame to run more efficiently.

The MTS SilentFlo 515.04 was specifically designed for use with a single MTS Landmark® or Bionix® load frame. For applications requiring a force range of 1–25 kN (0.2–5.5 kip) and a maximum average flow rate of 15.1 lpm (4 gpm), this HPU provides all the benefits of proven SilentFlo technology at a fraction of the cost.

This compact unit can be placed in close proximity to your testing workspace because it is extremely quiet with a 57 dB(A) sound level, which is similar to that of a household dishwasher and quieter than normal conversation. In addition, features such as tuned tubes reduce the outlet ripple noise, which improves test data accuracy.

The small size requires less power and hydraulic fluid to operate, and the cooling circuits save energy by requiring less power to cool as well. For single load frames, this small, energy-efficient HPU is the ideal choice for reliable hydraulic power generation.

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Model 515.04 Specifications

Operating pressure: 210 bar (3,000 psi)

Pump type: Variable displacement pump

Filtration: Full flow on the return side

Maximum ambient operating temperature: 40°C (104°F)

Minimum ambient operating temperature: 5°C (40°F)



Easy-to-use control panel



Energy-efficient and clean filtration system

Model 515.04

Flow rate	15.1 lpm (4 gpm)
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Noise level*	57 dB(A)
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Reservoir capacity (maximum)	174 L (46 gal)
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Unit dimensions

Width	77.0 cm (30.3 in)
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Height	116.0 cm (45.7 in)
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Length	114.3 cm (45.0 in)
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Weight with maximum oil	508 kg (1,120 lb)
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Motor size	11 kW (15 hp)
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* Sound levels [57 dB(A)] are expressed as a free field value. Readings may vary with acoustic environment.

Specifications subject to change without notice. Please contact MTS for specifications critical to your application.



MTS Landmark 370.10 Load Frame



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ISO 9001 Certified QMS

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