

**Description:**

This test stand measures the different parameters of: hydraulic pressures, flows and temperatures. A sink with supply and return ports for the hydraulic circuit is located below the two motor pads. Each drive has its own load system and can be adjusted to vary flow resistance and therefore the load on the driving member, namely the hydraulic motor (UUT). Torque and speed transducers measure those parameters.

Physical dimensions:

Length _ 72 in [183cm]
Width _ 72 in [183cm]
Height _ 78 in [198cm]

Weight: Approx. 5,000 Lbs.**Mechanical/Electrical Requirements:**

Electrical; @ 460 VAC, 60 Hz, 3 PH, 4.1 Amps
Shop Air: 5 SCFM @ 100-125 PSI

Cooling Water: 5 GPM, 40 to 70°F, 40-80 PSI

This test stand will support:

Motor P/N's GM4236 (bow thruster) and GM4213 (hydraulic motors) respectively.

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Test stands: Design Manufacture Overhaul
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