



Mobile hydraulic test stands for aircraft maintenance

HT2000-SINGLE SYSTEM-ENGINE DRIVEN



Hycom mobile hydraulic test stands are suitable for:

- maintenance and overhaul checks of AMM/ATA chapter 29
- filling and draining of aircraft reservoir
- flushing of aircraft hydraulic system to Class 6 NAS1638 or better

Hycom product advantages:

- low noise level
- easy to maintain
- simple to operate
- low total costs of ownership

HT2000-SINGLE SYSTEM-ENGINE DRIVEN

Model	:	HT2000-F-S	HT2000-1-F-S
Flow range	:	0-40 USGPM	0-50 USGPM
Installed power	:	80 kW at 2000 rpm	100 kW at 2000 rpm
Noise level	:	less than 83 dbA at 2 mtr distance	less than 85 dbA at 2 mtr distance

Features

- Single system with one pressure and one return line.
- Engine make Deutz or Cummins.
- Pressure range: 300-3000 psi, 4000 psi at reduced flow.
- Axial piston pump variable stroke with proportional control of flow and pressure.
- Boost pump for closed loop circuit.
- Open loop configuration for filling and draining of A/C reservoir.
- Pressure filter 3 micron absolute, boost filter 10 micron absolute with electric clogging indicators.
- Fluid contamination level NAS 1638 class 6 or better.
- Sample point.
- Stainless steel reservoir of 240 ltr. with drain valve and filling cap.
- Fuel reservoir suitable for 8 hours of operation.
- Air/oil cooler with low noise level suitable for tropical conditions.
- Analogue pressure gauge 0-5000 psi in pressure and 0-200 psi in return line. Accuracy 1% of f.s.
- Digital read out of actual flow suitable for TARAN or ITCAN leak test procedures. Accuracy 0,3% of measured value.
- Flow setting by potentiometer. Set flow display will indicate the value of selected flow.
- Pressure setting by push button + and - , 3000 psi preselection push button.
- Temperature and boost pressure shut down switches, emergency shut down button.
- Operator panel with graphic lay-out, display with maintenance and failure indication given in clear text and protection cover.
- Hydraulic hoses with length of 9 mtr. stowed on side reel of test stand.
- Heavy duty frame with drip tray. Hydraulic and electric components completely isolated from each other.
- Canopy out of steel, spray painted with Sikkens Aerodur skydrol resistant paint.
- Max. allowable towing speed 16 km/hour, parking brake on front wheels by tow bar in upright position.
- Tie down/lifting points. Fork-lift pick-up points.
- Weight 3400 kg, dimensions 3680 x 1750 x 1625 mm (1950 with damper).

Options possible

- Z = Aeroquip quick disconnect couplings to connect hoses to the aircraft
- U = Hoses with length of 12 mtr.
- RC = Remote control
- L = Mineral oil based fluids



the
**Strength of
Simplicity**



HYCOM
hydraulic systems 