

# MOBILE HYDRAULIC TEST STANDS FOR AIRCRAFT MAINTENANCE

## HT2000-DUAL SYSTEM-X350



### MODEL:

HT2000- • -E/1-S2-X350

### FLOW RANGE

- = 1 : 0-50 USGPM
- = 2 : 0-55 USGPM



### 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

### ADVANTAGES:

- Low noise level
- Easy to maintain
- Simple to operate
- Low total costs of ownership

## FEATURES:

- Dual system with two pressure and two return lines with shut off valves.
- One side for 5000 psi A/C system, other side for 3000 psi A/C system.
- Pressure range: 300-5000 psi, 20-350 bar.
- Power connection: 250 amp - 50 Hz/200 amp - 60 Hz.
- Current standard: 400/690 V - 50 Hz, other on request.
- Noise level: less than 75 dbA at 1 mtr. distance.
- 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.
- De-aeration and flushing valve.
- Stainless steel reservoir of 240 ltr. with drain valve and filling cap.
- Air/oil cooler with low noise level suitable for tropical conditions.
- Analogue pressure gauge 0-6000 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 -.
- Pressure safety switch for selection 3000 psi/off/5000 psi. Unit only starts up at selection off.
- 3000/5000 psi preselect button.
- Temperature and boost pressure shut down switches, emergency shut down button.
- Operator panel with graphic lay-out for easy operation and protection cover.
- Main power supply cable 12 mtr.
- Hydraulic hoses with length of 10 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 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 2750 kg, dimensions 3680 x 1750 x 1665 mm.

## POSSIBLE OPTIONS

Z = Quick disconnect couplings to connect hoses to the aircraft

Other options on request.

