

▶ Universal Fuel Tank Repair Trolley



UFT-808 Mk II (NSN-1730-99-553-0074)

The highest quality fuel tank repair trolley that has proven itself time and time again with airlines and military agencies around the world. It guarantees accurate leak detection and the correct facilities for PRC sealant curing.

- Proven on all civilian and military aircraft types.
- Powerful fuel tank venting facility utilising temperature controlled hot air.
- Accurate pressure/vacuum system for rapid leak detection and leak path sealing.
- Tank testing facility negating the requirement to fuel/de-fuel.
- Humidified temperature controlled air automatically monitored from within the fuel tank to provide the ideal conditions for rapid high quality PRC sealant curing.
- Cooled conditioned air delivery provides comfortable working environment for tank maintenance personnel.
- Optional integrated breathing air and intrinsically safe voice communication systems.
- Ergonomic control panel.
- Suitable for use in fuel laden environments with zone 1 certified tank access equipment and zone 2 certification for all tank venting operations.
- Operates safely on 380/440/3ph/50/ 60Hz hangar electrical supplies.
- Optional dual power can operate from GPU 400Hz power.
- Fail-safe systems providing full protection to maintenance staff and aircraft.
- Guaranteed significant reduction in fuel tank repair times – majority of fuel leaks fully repaired within standard 8 hour shift.
- Shot blasted, finish painted to customers individual requirements.



Passenger Stairs
Belt Loaders
Cargo & Freight Vehicles
Toilet & Water Trucks
Aircraft Loaders
Fuel Tank Repair Trolleys
Heater Trolley
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“ Guarantees drastic reduction in aircraft down times of up to 80% ”

Performance

- Conditioned air up to +45°C with Humidity up to 90% RH and a pressure of 0.75psi
- Tank Pressure Test up to 0.35 bar (5psi)
- Tank Vacuum Test down to -0.1 bar A
- Suitable for zone two operation
- Aircraft fuel tank air conditioning
- Zone 1 certified depuddling facility

Chassis

- Air portable with insulated sheet metal canopy
- Turntable steering with NATO towing eye and hand brake
- Towing speed 15kph

Environmental system

- Specially modified cold air unit two stage turbo compressor
- Two stage forced air to air heat exchanger
- High efficiency, low restriction compressor air filter with cyclonic pre-cleaner

Electrical system

- 3 Phase 380/440v/3ph/50/60Hz
- 37kW 3 phase compressor motor with thermistor protection and inverter speed control
- Fail-safe cut outs and safety interlocks

Instruments and controls

- Digital air temperature/humidity controller
- Compound pressure/vacuum gauge
- System warning lights and indicators
- Start, run and speed raise/lower switches
- Test pressure/vacuum selectors and regulators
- Low water indicator
- System warning lamps
- Optional breathing air module

Standard equipment

- 20 metres x 100mm heavy duty insulated air delivery hose with quick release connectors
- 20 metres x 50mm vacuum pressure hose
- 30 metres air supply line
- Remote temperature/humidity probe and cable
- 30 metres electrical supply cable

Optional equipment

- 3 Sets breathing air c/w masks, demand valves and air hoses
- Zone 1 certified voice communications system
- Dual Voltage 200v 400 Hz GPU powered model available

Weight 3,500kg

