

## ► 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 zone one fuel laden environment.
- 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.
- Complies with Health and Safety and CEN Standards.



Passenger Stairs  
Belt Loaders  
Cargo & Freight Vehicles  
Toilet & Water Trucks  
Aircraft Loaders  
**Fuel Tank Repair Trolleys**  
Heater Trolley  
Air Conditioning Trolley  
Maintenance Docks & Stagings  
Special Projects

Remember, each piece of equipment is maintained via our through-life support and training services – wherever you are in the world, 365 days of the year.

**T** +44 (0)1656 743700  
**E** office@amss.co  
**W** www.amss.co

“ 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 0.5 bar (all adjustable)
- Tank Pressure Test up to 0.35 bar (5psi)
- Tank Vacuum Test down to -0.1 bar A
- Suitable for zone one operation
- Aircraft fuel tank air conditioning

## 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
- Self cleaning 24 cell 95% efficient air delivery filter

## Electrical system

- 3 Phase 380/440v/3ph/50/60Hz
- 30kW 3 phase compressor motor with thermistor protection and inverter speed control
- Integral battery backup for safety circuits
- Fail-safe cut outs and safety interlocks

## Instruments and controls

- Digital air temperature/humidity controllers
- Compound pressure/vacuum gauge
- System warning lights and indicators
- Start, run and speed selector switches
- Test pressure/vacuum selectors and regulators
- Low water and air supply indicators
- System warning lamps
- Optional breathing air gauges and regulators x 3

## Electromagnetic capability

- To EC Standard 89/336/EEC and DEF STAN 59-41 Class B

## Standard equipment

- 44 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
- 4 Station voice communications system
- Dual Voltage 200v 400 Hz GPU powered model available

Weight 2,250kg

