MFT-404 (NSN–1730–99–993–4895)

A low cost self contained fuel tank repair trolley for the efficient repair of fuel tank leaks, guaranteeing accurate leak detection and the resulting reduction of aircraft down time.

- Suitable for use in zone one fuel laden environment.
- Vacuum depuddling and onboard fuel collection system.
- Effective sealing and repair of leak paths using pressure and vacuum.
- Rapid fuel tank venting capability utilising high flow warm air.
- Optional integral breathing air and voice communications system.
- Powerful automatically controlled hot air delivery monitored from within the fuel tank to maintain the ideal conditions for rapid venting and effective PRC sealant curing.
- Accurate leak detection using adjustable air pressurisation and/or vacuum facility.

- Leak test without the need to de-fuel aircraft.
- Suitable for all civilian and military aircraft types, drop tanks and fuel cells.
- Will support two simultaneous fuel tank repair operations.
- Logical ergonomic control panel ensuring trolley functions are easily adjusted and monitored.
- Quiet operation for safe hangar deployment.
- Fail-safe systems providing full protection to maintenance staff and aircraft.
- Complies with Health and Safety and CEN Standards.
- Shot blasted and finish painted to customers individual livery requirements.

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.

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" Fast and effective support for small fuel tank repairs "

Performance

- Delivered air temperature 0°C to +45°C up to 0.3 bar (adjustable)
- Tank pressure test up to 0.35 bar (5 psi)
- Tank vacuum test down to -0.1 bar A
- Suitable for zone one operation
- Aircraft fuel tank air conditioning

Chassis

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

Air delivery filter

- Washable poly-foam Filter 95% efficient

Electrical system

- 3 phase 380/440v/3 ph /50/60Hz
- 2.2kW Motor and fan
- 8.75kW Two stage heater battery
- Fail-safe cut outs and safety interlocks

Instruments and controls

- Dual digital air temperature controllers
- Compound pressure / vacuum gauge
- System warning lamps
- Start and run switches
- Fan and heater switch
- Test pressure/vacuum selector and regulators

Electromagnetic capability

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

Standard equipment

- 4 metres x 100mm insulated air delivery hose with quick release connectors
- Delivery air 'Y' manifold
- 2 off 5 metres x 50mm air delivery hose
- 20 metres x 50mm vacuum pressure hose
- 30 metres air supply line
- Two off remote temperature probes and cables.
- 30m electrical supply cable

1,405mm

1,496mm

2,019mm wheelbase

2,682mm