

Truck Mounted Medical/PRM Lift

Technical Specification



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Note: All images in this document are included for reference purposes only.

Introduction

The highly acclaimed NAFFCO PRM Medical Lift has been specifically designed for the safe and comfortable transport of PRM passengers to and from the aircraft.

The NAFFCO Medical Lift ensures to provide a prompt and dignified service in the most comfortable manner possible.



Chassis and Technical Data

Make & Model: MAN TGL 12.180 & others upon request

Engine: * Diesel – Euro 5 (suitable for Euro 3 regions) & Euro 6

Payload: ** Up to 1500kg

Front Sill Height: *** From approx. 2650mm to 6000mm

- Conformity with all relevant IATA regulations
- Side guards between axles
- Rear underrun barrier
- Robust scissor leg system with maintenance props
- Spare wheel (without mounting)

* Euro Emission standard is depending on regulations at destination country

** Payload is depending on chassis GVW and selected options

*** Sill heights dependent on chassis, suspension, & various options

Standard Features



Platform

- Full width platform with hydraulic extension and swivel nosepiece
- Extendable sliding handrail each side
- Non-marking rubber bumpers fitted to all leading edges for aircraft protection

Hydraulics

- Hydraulic oil tank with sight level gauge, shut off valve and magnetic drain plug
- Hydraulic box with control valves and manual overrides for emergency procedure
- High pressure filter, return line filter and suction strainers
- Steel reinforced hydraulic hosing
- Stabilisers (x4) with dual pilot operated check valves and pressure switches
- Platform extend ram (600mm)

Van Body

- Van body exterior approx. 6600mm long x 2530mm wide x 2300mm high
- Van body walls and roof insulated with 50mm GRP panels
- Van body floor (25mm) with vinyl covering, UPVC skirting and GRP underside
- Double hinged doors front (with windows)
- Double hinged doors rear (without windows)
- Side entry door with access ladder for van body with non-slip treads
- Proximity sensor and air ram door lock for rear and side door
- Windows passenger side (x3) & driver side (x2)
- Break glass hammer
- Handrails both sides
- Wheelchair floor tracking (x6)
- Tail-lift (500kg SWL) with full surround safety gates
- LED interior lights (x8)
- LED exterior work lights, x1 front & x1 rear
- Flashing amber beacon on rear of van body roof
- Side marker lights (x4 amber each side)
- Front (x2 white) and rear (x2 red) roof marker lights
- Control panels front and rear of van body



Electrics

- 24V DC relay system
- PTO hour meter
- Battery isolator
- DC emergency pump
- Reversing buzzer
- Warning buzzer (for cabin down & jacks up/down)
- Flashing warning light at each stabiliser
- External E-stop x2 (1 no at each rear stabiliser)
- Driver's cab and van body control panels with E-stops
- Dead-man (master) controls for all moving functions
- Remote engine stop & start functions from van body
- Intercom system



Safety Interlocks (Samples)

- Cannot drive truck while PTO is engaged
- Cannot drive truck until stabilisers are fully retracted
- Cannot drive truck until tail-lift is stowed
- Cannot drive truck until front platform is retracted
- Drive interlock override key-switch (inside electric panel)
- Cannot raise stabilisers until van body is lowered
- Cannot raise van body until stabilisers are fully extended
- Cannot raise/lower van body until side and rear doors are closed
- Cannot raise/lower van body until front platform is retracted
- Cannot raise van body until tail-lift is stowed
- Cannot open rear doors when van body is raised

Manuals, Painting and Decals

- Operating and maintenance manual in chosen language as soft copy and hard copy
- Electric, pneumatic & hydraulic schematics provided
- Label kit in chosen language
- Machine colour in plain white to match chassis
- All fabricated parts are shot blasted and treated against rust with two coats each of long-life primer and topcoat PU paint

Options and Accessories

Chassis and General Assembly

- AHM 913 Controlled Approach System (CAS)
- Half Cab & Driver cab roof modifications
- Chassis air suspension - front and rear or rear only
- Air conditioning & Auxiliary heater for driver's cab
- WVTA (EU Whole Vehicle Type Approval)
- Various camera system options including 360° system
- Battery charger
- Jumpstart socket (NATO or Anderson)
- Distance sensor system
- Fire Extinguisher supplied and mounted in prominent position
- Wheel chocks with storage holder



Van Body & Platform

- Half width traversing platform
- Platform in accordance with EN 12312-2 2014
- Safety shoe system
- Various Seating options
- Medicine cabinet & First aid kit
- Emergency lighting with independent battery
- Roof mounted handrail (with or without bus handles)
- Air Conditioner unit and/or heater
- Single or double sliding front and rear doors
- Fixed or sliding front canopy above platform
- Transfer bridge
- Unwin wheelchair clamps
- Supply and fitting of customer logos

