

TMX-400

AIRCRAFT TOWING TRACTOR



DESCRIPTION

The TMX-400 aircraft towing tractor with 4 wheels steer and 4 wheels drive, has a driveline capability of 24,500 daN (55,000 lbs). It has the ability to perform push and pull operations on aircraft up to Boeing 747.

Its ergonomic design provides maximum driver comfort and increased visibility.

TLD's high standard of build and component quality make the TMX-400 a durable and reliable tractor.

DRIVELINE CAPABILITY

Gross Weight	Tractor	D.B.P.
49,500 lbs (22,500 kg)		41,500 lbs (18,000 daN)
57,750 lbs (26,250 kg)		47,000 lbs (21,000 daN)
66,000 lbs (30,000 kg)		55,000 lbs (24,500 daN)
		Friction coefficient 0.8

- **Steering** : hydrostatic 3 modes :
 - 4 wheels
 - 2 wheels
 - CRAB steering
- **Hitches** : Front and rear manually operated hitches, pin dia 70 mm (2.75")
- **Tyres** : 445/65R 22.5
- **Fuel tank capacity** : 200 litres (53 US Gal)
- **Hydraulic tank capacity** : 230 litres (60 US Gal)
- **Fixed cab** with heating / defrosting
- **Paint** : white – RAL 9016

STANDARD FEATURES

- **Engine** : DEUTZ TCD 2013 L06 2V diesel engine, 6 cylinders, water cooling, 200 kW (272 hp) @ 2 300 rpm
- **Transmission** : ZF 6 WG210 Powershift transmission, with interaxle differential, 6 forward and 3 reverse.
- **Speed** : Maximum Speed forward/ reverse : 25 kph (15.5 mph)
- **Axles** : OMCI heavy duty front and rear axles, each one can withstand a maximum static load of 50,000 kg (110,000 lbs) and 24,000 kg (52,800 lbs) under dynamic loading at 25 kph (15.5 mph).
- **Suspension** : Front leaf spring suspension
- **Brakes (service)** : Hydraulic powered braking system with wet multidisc brakes (submerged in axle oil) on all four wheels
- **Brakes (parking)** : Spring applied, hydraulically released, wet multidisc brakes lock both front wheels.

STANDARD EQUIPMENT

- Suspended driver's seat and standard passenger seat
- Forward/reverse interlock.
- Flashing beacon
- Ignition key for engine start/stop
- Hourmeter, fuel gauge
- Indicator lights : Engine oil pressure, engine coolant temp, transmission oil temperature warning lights, battery charge, hydraulic oil and axle oil temperature warning lights, coolants level
- Low brake pressure and parking brake applied warning lights
- General fault buzzer

specifications may be altered as a constant effort to improve performance. Tolerance of data : +/- 5 %
Some views may show optional equipment.

DIMENSIONS AND WEIGHTS

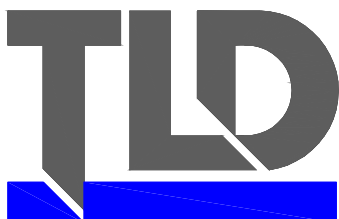
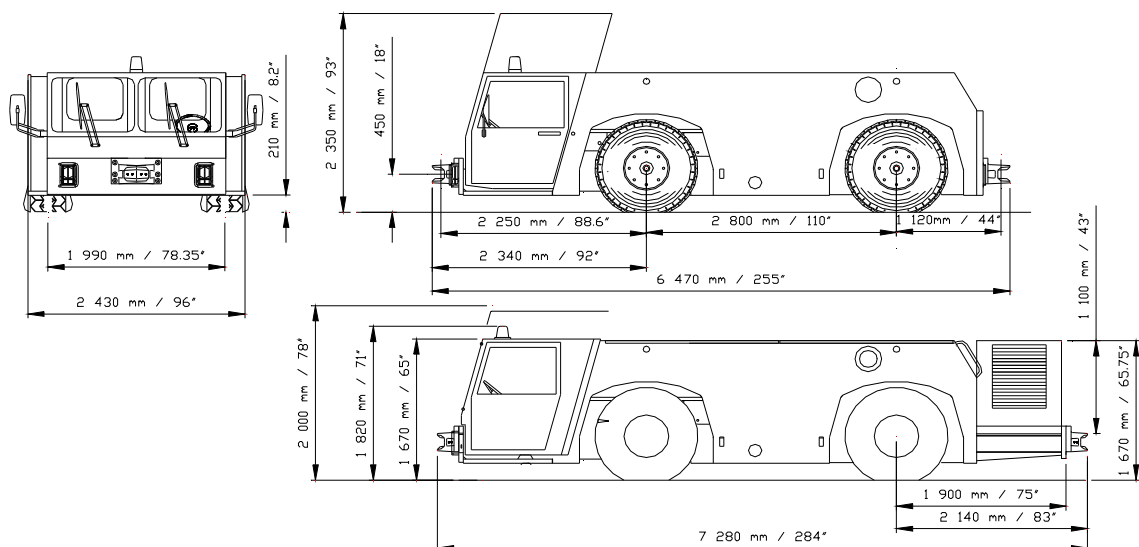
- Front track 1 990 mm (78,35")
- Rear track 1 990 mm (78,35")
- Inside turning radius 2 080 mm (82")
- Outside turning radius 5 570 mm (219")
- Weight on front axle 11,250 kg (24,800 lbs)
- Weight on rear axle 11,250 kg (24,800 lbs)
- Total weight (standard) 22,500 kg (49,600 lbs)
- Ground clearance 210 mm (8,2")

ELECTRICAL EQUIPMENT

- 24 VDC electrical system, 210 Ah batteries, 55 A alternator
- Battery master switch
- Head lamps, tail lights, stop lights, reverse lights, front and rear warning lights, front and rear turn signal lamps.
- Control relays and fuses cabinet located inside driver's cab
- Back up alarm

OPTIONS AVAILABLE

- Mirror on hitch
- Additional ballast
- Fire extinguisher 6 kg (13.2 lbs)
- Front or rear Hydraulically operated hitches
- Elevating cab with sensors in option
- Spare wheels
- Special paint
- Fixed cab, 2 000 mm (78.5") height
- Gauges : Voltmeter, engine coolant temp, transmission oil temp, engine oil pressure and engine RPM
- Circuit breakers
- Automatic or manual lubricating system
- DC power package for emergency steering
- Integral hydraulic jacks for tyre changes (2 jacks)
- Air extraction device on cab
- Rotating warning beacon
- Provision for GPU or GPU installation (1 800 x 900mm 70.8"x35.4") installed at rear of tractor (90 kVA GPU)



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