

TMX-150 series

AIRCRAFT TOWING TRACTOR



DESCRIPTION

The TMX-150 aircraft towing tractor, with a maximum draw bar pull up to 12 000 daN (~27,000 lbs), is designed to perform push and pull operations on narrow and medium body A/C, (as CRJ100 to 900ER, ATR 42/72, BAE 146, Embraer 135 to 190, Saab 2000, Fokker 70/100, B717, B727, B737, B757, B767-200 to 300ER, DC9 and MD80 to 95, A318, 319, 320, 321, A300 and A310, and other aircraft). Its ergonomic design provides agility and visibility. TLD's high standards of build and component quality make the TMX-150 a durable and reliable tractor.

DRIVELINE CAPABILITY

TYPE	Gross Weight tractor	DBP
TMX-150-9	8,300 kg (18,280 lbs)	6,800 daN (15,270 lbs)
TMX-150-12	11,700 kg (25,770 lbs)	9,300 daN (20,880 lbs)
TMX-150-15	15,100 kg (33,260 lbs)	12,000 daN (26,940 lbs)
TMX-150-16	15,900 kg (35,000 lbs)	12,300 daN (27,600 lbs)

- **Tow hitch** : Front and rear hitch with 70 mm (2.7") diameter tow pin. Manually controlled (1 level)
- **Tyres** : 8.25 R 15 or 315/70 R15 depending on versions
- **Fuel tank capacity** : 83 liters (22 US Gal)
- **Hydraulic tank capacity** : 80 liters (21 US Gal)
- **Cab** : suspended driver seat, standard seat for passenger
- **Paint** : white

STANDARD FEATURES

- **Engine** : 4 cylinders turbo diesel engine
- **Transmission** : CLARK T12000 powershift transmission with torque converter, 4 forward and 3 reverse
- **Maximum Speed** : (empty)
Forward 25 kph (15.6 mph)
Reverse 20 kph (12.5 mph)
- **Front axle** : DANA SPICER steering and driving axle with leaf spring suspension
- **Rear axle** : DANA SPICER steering and driving axle
- **Brake (Service)** : On 4 wheels, hydraulically powered immersed wet disc brake system, dual circuit
- **Brake (Parking)** : Immersed wet disc brake on 2 front wheels, mechanically actuated
- **Steering** : Hydraulically-powered steering 4 wheels

HYDRAULIC SYSTEM

One hydraulic pump flanged on transmission PTO for power steering and braking.

ELECTRICAL EQUIPMENT

24VDC electrical system equipped with the following items :

- 2 x 12 V 95 Ah battery
- 55 A alternator
- Front head lights
- Rear lights
- Stop lights
- Turn signal lights
- Flashing beacon
- Back up alarm of light
- Hazard lights

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

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DRIVING STATION

Standard items :

- Electrical horn
- Ignition switch
- Gauges :
 - Hourmeter
 - Transmission oil temperature
 - Fuel level
- Indicators lights
 - Brake oil level
 - Coolant level
 - Batteries charge
 - Engine oil pressure
 - Engine water temperature
 - Preheating
 - Turn signal lights
 - Head lights
 - Parking brake

OPTIONAL EQUIPMENT

- Cab with 2 hinging doors and heater
- Suspending seat for passenger
- Special hitches (3 level hitches, etc.)
- Rotating warning beacon
- Work light
- Emergency DC pump
- Mirror above the hitch
- Spare wheels
- Fire extinguisher
- Special paint
- De-icing windscreen

DIMENSIONS

Front track: 1 680 mm (66");

Rear track: 1 680 mm (66");

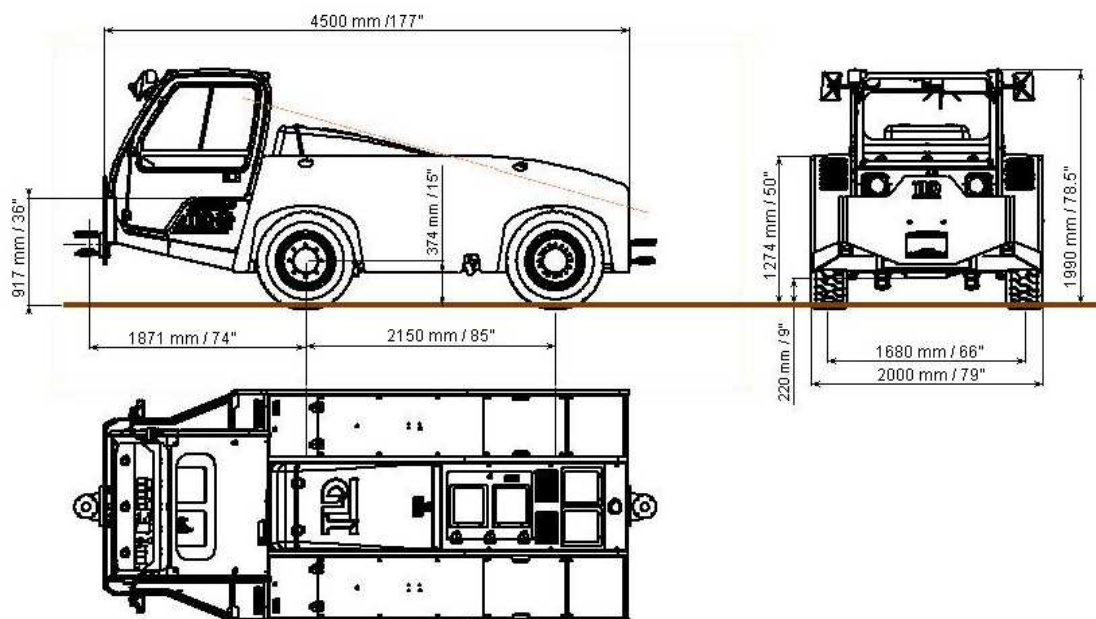
Ground clearance: 220mm(8.66");

Turning radius (4 Wheels steering):

1 650 mm (65") (Inside);

4 300 mm (169") (Outside)

TYPE	FRONT WEIGHT	REAR WEIGHT	TOTAL WEIGHT
TMX-150-9	4,760 kg (10,480 lbs)	3,540 kg (7,800 lbs)	8,300 kg (18,280 lbs)
TMX-150-12	6,470 kg (14,250 lbs)	5,230 kg (11,520 lbs)	11,700 kg (25,770 lbs)
TMX-150-15	8,160 kg (17,970 lbs)	6,940 kg (15,290 lbs)	15,100 kg (33,260 lbs)
TMX-150-16	7,900 kg (17,400 lbs)	8,000 kg (17,600 lbs)	15,900 kg (35,000 lbs)



Tractor with cab and doors option



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