

# TMX-150 series

## AIRCRAFT TOWING TRACTOR



### DESCRIPTION

The TMX-150 aircraft towing tractor, with a maximum draw bar pull up to 12 300 daN (~27,650 lbs), is designed to perform push and pull operations on narrow and medium body A/C, (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).

Its ergonomic design provides maximum driver comfort, safety and excellent visibility.

TLD's high standards of build and component quality make the TMX-150 a durable and reliable tractor.

### DRIVELINE CAPABILITY

TYPES	Gross Weight tractor	DBP
TMX-150-9	8,300 kg (18,300 lbs)	6,800 daN (15,290 lbs)
TMX-150-12	11,700 kg (25,790 lbs)	9,300 daN (20,900 lbs)
TMX-150-15	15,100 kg (33,290 lbs)	12,000 daN (26,980 lbs)
TMX-150-16	15,900 kg (35,050 lbs)	12,300 daN (27,650 lbs)

Friction coefficient 0.8

- **Tow hitch:** Front and rear hitch with 70 mm (2.75") diameter tow pin. Manually controlled (1 level)
- **Tires :** 8.25R15 ( TMX-150-9 /-12 )  
315/70R15 ( TMX-150-15 /-16 )
- **Fuel tank capacity :** 83 liters ( 22 US GAL )
- **Hydraulic tank capacity :** 80 liters ( 21 US GAL )
- **Cab :** mechanically suspended driver and passenger seat
- **Paint :** white – RAL 9016

### STANDARD FEATURES

- **Engine :** DEUTZ TCD 2011 L04W, 75 kW at 2500 RPM, 4 cylinders, turbo Diesel engine
- **Transmission :** DANA SPICER T12000 powershift transmission with torque converter, 4 forward and 3 reverse
- **Maximum speed : (without load)**  
Maximum forward speed : 25 kph ( ~15,5 mph )  
Maximum reverse speed : 17 kph ( ~10,6 mph )
- **Front axle :** DANA SPICER steering and driving axle with leaf spring suspension
- **Rear axle :** DANA SPICER steering and driving axle with double reduction
- **Brake (Service) :** On 4 wheels, multi-discs 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

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

### CAB STANDARD EQUIPMENT

- Electrical horn
- Ignition key
- Hour meter, fuel gauge
- Alarms lights : Engine oil pressure, engine coolant temperature, transmission oil temperature, coolant level, battery charge, brake oil level, preheating, turn signal and head lights, parking brake.

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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## ELECTRICAL EQUIPMENT

24VDC electrical system equipped with the following items :

- 2 x 12 V 95 Ah batteries
- 35 A alternator
- LED lights : Front and rear headlights, working lights on rear hitch, stop lights, turn signal, hazard lights
- Flashing beacon
- Back up alarm

## DIMENSIONS

- **Front track:** 1 680 mm (66")
- **Rear track:** 1 680 mm (66")
- **Ground clearance:** 220 mm (8.66")
- **Inside turning radius :** 1 650 mm (65")
- **Outside turning radius :** 4 300 mm (169")

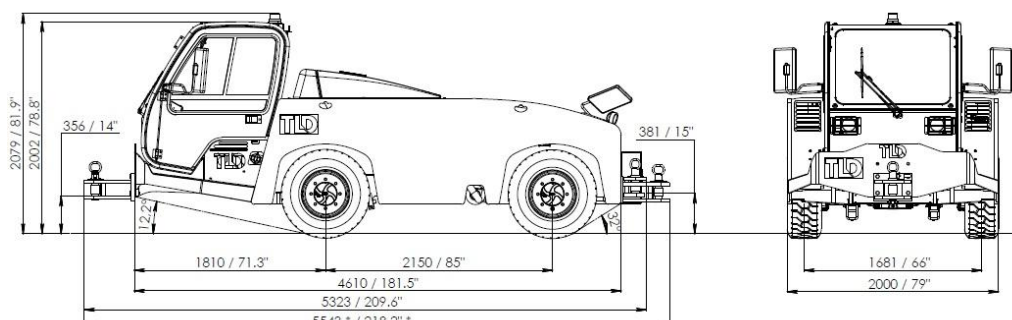
## OPTIONS AVAILABLE

- Air suspended seat for driver
- Safety speed on reverse: 5 km/h ( 3.1 mph )
- Special hitches (3 level hitches, etc.)
- Rotating beacon
- Front working light
- Mirror above the front hitch ( rear is standard)
- Spare wheels
- Fire extinguishers
- Special paint
- De-icing windscreen
- Air conditioning
- Webasto Heater
- Jack plugs
- Emergency DC pump
- Large cab
- Perkins engine 75 kW

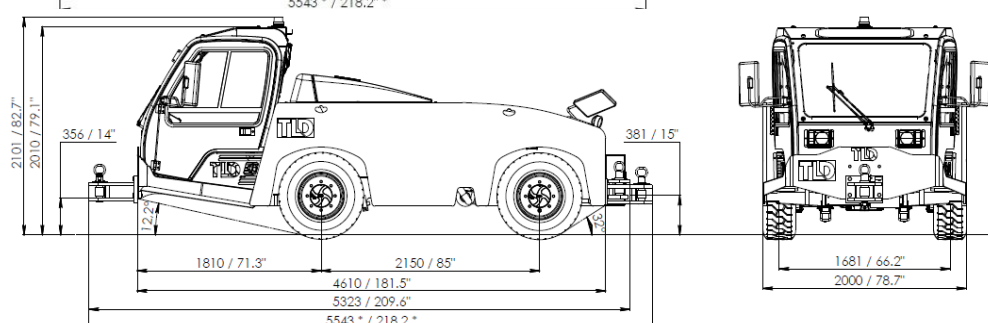
## WEIGHT

TYPES	FRONT WEIGHT	REAR WEIGHT
TMX-150-9	4,760 kg (10,490 lbs)	3,540 kg (7,800 lbs)
TMX-150-12	6,470 kg (14,260 lbs)	5,230 kg (11,530 lbs)
TMX-150-15	8,160 kg (17,990 lbs)	6,940 kg (15,300 lbs)
TMX-150-16	7,900 kg (17,420 lbs)	8,000 kg (17,640 lbs)

Standard cab



Large cab option



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