



DESCRIPTION

The TMX-150 is an aircraft tow bar tractor, with a maximum draw bar pull up to 134 kN (~30,120 lbf), designed to perform pushback and towing operations, depending on the weight version, from regional aircraft to B767-300 ER and A300, A310 (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).

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

Most optimized unit of its category by design, after decades of continuous improvements, the TMX-150 is the unit of choice for all GSE handlers thanks to its reliability, ease of use and ease of maintain.

DRIVELINE CAPABILITY

TYPES	Gross Weight tractor	Drawbar Pull	
		Stage3A Tier3	Stage4/ Tier4F/ Stage5
TMX-150-9	9,100 kg (20,060 lbs)	72 kN (16,186 lbf)	72 kN (16,186 lbf)
TMX-150-12	11,700 kg (25,790 lbs)	93 kN (20,900 lbf)	93 kN (20,900 lbf)
TMX-150-15	15,100 kg (33,290 lbs)	120 kN (26,980 lbf)	100 kN (22,480 lbf)
TMX-150-16	15,900 kg (35,050 lbs)	127 kN (28,550 lbf)	100 kN (22,480 lbf)
TMX-150-18	18,000 kg (39,683 lbs)	134 kN (30,120 lbf)	100 kN (22,480 lbf)

Friction coefficient on dry concrete

- **Parking Brake:** Immersed wet disc brake on 2 front wheels, mechanically actuated
- **Steering:** Hydraulically-powered, 4 wheels steer
- **Tow hitch:** Front and rear hitch with pin Ø70 mm (2.75"), 1 level, manually controlled safety lock.
- **Tires** 8.25-15 (TMX-150-9 /-12)
315/70-15 (TMX-150-15 /-16 /-18)
- **Fuel tank capacity:** 83 liters (22 US GAL)
- **Hydraulic tank capacity:** 45 liters (11 US GAL)
- **Paint:** White – RAL 9016

STANDARD FEATURES

- **Engine:** Turbo diesel engine, 4 cylinders
 - ✓ Stage 3A / Tier3A – DEUTZ TCD 2011 L4W - 75 kW
 - ✓ Stage 4/Tier 4 Final – DEUTZ TD 3.6 L4 - 55 kW
 - ✓ Stage 5 – DEUTZ TCD 2.9 L4 – 55 kW
- **Transmission:** DANA SPICER T12000 powershift transmission with torque converter, 4 forward and 3 reverse , 4 wheels drive
- **Maximum speed : (without load)**
 - Maximum FWD speed: 25 km/h (~15,5 mph)
 - Maximum FWD speed (Stage 5): 26 km/h (~16,2 mph)
 - Maximum REV speed: 15 km/h (~9,3 mph)
- **Front axle:** DANA SPICER steering and driving axle with leaf spring suspension
- **Rear axle:** DANA SPICER steering and driving axle, rigid mounted
- **Service Brake:** Dual circuit on 4 wheels, immersed wet discs hydraulically powered brake system

HYDRAULIC SYSTEM

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

CAB STANDARD EQUIPMENT

- 2 seats cabin with mechanically suspended seat for driver (passenger optional)
- Sunblade for driver
- Hour meter
- Colored display with all operating information: fuel gauge, engine rpm, driving speed, parking brake light, warning lights, etc.
- Front windscreen wipers and washer (rear optional)
- Cab heater and ventilation
- Mirror on front hitch
- Front working light LED
- Adjustable steering column

ELECTRICAL EQUIPMENT

24VDC electrical system equipped with the following items:

- 2 x 12 V 95 Ah batteries
- Alternator:
 - ✓ 55 A (Engine Stage 3A / Tier3A)
 - ✓ 100 A (Engine Stage 4 / Tier 4 Final / Stage 5)
- LED lights: Front and rear headlights, working lights on front and rear hitches, stop lights, turn signal, hazard lights
- Flashing beacon
- Back-up alarm and reverse light

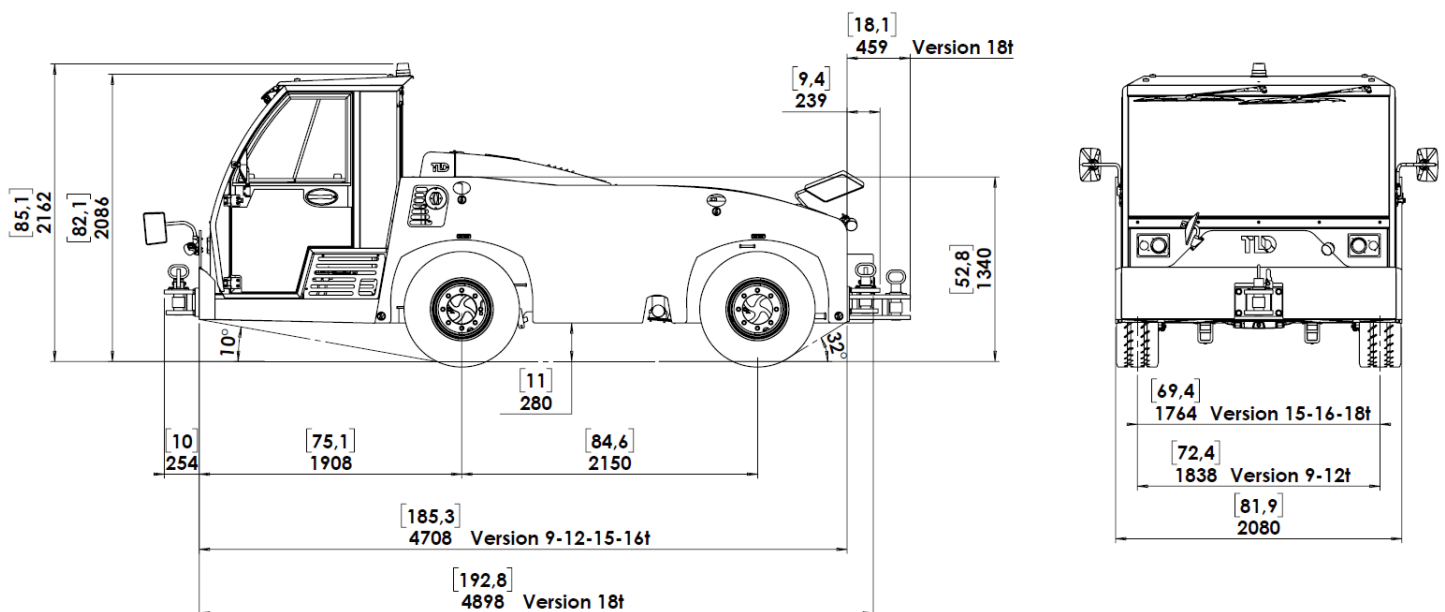
DIMENSIONS

- Inside turning radius.....1 650 mm (65")
- Outside turning radius.....4 690 mm (185")

OPTIONS AVAILABLE

- 3 seats cabin
- Special hitches (3 levels, regional aircraft, hydraulic hitches, etc.)
- Centralized greasing manual or automatic
- Rotating beacon LED lights
- Safety stop engine on low oil pressure or high coolant temperature
- Emergency DC pump
- Fire extinguisher (6kg ABC powder)
- Air conditioning
- De-icing windscreens (integrated resistors only)
- Jack plugs
- Webasto Heater
- Aircraft wheel chocks storage
- Winter kit
- Front view and/or Rear-view camera
- Link FMS option with 10 years of service

* Further options on request



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