

Tow Tractors (5.000/6.000 lbs) Models TA-5 / TA-6



The TA-5 and TA-6 Tow-tractors are compact and robust vehicles designed especially for pulling/pushing and positioning of ancillary units in airports, docks and industrial plants as well as aircraft at air-bases or at airports. Since the tractors operate in

and around aircraft, they have been equipped with special characteristics which give them excellent manoeuvrability, such as a very small turning radius, hydraulic steering, four-fold brake system and hydrostatic transmission for milimetric precise movements.

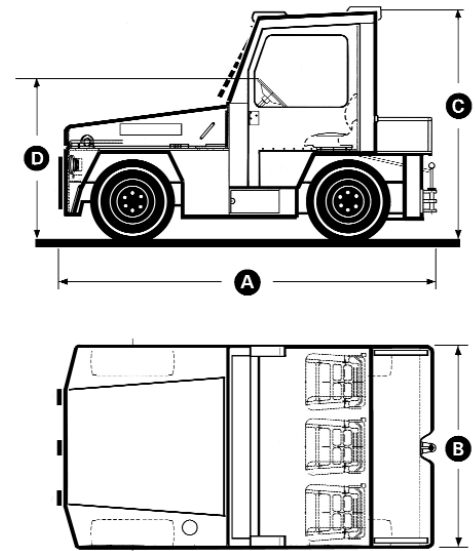
Overall Dimensions and Weight:

	TA-5	TA-6
A Length (with rear hook)	3.25 m	3.25 m
B Width	(1) 1.60-1.70 m.	1.60-1.70 m
C Height (with cab)	1.95 m.	1.95 m
D Height (without cab)	1.35 m.	1.35 m
Weight (approx)	4.100 Kgs.	4.700 Kgs

(1) Varying width depending on 2 or 3 person cabin

Performance:

Draw bar pull	5.000 lbs	6.000 lbs
Inner Turning Radius	2.3 m.	2.3 m
Maximum vehicle speed	25 Km/h.	25 Km/h



Brief Technical Specification

- Robust construction: steel sheet metal electrowelded with a 15mm front plate and a 120mm thick rear bumper
- 4 cylinder air or liquid cooled diesel engine
- Hydrostatic transmission provides progressive, no jerks inching control for precise manoeuvres such as hitching on dollies or aircraft towing.
- Hydraulic steering for added manoeuvrability
- Front axle is articulated steering axle with leaf-spring and silentblock suspension
- Rear axle is reinforced composed of two low rev. high torque motors coupled directly to the chassis with oversized double-eye spring.
- Brakes: hydromechanical drum brakes on all four wheels plus hydrostatic brakes on rear wheels (foot-off accelerator progressive braking). Parking brake: conventional handbrake on rear wheels.
- Access to the diesel engine and hydraulic propulsion group is gained through articulated hoods, using telescopic shock absorbers to improve accessibility.
- Rear and front towing hook.
- Headlights recessed for protection.
- Very small turning radius for operation in congested areas
- Safety systems: engine cannot be started with gear selected; engine shut-down due to lack of oil pressure, overheating or traction inhibited when parking brake on
- Fuel tank capacity of 100 litres.
- Oil tank capacity of 100 litres.
- 12 V D.C. electrical system
- Front and rear pneumatic tyres 7.00-12" (model TA-5)
- Front and rear pneumatic tyres 8.15-15 (model TA-6)

A wide range of options is available on request;

- Various engine options: Deutz, Perkins.
- Cabin for 2 or 3 persons, enclosed or open, with or without heating and ventilation fans in roof. Windows are sliding and windshield can be hinged opened for extra ventilation.
- Mercedes front axle with shock absorbers and leaf-spring suspension.
- Tow hook can be operated by driver from lever inside cabin
- Rear platform for last minute baggage.
- Inching control buttons at rear to facilitate hitching operations controlled by one single operator
- Disc brakes on front axle
- Extra set of rear lights on cabin roof
- Oil Management System for automatic checks/topping up
- Protection system enabling driver to go from forward to reverse or vice-versa at full speed without damaging transmission.
- Special rubber bumpers on 4 corners of cabin roof to reduce damage to aircraft fuselage in event of contact.
- External start connector.
- Rotating beacon
- Reverse buzzer
- Fire extinguisher
- Spotlight