



WGQY45 45 Ton Aircraft towing/pushback Tractor is designed to perform pushback and pull operations on all aircraft up to and including the B747. This unit can be counterweighted to 50 tons with a drawbar pull of 353 KN (77,600 Lbs). The tractor features four (4) wheel drive and four (4) wheel steering for safe and efficient operation. The front driving station is hydraulically elevating and is ergonomically designed for operator comfort, visibility and safety. There is a fixed rear one-man cabin with full controls. Built in jacking cylinders facilitate tire change and maintenance.

## CHASSIS:

The main frame of chassis is made of high strength welded steel plate. After welding the body is stress relieved. The top of the chassis is covered with decking and anti-slip material and is completely enclosed. Two louvers are installed on each side of the tractor body for heat exhaust. The front suspension is leaf spring. The battery is mounted on a pull-out rack.

## STANDARD FEATURES:

**Engine:** The unit is powered by DEUTZ BF6M1015, 314hp (231kw) @2100rpm, diesel engine.

## ELECTRIC SYSTEM:

The electric system is 24V and the generator is 28V/80A. The battery is 2 x 195Ah

- **Transmission:** Dana 15.7 MHR 36442.
- **Front/Rear Axle:** Arvin-Meritor (Rockwell) PSC1485
- **Tires:** 16.00-25.
- **Brake System:** Hydraulic, dual path clamp disk braking. The hand parking brake is spring applied and hydraulic pressure released. The parking brake located at the output side of the gearbox.
- **Steering System:** Full hydraulic dynamic steering. The mode of Front/rear wheel steering, four wheel steering and crab steering can be selected by the electric control system. In case of engine failure, the unit is equipped with an electric pump to assure continued steering ability.

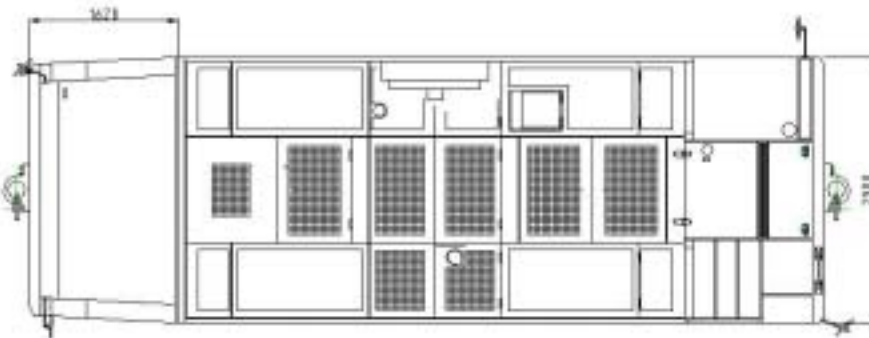
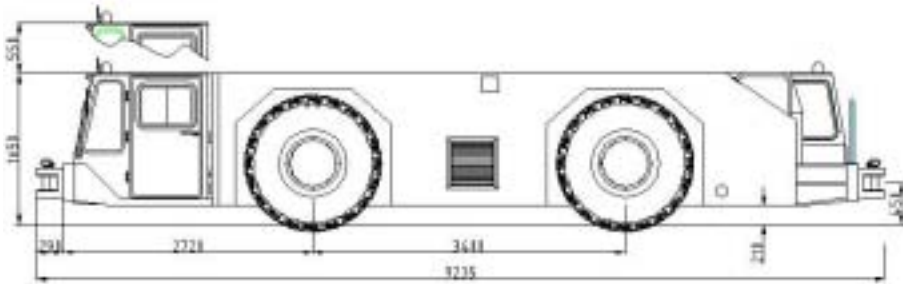
**CABIN:**

The front drivers cabin is elevating and is equipped with air conditioning, heating and defrosting systems. The lifting height is 22 inches (550mm). The rear cabin is fixed.

**AUXILIARY EQUIPMENT:**

Engine Alarm system – high water temperature, low oil pressure (audible and visual display)  
Rear View Mirrors – Left and right along with tow hook mirror and video system

Weight	Drawbar Pull	Dimensions	Wheel Base	Speed	Turn Radius	Ground Clearance
45/50ton	353 KN	363x 114x 65 in, (9235x 2900x 1650mm)	133 in. (3400mm)	20 m/hr (30 km/hr)	126 in. (3200 mm)	8.2 in. (210 mm)



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SPECIFICATIONS TO CHANGE WITHOUT NOTICE



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