



### DOUGLAS TUGMASTER: *Model: DC8-44*

The Douglas Tugmaster conventional type **DC8-44** tractors are specifically designed for pushback and towing operations, with a tow bar, of short, medium and long haul aircraft up to 300 tonnes maximum ramp weight. They provide for the economical and efficient movement of aircraft.

#### Detailed Technical Specification: - NS 1755 Issue 11

- Deutz TCD 2013 L04 Diesel Engine rated at 120 kW (161 bhp) to EU Stage IIIA / Tier 3 Exhaust Emission Standards
- **Alternative** Deutz TCD 4.1 L4 Diesel Engine rated at 115 kW (154 bhp) to EU Stage IIIB / Tier 4 Exhaust Emission Standards
- ZF WG160 series powershift transmission with 4 speed forward and 3 speed reverse gearbox.
- Front axle disconnect system.
- Fully enclosed sound insulated full width, fixed, forward control cab.
- Adjustable suspension seat for driver and for one crew member.
- Windscreen wiper / washers for the front screen.
- Rear view mirrors on both sides of the tractor.
- Right Hand Drive or Left Hand Drive.
- Power assisted orbitrol hydrostatic steering system.
- Selectable three mode steering.
- Four wheel drive [4 x 4].
- Heater / Demister system
- Ballasted to: **18,000 kgs**  
Options: **20,000 kgs**  
**22,000 kgs**  
**25,000 kgs**
- Multi position towing pintles front and rear [Tow pin diameter 70 mm nominal]
- Full instrumentation including hourmeter.
- Full highway type lighting - 24 volt electrics.
- 385/65 R22.5 single wheels and tyres at the front and rear for tractors 18,000, 20,000 and 22,000 kgs ballasted weight. 425/65 R22.5 for tractors at 25,000 kgs.
- Finish painted in Single Colour or Customers Livery.
- Maximum tractive effort:
  - 142 kN [31,925 lbf] for 18,000 kgs tractor.
  - 160 kN [35,970 lbf] for 20,000 kgs tractor.
  - 175 kN [39,345 lbf] for 22,000 kgs tractor.
  - 196 kN [44,000 lbf] for 25,000 kgs tractor
- Maximum solo speed - 30 kph [18.75 mph].
- Rear GPU option available.
- Operator, Spare Parts and Workshop Manuals, in English language

