

CHALLENGER 150



Performance

Capacity

Aircraft weight up to 160 tons

Dimensions (L x W x H)

5,490 x 2,240 x 2,155 mm (standard configuration w/o couplings)

Drawbar pull

10.1 kN (calculated theoretical value, dependent on ballasted weight and adhesion factor)

Driving speed

Max. 30 km/h (depends on ballasted weight)

Turning radius

4,700 mm

Weight

9 tons (without ballast) up to 1.5 tons (ballasted)

Design

Engine

Deutz 4-cylinder diesel TD 2011 L04W (COM IIIA / EPA-TIER3)
Other engines or emission class on request

Transmission

Power shift transmission, torque converter, 5 speed forward, 3 speed reverse

Axle

Front axle with hydro pneumatic suspension, rear axle rigid

Tyres

275/70 R22.5

Steering

Hydraulic powered steering, direct via Orbitrol
All wheel steering

Braking system

Dual circuit hydraulic multiple wet disc brakes, spring loaded parking brake

Electric system

24V DC for vehicle electric system

Driver's cab

Not liftable, cabin w/o doors with 2 seats

Options

Doors with sliding windows or open driver's cab, air conditioning, central greasing station, park heating system, front axle steering.

With STAGE-III/TIER4i engines the drawbar pull (DBP), the engine power and the top speed may vary.

Further options on request. Please consult the technical specification for more information. We reserve the right of technical alterations.

Cost optimized small tractor

The CHALLENGER 150 is the perfect solution for customers who need to handle in particular the B737 and A320 fleets. What's more is: The fully ballasted CHALLENGER 150 is also able to push out the B767-200/300 at Maximum Ramp Weight. The hydro-pneumatic front axle suspension provides best driving comfort for the operator.

