

ENGINE

Manufacturer
Cummins

Model
B6.7

Configuration

Inline 6, turbocharged and intercooled

Gross Power

168 kW (225 hp) @ 2200 rpm

Net Power

160 kW (215 hp) @ 2200 rpm

Displacement

6.7 litres (409 cu.in)

Fuel Tank Capacity

194 litres (51.2 US gal)

Diesel Exhaust Fluid Capacity

37,8 litres (10 US gal)

Air Cleaner

Radial seal air cleaner with clear bowl pre-cleaner. Filter blockage is detected by a pressure transducer

Certification

The B6.7 meets EU Stage V emissions regulations

HYDRAULIC SYSTEM

Hydrostatic Drive System

Electro-hydraulic pump control with variable displacement hydraulic motors. Closed loop system

Wheel Drive System

Double reduction planetary track drive

Service Brake

Hydrostatic brake

Park Brake

Fail to safe Spring Applied Hydraulic Released (SAHR) brake

System Pressure

420 bar (6 092 psi)

Filtration

13 micron spin-on filters

Hydraulic Tank Capacity

85 litres (22.5 US gal)

TRACK

Track Type

Rubber tracks with steel inserts

Tensioning System

Manually adjusted grease cylinder plus mechanical spring

SUSPENSION

Roller Quantity

6 per side

Walking Beam Arrangement

Two terrain-response compound walking beams per side which, maximize the ground contact area, minimize ground pressure, reduce roller to track pressure and decrease the potential for de-tracking

DUMPING SYSTEM

Configuration

Two double-acting, single stage, dump cylinders

Flow Rate

56 litres (15 US gal) per minute

Raise Time

13 seconds

Lower Time

13 seconds

Tipping Angle

60 degrees

Safety

Bin pole which locks bin in the up position

LOAD BODIES

Standard

Utility tipping load body with tailgate. Sides and rear can be folded down or removed to make a flat deck.

Standard Body Capacity

(SAE 2:1)
3.5 m³ (4.6 yd³)

ELECTRICAL SYSTEM

Voltage

24 V

Battery Type

Two AGM (Absorption Glass Mat) type

Battery Capacity

2 X 75 Ah

Alternator Rating

70 Amp

Headlights

LED Hella Valuefit is fitted standard

Extra Lighting Option

Optional LED bar light mounted to top of cab

Reverse Camera

Standard

CAB

Configuration

Dedicated cab developed by Bell for the Tracked Carrier application

Steering

Single handed joystick controller

Air Conditioning

HVAC system is standard fitment

Mirrors

Heated (optional) and remotely operated

Safety

ROPS/FOPS certified according to the following standards: ISO3471, ISO13459, ISO3449

VEHICLE PERFORMANCE

Speed

12 km/h (7,5 mph)

Gradient (laden)

49% (26 degrees)

VEHICLE MASS (STANDARD CONFIGURATION)

Unladen

10 950 kg (24 140 lb)

Laden

17 950 kg (39 573 lb)

Payload

7 000 kg (15 432 lb)

UNLADEN GROUND PRESSURE

6" Sinkage method

0.17 kg/cm² (2.39 psi)

Hard Ground method

0.29 kg/cm² (4.09 psi)

Dimensions

