

**ENGINE**

**Manufacturer**  
Cummins

**Model**  
B6.7

**Configuration**  
Inline 6, turbocharged and intercooled

**Maximum Net Power**  
188 kW (252 hp) @ 1 800 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

**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

**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 m<sup>3</sup> (4.6 yd<sup>3</sup>)

**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

**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)

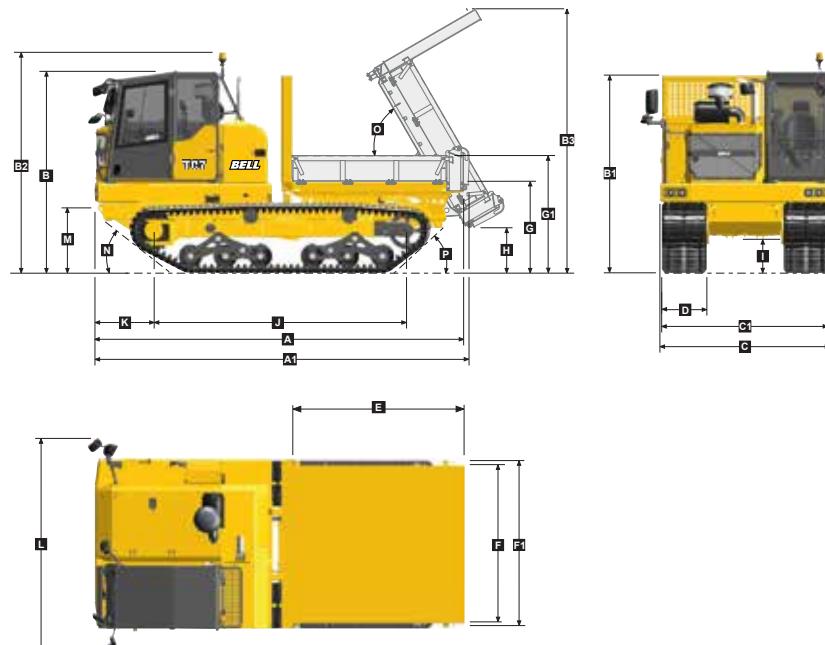
**UNLADEN GROUND PRESSURE****6" Sinkage method**

0.17 kg/cm<sup>2</sup> (2.39 psi)

**Hard Ground method**

0.29 kg/cm<sup>2</sup> (4.09 psi)

## Dimensions: TC7

**Machine Dimensions**

A	Length - Transport Position w/o Tailgate	5 593 mm	(18 ft. 4 in)
A1	Length - Transport Position with Tailgate	5 683 mm	(18 ft. 8 in)
B	Height - Transport Position	3 079 mm	(10 ft. 1 in)
B1	Height - Headboard	2 997 mm	(9 ft. 10 in)
B2	Height - Rotating Beacon	3 343 mm	(10 ft. 12 in)
B3	Headboard Height - Fully Tipped	4 006 mm	(13 ft. 2 in)
C	Width - Transport Position	2 580 mm	(8 ft. 6 in)
C1	Width over Tracks	2 540 mm	(8 ft. 4 in)
D	Track Width	700 mm	(27.56 in)
E	Length - Flat Deck	2 607 mm	(8 ft. 7 in)
F	Width - Flat Deck	2 362 mm	(7 ft. 9 in)
F1	Overall Width over Tailgate	2 572 mm	(8 ft. 5 in)
G	Height - Flat Deck	1 397 mm	(4 ft. 7 in.)
G1	Height - Flat Deck with Sides	1 773 mm	(5 ft. 10 in.)
H	Ground Clearance - Fully Tipped	706 mm	(27.80 in.)
I	Ground Clearance	514 mm	(20.20 in.)
J	Front Sprocket Centre to Rear Sprocket Centre	3 831 mm	(12 ft. 7 in.)
K	Front Sprocket Centre to Machine Front	896 mm	(35.28 in.)
L	Width over Mirrors - Operating Position	3 212 mm	(10 ft. 6 in.)
M	Front Tie Down Height	983 mm	(38.70 in.)
N	Approach Angle	38°	
O	Maximum Tip Angle	60°	
P	Departure Angle	42°	
	Fording Depth	1 155 mm	(3 ft. 9 in.)