

## 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 the 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 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

## 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

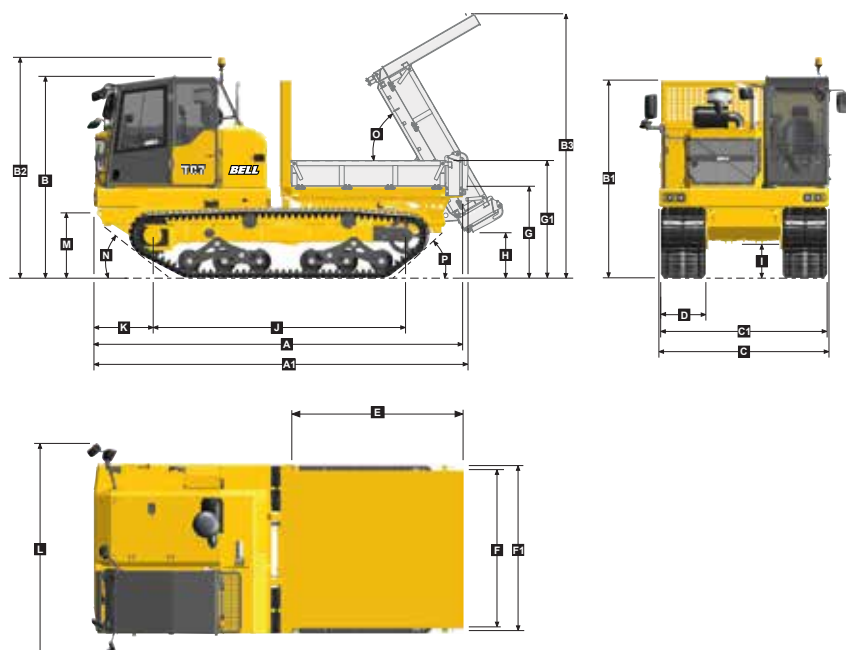
### 6" Sinkage method

0.17 kg/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.)