All dimensions are shown in feet and inches unless otherwise stated between brackets. Under our policy of continuous improvement we reserve the right to change technical data and design without prior notice. Photographs featured in this brochure may include optional equipment.

BELL INTERNATIONAL: Tel: +27 (0)31-987 9431
E-mail: marketing@bellequipment.com
Web: www.bellequipment.com

Tel: +61 (0)8-9355-2442
Tel: +33 (0)5-55-89-23-56
Tel: +49 (0)6631 / 91-13-0
Tel: +7-495-287-80-02
Tel: +27 (0)11-928-9700
Tel: (704) 655 2802
Tel: +44 (0)1283-712862

Strong Reliable Machines
Strong Reliable Support

Tier 4 Final

A-series
TC7A | TC11A
Tracked Carrier

TC11A

1472-A-series Tracked Carrier Spec23700220 - English
TC7A Tracked Carrier

**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 liter (409 cu.in)
- Fuel Tank Capacity: 190 liters (42 US gal)
- Displacement: 160 kW (215 hp) @ 2200 rpm
- Net Power: 168 kW (225 hp) @ 2200 rpm
- Intercooled
- Inline 6, turbocharged and intercooled
- B6.7 Model
- Cummins Manufacturer

**HYDRAULIC SYSTEM**
- Hydrostatic Drive System
- Electro-hydraulic pump control with variable displacement hydraulic motor
- Closed loop system
- Wheel Drive System
- Double reduction planetary track drive
- Service Brake
- Hydraulic brake

**DUMPING SYSTEM**
- Configuration: Two double-acting, single stage, dump cylinders
- Flow Rate: 56 liters (15 US gal) per minute
- Raise Time: 13 seconds
- Lower Time: 13 seconds
- Tipping Angle: 40 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 to make a flat deck.
- Standard Body Capacity: 152 liters (140 US gal)
- Filter: 13 micron spin-on filters
- Filtration: 420 bar (6 092 psi)

**VEHICLE PERFORMANCE**
- Speed: 11 km/h (6.8 mph)
- Gradients (laden): 49% (26 degrees)
- Gradient (laden): 49% (26 degrees)
- Speed: 11 km/h (6.8 mph)
- Gradients (laden): 49% (26 degrees)
- Speed: 11 km/h (6.8 mph)
- Gradients (laden): 49% (26 degrees)

**VEHICLE MASS**
- Unladen: 1900 kg (4209 lb)
- Laden: 1900 kg (4209 lb)
- Payload: 7 000 kg (15 432 lb)
- Payload: 7 000 kg (15 432 lb)
- Payload: 7 000 kg (15 432 lb)

**ELECTRICAL SYSTEM**
- Voltage: 24 V
- Battery Type: Two AGM (Absorption Glass Mat) type
- Battery Capacity: 2 X 75 Ah
- Alternator Rating: 70 Amp
- Headlights: 70 Amp
- Alternator Rating: 70 Amp
- Headlights: 70 Amp
- Alternator Rating: 70 Amp
- Headlights: 70 Amp

**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 raker to track pressure and decrease the potential for de-tracking.

**CAB**
- Configuration: Dedicated cab developed for the tracked carrier application
- Air Conditioning: HVAC system is standard fitment
- Safety: ROPS/FOPS certified according to the following standards: ISO3471, ISO13459, ISO3449
- Safety: ROPS/FOPS certified according to the following standards: ISO3471, ISO13459, ISO3449
- Safety: ROPS/FOPS certified according to the following standards: ISO3471, ISO13459, ISO3449

**Dimensions**
- Figure 1: Dimensions of TC7A Tracked Carrier
- Figure 2: Dimensions of TC7A Tracked Carrier

---

TC11A Tracked Carrier

**ENGINE**
- Manufacturer: Cummins
- Model: B6.7
- Configuration: Inline 6, turbocharged and intercooled
- Gross Power: 168 kW (225 hp) @ 2200 rpm
- Net Power: 177 kW (237 hp) @ 2200 rpm
- Displacement: 6.7 liter (409 cu.in)
- Fuel Tank Capacity: 190 liters (42 US gal)
- Displacement: 177 kW (237 hp) @ 2200 rpm
- Net Power: 177 kW (237 hp) @ 2200 rpm
- Intercooled
- Inline 6, turbocharged and intercooled
- B6.7 Model
- Cummins Manufacturer

**HYDRAULIC SYSTEM**
- Hydrostatic Drive System
- Electro-hydraulic pump control with variable displacement hydraulic motor
- Closed loop system
- Wheel Drive System
- Double reduction planetary track drive
- Service Brake
- Hydraulic brake

**DUMPING SYSTEM**
- Configuration: Two double-acting, single stage, dump cylinders
- Flow Rate: 92 liters (24 US gal) per minute
- Raise Time: 12 seconds
- Lower Time: 12 seconds
- Tipping Angle: 40 degrees for normal load bed
- Safety
- Bin pole which locks bin in the up position

**LOAD BODIES**
- Standard
- Load body with tailgate
- Standard Body Capacity: 152 liters (140 US gal)
- Filter: 13 micron spin-on filters
- Filtration: 420 bar (6 092 psi)

**VEHICLE PERFORMANCE**
- Speed: 11 km/h (6.8 mph)
- Gradients (laden): 49% (26 degrees)
- Gradient (laden): 49% (26 degrees)
- Speed: 11 km/h (6.8 mph)
- Gradients (laden): 49% (26 degrees)
- Speed: 11 km/h (6.8 mph)
- Gradients (laden): 49% (26 degrees)

**VEHICLE MASS**
- Unladen: 1900 kg (4209 lb)
- Laden: 21 900 kg (39 463 lb)
- Payload: 11 000 kg (24 251 lb)
- Payload: 11 000 kg (24 251 lb)
- Payload: 11 000 kg (24 251 lb)

**ELECTRICAL SYSTEM**
- Voltage: 24 V
- Battery Type: Two AGM (Absorption Glass Mat) type
- Battery Capacity: 2 X 75 Ah
- Alternator Rating: 70 Amp
- Headlights: 70 Amp
- Alternator Rating: 70 Amp
- Headlights: 70 Amp
- Alternator Rating: 70 Amp
- Headlights: 70 Amp

**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 raker to track pressure and decrease the potential for de-tracking.

**CAB**
- Configuration: Dedicated cab developed for the tracked carrier application
- Air Conditioning: HVAC system is standard fitment
- Safety: ROPS/FOPS certified according to the following standards: ISO3471, ISO13459, ISO3449
- Safety: ROPS/FOPS certified according to the following standards: ISO3471, ISO13459, ISO3449
- Safety: ROPS/FOPS certified according to the following standards: ISO3471, ISO13459, ISO3449

**Dimensions**
- Figure 1: Dimensions of TC11A Tracked Carrier
- Figure 2: Dimensions of TC11A Tracked Carrier

---
**TC7A Tracked Carrier**

**ENGINE**
- Manufacturer: Cummins
- Model: B6.7

**Configuration**
- Inline 6, turbocharged and intercooled

**Dimensions**
- Length: 20 ft. 4 in.
- Width: 10 ft. 6 in.
- Height: 10 ft. 1 in.

**Load Bodies**
- Standard Body Capacity: 190 liters (42 US gal)
- Fuel Tank Capacity: 6.7 liters (409 cu.in)

**Suspension**
- Radial seal air cleaner with clear bowl pre-cleaner and filter blockage is detected by air pressure transducer

**Hydraulic System**
- Electro-hydraulic pump control with variable displacement hydraulic motor
- Closed loop system
- Wheel Drive System Double reduction planetary track drive

**Service Brake**
- Cylinder plus mechanical spring brake
- Manual grease tensioning system
- Rubber tracks with steel inserts

**DUMPING SYSTEM**
- Two double-acting, single stage, dump cylinders
- Flow Rate: 56 liters (15 US gal) per minute
- Raise Time: 13 seconds

**Cab**
- Dedicated cab developed for the tracked carrier application

**VEHICLE PERFORMANCE**
- Maximum speed: 11 km/h (6.8 mph)

**Electrical System**
- 70 Amp Alternator Rating

**VEHICLE MASS**
- Standard: 5.25 m³ (6.9 yd³)

**TCIIA Tracked Carrier**

**ENGINE**
- Manufacturer: Cummins
- Model: B6.7

**Configuration**
- Inline 6, turbocharged and intercooled

**Dimensions**
- Length: 18 ft. 8 in.
- Width: 8 ft. 8 in.
- Height: 10 ft. 14 in.

**Load Bodies**
- Standard Body Capacity: 5.25 m³ (6.9 yd³)
- Fuel Tank Capacity: 6.7 liters (409 cu.in)

**Suspension**
- Radial seal air cleaner with clear bowl pre-cleaner and filter blockage is detected by air pressure transducer

**Hydraulic System**
- Electro-hydraulic pump control with variable displacement hydraulic motor
- Closed loop system
- Wheel Drive System Double reduction planetary track drive

**Service Brake**
- Cylinder plus mechanical spring brake
- Manual grease tensioning system
- Rubber tracks with steel inserts

**DUMPING SYSTEM**
- Two double-acting, single stage, dump cylinders
- Flow Rate: 92 liters (24 US gal) per minute
- Raise Time: 12 seconds

**Cab**
- Dedicated cab developed for the tracked carrier application

**VEHICLE PERFORMANCE**
- Maximum speed: 11 km/h (6.8 mph)

**Electrical System**
- 70 Amp Alternator Rating
Under our policy of continuous improvement we reserve the right to change technical data and design without prior notice. Photographs featured in this brochure may include optional equipment.