

BIGFOOT SPECIFICATIONS



Safe & easy cab access *



Quick fill, powder coated fuel tanks *



Power bonnet lift *



ROPS/FOPS*



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SWISHY
HAS BEEN

MACK - WE'RE ON THE MOVE

ENGINE & TRANSMISSION

ENGINE MODEL

CATERPILLAR C16
15.8 litre, 6 cylinder
448 Kw (600 HP) @ 1,600 rpm
2,788 Nm (2,050 lbs ft) torque @ 1,200
Clutch engagement torque : 1,356 Nm (1,000 lbs ft)

CATERPILLAR ENGINE FEATURES:

Engine diagnostic and protection system
Electronic fuel control, Injection timing control
Fuel / Air ratio control, Engine brake enable
Engine speed control, Engine idle shutdown
Cruise control

ENGINE BRAKE

Jacobs 340B Engine retarder

AIR INTAKE & FILTER

Single DONALDSON 406 mm (16") Dual element, dry type mounted under cab with external raised air intake and air cleaner mounted restriction indicator

FILTERS

Oil : Combination full flow by-pass
Fuel : Primary filter and Secondary Fuel filter with water separator
All filters are engine mounted

AIR COMPRESSOR

TRU - FLO 1400 31 cfm capacity

ALTERNATOR

LEECE NEVILLE 12 Volt, 140 Amp

STARTER

12 Volt - electric starter motor
Key type start & stop

BATTERIES

CENTURY 12 Volt x 4

FAN

HORTON on/off drive with 32" 9 blade nylon fan.
Manual override switch dash mounted

RADIATOR

G & O 9,766 cm₂ (1,514 in₂)

EXHAUST

Dual 127 mm (5") vertical exhaust and mufflers with heat shields.
Standard height above ground: 4,200 mm

TRANSMISSION

MACK T318 LR 21
Triple countershaft 18-speed overdrive
Forward gears : 18 Reverse : 4
High : 0.71 Low : 16.42
Approx. torque rating : 2,847 Nm (2,100 lbs ft)
(Oil cooler fitted standard)

CLUTCH

SPICER CL7985 394 mm (15.5") VCT. Air assist clutch pedal

FRONT & REAR AXLES

FRONT AXLE

EATON EFA 24T5 Tubular axle
Nominal capacity : 11,000 kg (24,000 lb)
Type 24 brake chambers.

SUSPENSION

Multileaf slipper springs with parallagram torque rods

STEERING GEAR

Dual steering equipment
SHEPPARD M110 Master, SHEPPARD M100 Slave
Ratio 23 : 1

REAR AXLE

MERITOR SPRC 1927 Nominal capacity : 50,000 kg
Front mounted carriers Ratio 9.59 : 1
Extended axle breathers fitted
Type 36/36 brake chambers

SUSPENSION

HENDRICKSON R-1000 walking beam suspension
Axle spacing : 1,626 mm (64")

DRIVELINE

SPICER 1810 HD main & 1710 interaxle

WHEELS

Front : Cast 6 spoke hubs
Rear : 12 Stud single ring wedge
25" x 9.5" 5 piece construction. Earthmoving type demountable rims incorporating lock ring and lug clamps.
Front/rear wheels interchangeable.

TYRES

Front : GOODYEAR 385/95R25 GP2B
Rear : GOODYEAR 385/95R25 GP2B

BRAKES

Front : MERITOR "P-SS"
419 mm x 127 mm (16.5" x 5")
Rear : MERITOR "P"
514 mm x 127 mm (20.25" x 5")

Dual line air with spring emergency brakes and emergency release hand control brake valve and tractor protection valve
WILLIAMS Ratio Relay Valve

FRAME

MATERIAL

Low alloy heat treated steel
270 mm x 83 mm x 8 mm + 6 mm Inner + 10 mm Outer Triple Rail

WHEELBASE

5,765 mm (227")
Rear Overhang : 1,625 mm (63.97")
Turntable angles

CAB SUPPORT

Front : Knee action on aeon rubbers
Rear : Air isolation with shock absorbers and panhard rod

BONNET

Independent rear support frame.
65° tilt bonnet with dual powered hydraulic cylinders.
Electric tilt operation with manual override.

BUMPER

Heavy duty alloy bumper

AIR TANKS

Three steel tanks, mounted below frame with remote manual drains.
BENDIX ADIP Air drier

FUEL TANKS

Two 500 litre steel round in standard extra high position, dual fuel pick-up & return lines. Powder coated finish

BATTERY MOUNT

Outside chassis on left mounted below cabin walkway

CAB

SHELL

CA 65 Conventional galvanised steel cab,
Fibreglass bonnet and fenders with splash aprons
External survivor & bug screen on grille

CAB ACCESS & PROTECTION

Side access via 4 step ladder onto cabin platform.
ROPS/FOPS Canopy (optional)

INTERIOR - BENCHMARK

Driver's & Passenger's cab entry assist
Trim : Grey vinyl with padded headliner
Dashboard : VISION style with Black fascia panel
Floor : Black rubber mat
Sound System : Radio/ CD

INSTRUMENTS GAUGES - FULL

Speedometer / Odometer (Electronic)
Tachometer / Hourmeter (Electronic)
Voltmeter, Exhaust pyrometer
Engine coolant temperature, Clock
Air pressure, Fuel level
Engine oil pressure, Engine oil temperature,
Transmission & rear axle oil temperature

CLIMATE CONTROL

Heater / Defroster
Integral cab air conditioner. Pressurised cabin with air filtered by one DONALDSON 279 mm (11") Single element, dry type
Air cleaner mounted under cab.

COURTESY LAMPS

Overhead roof console and door entry lighting

HEADLAMPS

Four round HALOGEN lamps with covers

HORNS

Air : Two rectangular single trumpet
Electric : Dual single tone

MARKER LAMPS

5 roof mounted amber lamps

MIRRORS

Heated with two spotter mirrors, all mounted on extra wide stainless steel arms

SEATS

Driver : SEATS INC luxury wide base heavy duty air ride seat
Passenger : ISRI cushion seat (standard passenger seat)

STEERING WHEEL

Large 559 mm (22") diameter
Adjustable tilt and telescopic steering column

WINDSHIELD WIPERS

Electric variable speed and intermittent with washer reservoir mounted under bonnet

PAINT

TYPE & COLOUR

Cab : One standard colour in PPG
Chassis : One standard colour in PPG

TRAILER CONNECTIONS

Trailer connections at rear of the cab
Air : Service and emergency with blanking plugs
Electrical : Heavy duty 5 mm² cabling and 12-volt 7-pin female base

FACTORY OPTIONS

ENGINE

CATERPILLAR C16 fitted with Brakesaver
CUMMINS Signature 600
CUMMINS QSK19

REAR AXLE

Power Divider Lock Out

WHEELS & TYRES

To suit customer's application

WHEELBASE

To suit customer's application

FUEL TANKS

WIGGINS Fast fill system
2000 litre Capacity

AIR COMPRESSOR

WABCO 37.4 cfm capacity (Cummins)
TU-FLO 31 cfm capacity (Caterpillar)

DRIVER INFORMATION CENTRE

Road Relay - Cummins
ID Dash Display - Caterpillar

FACTORY ACCESSORIES

Many factory fitted accessories (lights, gauges radios, turntables, guards, greasing systems etc) which are not listed, are also available. All customers are encouraged to contact the Mack Mining department for full details. Engineering review required for each application.



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The information in this brochure was current at the time of publication. Mack Trucks Australia Pty Ltd reserves the right to make changes in specifications, equipment, and design, or to discontinue models, options or extras without notice at any time.

* Optional # Standard