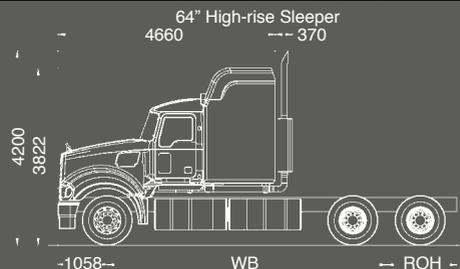
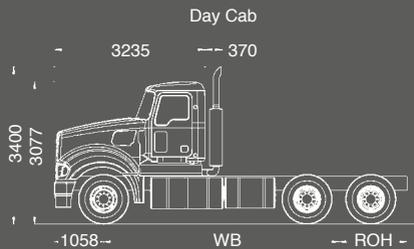




TITAN

SPECIFICATIONS
MID AXLE FORWARD
6X4 8X6



THE NEW BREED



ENGINE & TRANSMISSION

ENGINE

CUMMINS ISX 550, 15 litre, 6 cylinder
Advertised Power 410kW (550Hp) @ 2000 rpm
Peak Power 431kW (578hp) @ 1800 rpm
Peak Torque 2508Nm (1850ftlb) @ 1200 – 1600 rpm

INTEBRAKE ENGINE BRAKE

Intebrake Engine Brake
Retarding power up to 448kW (600Hp)

AIR INTAKE & FILTER

Painted steel dust extractors and external raised air intakes mounted in front of the mirrors with in dash air restriction gauge

FILTERS

Oil: Combination full-flow by-pass
Fuel: Spin-on disposable with water separator and “water-in-fuel” sensor
All engine mounted

AIR COMPRESSOR

WABCO 18.7 cfm 530liters/min

AIR DRYER

Bendix air dryer

ALTERNATOR

LEECE NEVILLE 12Volt / 160Amp Brushless

STARTER

DELCO REMY 12volt electric starter motor
Key type start & stop

FAN

KYSOR DYNAIR on/off drive with
813mm (32”) 9-blade nylon fan

RADIATOR

NL1, Frontal area 1,757in²

EXHAUST

Dual 127mm (5”) vertical exhaust and mufflers with heat shields, post mounted
Standard height above ground: 3,400mm

TRANSMISSION

EATON RTLO-20918B
Forward gears: 18 / Reverse gears: 4
ratios: High: 0.73 / low: 14.40
Reverse: 15.06:1
Torque rating: 2,780Nm (2,050 lbs ft)
(with transmission cooler std)

CLUTCH

EATON 394mm (15.5”) Easy Pedal with VCT Plus
Air assist clutch release

FRONT & REAR AXLES

FRONT AXLE

MACK FXL 18 (8,200kg capacity)

FRONT SUSPENSION

Two 1,321mm (52”) long multileaf springs with shock absorbers

FRONT BRAKES

Front automatic slack adjusters
Type 24 brake boosters
S’ Cam with cast iron drums

STEERING GEAR

SD110 steering gear

REAR AXLE

MERITOR RT46-160GP
Nominal capacity : 20,900kg (46,000lbs)
Front mounted carriers
Ratio 4.56:1

REAR SUSPENSION

NEWAY AD246
Nominal capacity : 20,900kg (46,000lbs)
Out board mounted shock absorbers

REAR BRAKES

Rear automatic slack adjusters
Type 24 / 30 brake boosters
S’ Cam (standard service)

DRIVELINE

SPICER 1810 HD main, 1710 interaxle

WHEELS

Front & Rear cast 6 spoke
22.5” x 8.25” silver steel tubeless rims

TYRES

Front: MICHELIN XZE-2
295/80 R22.5 – 16 ply
Rear: MICHELIN XDE-2
11R22.5 – 16 ply

CHASSIS

FRAME

Advantage 300mm x 90mm x 9.5mm
184,000psi / RBM 2,240,000in lb

WHEELBASE

4,600mm (181”) with turntable angles
Rear overhang 1,510mm (59”)

CAB SUPPORT

Front: Two metallic pivot mounts
Rear: Air isolation with dual shock absorbers
Fully suspended cab

FRONT BUMPER

Standard without bumper or bullbar

AIR TANK

2 x steel tanks mounted parallel to frame
Manual drain cords on all tanks

FUEL TANK

Two 500 litre alloy round 660mm (26”) diameter with dual fuel pick-up & return lines with a silver satin finish with full length steps

BATTERIES

Four 12volt, 2 per side mounted rear of the fuel tanks (mounted in sleeper if fitted)

ELECTRICAL

Chassis harness with flame proof ‘fuel-haul’ compliant protective conduit

CAB

SHELL

FUSION CAB (100mm deeper cab)
ECE29 (cab crash test) compliant cab, with fibreglass bonnet and fenders with splash aprons
Bonnet tilts forward 75° with spring assist
Stainless bug screen integrated with grille
External sunvisor
Painted cab skirts
Two piece windscreen

INTERIOR

Trim: Slate grey pleated vinyl
Insulation: internal heat/noise rejection lining (Full instruments only)

Roof: Slate grey pleated roof trim with courtesy lights
Wood grain dash with full instruments
Co-pilot driver display

SOUND SYSTEM:

DELPHI Radio / CD player

INSTRUMENTS & GAUGES

Full instrument package including:
Engine coolant & engine oil temperature
Manifold pressure, air restriction indicator
Engine oil pressure, brake air application
Transmission & rear axle oil temperature
Instruments on a wood grain dash panel

CLIMATE CONTROL

HVAC integral cab air conditioner/heater
Electronic controls
Replaceable dust intrusion filter

COURTESY LAMPS

Drivers/Passengers door entry lighting

HEADLAMPS

HELLA integral light / indicator unit with polycarbonate protective moulding

HORNS

2 x roof mounted air horn trumpets
2 x under bonnet mounted electric

MARKER LAMPS

5 roof-mounted amber lights

MIRRORS

Heated ‘West Coast’ style with stainless steel arms and brackets
LHS and RHS spotter mirrors

SEATS

Driver: ISRI air-ride driver’s seat
Passenger: ISRI fixed cushion seat

STEERING WHEEL

Soft grip rubber steering wheel
457mm (18”)

Adjustable tilt and telescopic steering column

WINDSCREEN WIPERS

Electronic variable-speed, intermittent wipers with washer reservoir mounted under bonnet

PAINT

TYPE AND COLOUR

Cab / sleeper: Single non-metallic cab colour
MACK White
Chassis: Single non-metallic chassis colour
MACK Black

TRAILER CONNECTIONS

Semi connections at rear of the cabin
Air: Service and emergency with blanking plugs
Electrical: 12 Volt 7-pin female base with heavy-duty 5mm² cabling

FACTORY OPTIONS

ENGINE

CUMMINS Signature 600, 15 litre, 6 cylinder
Advertised Power 448kW (600Hp) @ 2000 rpm
Peak Power 459kW (615hp) @ 1800 rpm
Peak Torque 2780Nm (2050ftlb) @ 1200 – 1700 rpm

INTEBRAKE ENGINE BRAKE

Interbrake Engine Brake
Retarding power up to 448kW (600Hp)

PTO

Switch and wiring in dash

ALTERNATOR

LEECE NEVILLE 12Volt / 185Amp Brushless

AIR COMPRESSOR

WABCO 1060liters/min

EXHAUST

Dual 127mm (5”) vertical exhaust, and mufflers with heat shields post/sleeper rear mounted, 4.2 above ground
Dual 127mm (5”) vertical exhaust, and mufflers with heat shields cab/sleeper forward mounted
Available in 3.4mtr & 4.2mtr heights

TRANSMISSION

MACK T318LR21 with oil cooler
EATON RTLO-22918B

CLUTCH

EATON ‘SOLO’ with VCT Plus

FRONT AXLE

MACK FXL20
HD94 STEERING GEAR with MACK FXL20 axle

FRONT SUSPENSION

Heavy duty multileaf springs

WHEEL TYPE

10-stud 8¼” or 9” (285mm PCD) steel disc
10-stud 8¼” (285mm PCD) satin finish alloy disc
10-stud 8¼” (285mm PCD) polished alloy disc
10-stud 8¼” (285mm PCD) DURABRIGHT alloy disc

FRONT TYRES

MICHELIN XZY 295/80R22.5
MICHELIN XZE-2 315/80R22.5

REAR TYRES

MICHELIN XDY 295/80R22.5
MICHELIN XDE-2 295/80R22.5

REAR AXLES & SUSPENSION

DANA D50-170P/NEWAY AD260 (air)
DANA D52-190/NEWAY AD260 (air)
MERITOR RT 46-160GP/MACK MIL-H (mech)
MERITOR RT 52-185G/NEWAY AD260 (air)
MERITOR RT 52-380G/NEWAY AD260 (air)
MERITOR RZ78-380/NEWAY AD390 (TRI-DRIVE)
MACK NAS 69/NEWAY AD369 (TRI-DRIVE)
MACK NAS 97/NEWAY AD390 (TRI-DRIVE)
(Rear of cab or sleeper snorkel with pin-fin style oil cooler available as option on selected axle models)

REAR BRAKES

Type 30/30 brake boosters
S’ cam type P (severe service)
4- channel ABS anti-lock braking system (not available on RT52-380G or Tri-drive axles)

INTER AXLE / WHEEL LOCKS

Driver-controlled cross-wheel differential lock rear drive axle only
Driver-controlled cross-wheel differential locks both drive axles (vendor axles only)
Power divider (std Mack axles only)

REAR AXLE RATIOS

MACK axle ratios
From 4.35 To 5.95
MERITOR axle ratios from to
From 4.10 To 6.83
DANA axle ratios from to
From 4.10 To 6.83

FRAME

Advantage 300mm x 90mm x 11.1mm
212,000psi / RBM 2,590,000in lb

WHEELBASE (WB)

4,600mm (181”) to 6,290mm (248”)

AFTERFRAME (RO)

1,550mm (61”)
(All chassis lengths can be specified with tapered rail ends)

BULLBAR / BUMPER / FUPS

A range of bumper & bullbar designs are available, in either polished alloy or stainless steel. Please check with your area sales representative for FUPS compatibility

FUEL TANKS

Two 350litre alloy tanks with LHS split
Two 500litre alloy tanks with LHS split
Four 350litre alloy tanks
Two 500litre and two 265litre alloy tanks
Two 500litre and two 350litre alloy tanks
Four 500litre alloy tanks

Four 700 litre ‘D’ shaped alloy fuel tanks with dual fuel pick-up & return lines with a polished finish and full length steps (Polished fuel tanks are available for all tank configurations)

BATTERY MOUNTS

Four 12volt batteries mounted in-chassis
Four 12volt batteries mounted in rear of sleeper (mandatory with sleeper)
Chrome battery box covers

CAB EXTERIOR

Powered and heated ‘West Coast’ style mirrors (LHS & RHS)
Polished stainless steel cab skirts and air-intake tubes

One piece windscreen
Body Builder chassis connections

CAB INTERIOR

Slate grey pleated roof trim with overhead console and matching door trims
Burgundy pleated roof trim with overhead console and matching door trims
Central Locking / Power windows

DRIVERS SEAT

ISRI 6800 / 337 air-ride driver’s seat with cloth head rest upper, side and lower lumbar support, oscillating base, and fore / aft seat cushion adjustment

STEERING WHEEL

Elite leather grip steering wheel

SLEEPER COMPARTMENTS

Super Cab 710mm (28”) rear cabin extension
1015mm (40”) Mid-rise PREMIUM sleeper- 4 door
1,170mm (46”) Mid-rise PREMIUM sleeper- 4 door
1,170mm (46”) High-rise PREMIUM sleeper- 4 door
1,320mm (52”) Mid-rise PREMIUM sleeper- 4 door
1,320mm (52”) High-rise PREMIUM sleeper- 4 door
1,625mm (64) High-rise Premium sleeper – 4 door
All sleepers have 4 access doors and vertical cab extenders

TITAN FACTORY

ACCESSORIES

Many factory fitted accessories (lights, turntables, etc) which are not listed, are also available. All customers are encouraged to see their Authorised Dealer for full details.



THE NEW BREED