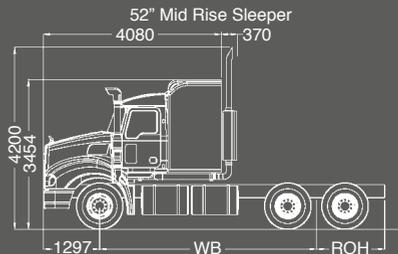
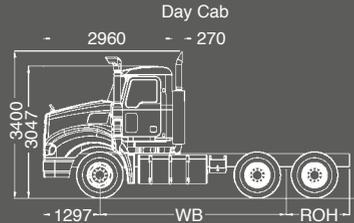
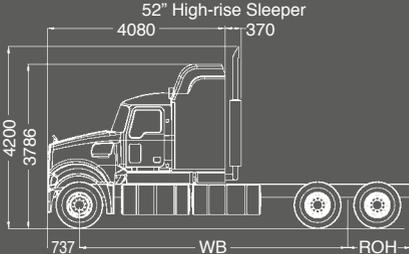
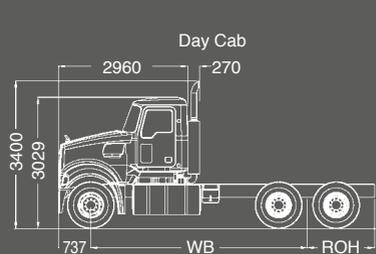


TRIDENT

SPECIFICATIONS
AXLE FORWARD 6x4
AXLE BACK 6x4 8x4



THE NEW BREED



ENGINE & TRANSMISSION

ENGINE

MACK MP8-465hp MAXI-CRUISE 12.8litre, 6 cylinder
347kW (465hp) @ 1,465 – 1,800rpm
1,661ftlbs torque @ 1,050 – 1,450rpm

ENGINE BRAKE

POWERLEASH engine brake
Engine retarding power 315Kw (428hp) @ 2,100rpm

AIR INTAKE & FILTER

Donaldson 279mm (11") Single dry type elements,
Dual mounted under cab (AF).
Single under bonnet (AB)
Painted steel dust extractors and external raised air
intakes mounted in front of the mirrors
Restriction indicator mounted on cleaner

FILTERS

2 full flow and 1 bypass engine mounted oil filters
2 step dual engine mounted fuel filters / water
separator

AIR COMPRESSOR

2 CYL. 900 L/MIN WABCO COMPRESSOR

AIR DRYER

Bendix air dryer

ALTERNATOR

LEECE NEVILLE 12Volt / 160Amp Brushless

STARTER

12V STANDARD STARTER DELCO 39MTHD
Key type start & stop

FAN

KYSOR DYNAIR on/off drive with
750mm (29.5") 9-blade nylon fan (AB)
710mm (28") 9-blade nylon fan (AF)

RADIATOR

NL3, Frontal area 1,435in²

EXHAUST

Single LHS 127mm (5") vertical exhaust and muffler
with heat shield, post mounted
Standard height above ground:3,400mm

TRANSMISSION

EATON FULLER RTLO-16918B
18 speed overdrive transmission
Fwd gears :18, Rev gears :4
High : 0.73 Low : 14.40
Torque rating : 1,650ftlbs 2,237Nm

CLUTCH

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

FRONT & REAR AXLES

FRONT AXLE

Model: MACK FXL 14.6 (6,600kg capacity)
(AB 8x4 twin FXL 14.6 mechanical load share)
Axle position: Axle forward (AF): 737mm BFA
Axle position: Axle back (AB) 1297mm BFA

FRONT SUSPENSION

Two 1,321mm (52") long 3-leaf parabolic springs with
heavy duty shock absorbers

FRONT BRAKES

Front automatic slack adjusters
Type 20 brake boosters
S' Cam with cast iron drums

STEERING GEAR

M100P steering gear
(only available with axle back models)
HD94 steering gear
(only available with axle forward models)

REAR AXLE

MACK S440 carriers
Nominal capacity: 20,000kg
Top mounted carriers
Ratio 4.35:1

REAR SUSPENSION

MACK AL460
Nominal capacity: 20,900kg
Standard shock absorbers

REAR BRAKES

Rear automatic slack adjusters
Type 30 / 30 brake boosters
S' Cam with cast iron drums

DRIVELINE

SPICER 1810 Drive shafts 1710 Inter axle

WHEELS

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

TYRES

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

CHASSIS

FRAME

Advantage 300mm x 90mm x 8mm
156,000psi / RBM 1,940,000in lb

WHEELBASE

4,670mm (183.9") with turntable angles
Rear overhang 1,460mm (57.5")

CAB SUPPORT

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

FRONT BUMPER

Light weight alloy bumper
(no light provision)

AIR TANK

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

FUEL TANKS

Two 350 litre alloy round 660mm (26") diameter (silver
satin finish) with full length steps

BATTERIES

Four 12volt, two each side rear of fuel tanks with
black battery box covers for both axle back & axle
forward models (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 windscreens

INTERIOR

Trim: 'Diamond Plate' grey cloth trim
Insulation: internal heat/noise rejection lining
(Full instruments only)
Roof: Slate grey vinyl roof trim with courtesy lights
SOUND SYSTEM:
DELPHI Radio / CD player

INSTRUMENTS & GAUGES

Standard instruments:
Speedometer / odometer (electronic)
Tachometer / hourmeter (electronic)
Voltmeter, air pressure, fuel level
Engine coolant temperature
Oil pressure
Co-Pilot driver information display (Full)

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 standard air-ride driver's seat
Passenger: ISRI fixed cushion

STEERING WHEEL

BULLDOG soft touch 457mm (18") diameter rubber
grip
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

MACK MP8-500hp MAXI-CRUISE
12.8litre, 6 cylinder
368kW (500hp) @ 1,500 – 1,800rpm
1,770ftlbs torque @ 1,100 – 1,450rpm
PTO Options
Rear of engine PTO option on request

ALTERNATOR

LEECE NEVILLE 12Volt / 185Amp Brushless

EXHAUST

Single RHS 127mm (5") vertical exhaust, and muffler
with heat shield post mounted
Dual 127mm (5") vertical exhaust, and mufflers with
heat shields post/sleeper rear mounted
Dual 127mm (5") vertical exhaust, and mufflers with
heat shields cab/sleeper forward mounted
Available in 3.4mtr & 4.2mtr heights Underframe
mounted exhaust

TRANSMISSION

MACK T318
EATON RTLO-18918B
EATON RTLO-18918A-AS3 (Autoshift)
EATON RTLO-20918B
EATON RTLO-20918A-AS3 (Autoshift)
(cooler standard)

CLUTCH

EATON 'SOLO' with VCT Plus

FRONT & REAR AXLES

FRONT SUSPENSION

Multileaf front springs with heavy duty shocks

WHEEL TYPE

10-stud 8¼" (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
10-stud 9" offset (285mm) polished alloy disc

FRONT TYRES

MICHELIN XZY-2 11R22.5
MICHELIN XZE-2 275/70R22.5
MICHELIN XZE-2 295/80R22.5
MICHELIN XZY 295/80R22.5
MICHELIN XZE-2 315/80R22.5

REAR TYRES

MICHELIN XDE-2 275/70R22.5
MICHELIN XZE-2 275/70R22.5
MICHELIN XDY 295/80R22.5
MICHELIN XDE-2 295/80R22.5
MICHELIN XZE-2 295/80R22.5

REAR AXLES & SUSPENSION

MACK SS462 (200 series/Camelback)
MACK NAS462 (200 series / AD246)
DANA D46-170 / MACK AL460
DANA D50-170 / NEWAY AD246
MERITOR RT 46-180GP / MACK AL460
MERITOR RT 46-180GP / MACK AP460
MERITOR RT 46-180GP / NEWAY AD246
MERITOR RT 46-180GP / MACK MIL-H (mech)

REAR BRAKES

Type 30/30 brake boosters
ABS or ABS & Traction Control

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)

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

LIGHTWEIGHT HUBS & DRUMS

Rear alloy hubs & centrifuse brake drums
(only available with 285mm PCD disc wheels)

REAR WHEELS

10-stud 8¼" (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) DURA BRIGHT
polished alloy disc

FRAME

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

WHEELBASE (WB)

4,670mm (183.9") to 5,945mm (234")

AFTERFRAME (RO)

1,460mm (57.5") to 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
Two 500litre alloy tanks with LHS split
Four 350litre alloy tanks
Two 500litre and two 350litre alloy tanks
Four 500litre alloy tanks
(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

LH & RH power mirrors
LH down mirror
One piece windscreen
Cab extenders (day cab)
Stainless steel exterior sunvisor
Polished stainless steel cab skirts and air intake
tubes
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
Power windows (LHS and RHS)
Full instruments package
Wood grain dash finish (Full instruments only)
Air restriction indicator mounted in dash

COMMUNICATIONS

GME TX835 CB radio
GME TX4400UHF radio

DRIVERS SEAT

ISRI luxury air ride driver's seat with upper and lower
lumber support, and fore/aft seat cushion adjustment.
ISRI 'Big-Boy' air-ride driver's seat with cloth head
rest upper, side and lower lumber 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
All sleepers have 4 access doors and vertical cab
extenders

TRIDENT 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