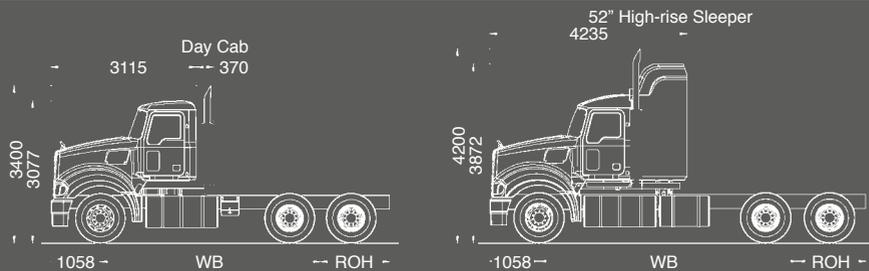


SUPER-LINER

SPECIFICATIONS
MID AXLE FORWARD
6X4



THE NEW BREED



ENGINE & TRANSMISSION

ENGINE

CUMMINS ISX 525, 15 litre, 6 cylinder
Advertised Power 391kW (525Hp) @ 2000 rpm
Peak Power 410kW (550hp) @ 1800 rpm
Peak Torque 2508Nm (1850ftlb) @ 1200 – 1500 rpm

INTEBRAKE ENGINE BRAKE

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

AIR INTAKE & FILTER

Donaldson 279mm (11") Single dry type elements,
Dual front mounted with pre cleaners and 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

Single CYL. 530liters/min WABCO compressor

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-18918B
Forward gears: 18 / Reverse gears: 4
ratios: High: 0.73 / low: 14.40
Reverse: 15.06:1
Torque rating: 2,508Nm (1,850 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

Model: MACK FXL 14.6 (6,600kg capacity)

FRONT SUSPENSION

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

FRONT BRAKES

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

STEERING GEAR

SHEPPARD SD110

REAR AXLE

MACK 200 series 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 HD main, 1710 interaxle

WHEELS

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

TYRES

Front: MICHELIN XZE-2
295/80R22.5 – 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

4,475mm (176.2") with turntable angles
Rear overhang 1,460mm (57.5")

CAB SUPPORT

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

FRONT BUMPER

Standard without bumper or bullbar

AIR TANK

Steel tank mounted parallel to frame with manual drain cords

FUEL TANK

Two 350 litre alloy round 660mm (26") diameter with dual fuel pick-up & return lines with a silver satin finish and full length stops

BATTERIES

Four 12volt, 2 per side mounted rear of the fuel tanks with black battery box covers

ELECTRICAL

Chassis harness with flame proof 'fuel-haul' compliant protective conduit
Body Builder chassis connections

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

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
Co-pilot driver display
Full instruments on charcoal grey panel dash

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 and 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 cab
Air: Service and emergency with blanking plugs
Electrical: 12 Volt 7-pin female base with heavy-duty 5mm² cabling

FACTORY OPTIONS

ENGINE

CUMMINS ISX 600, 15 litre, 6 cylinder
Advertised Power 448kW (600Hp) @ 2000 rpm
Peak Power 459kW (615hp) @ 1800 rpm
Peak Torque 2508Nm (1850ftlb) @ 1200 – 1700 rpm
Intebrate Engine Brake
Retarding power up to 448kW (600Hp)
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
Intebrate Engine Brake
Retarding power up to 448kW (600Hp)

PTO

Switch and wiring in dash

ALTERNATOR

LEECE NEVILLE 12Volt / 185Amp Brushless

AIR COMPRESSOR

2 cyl. WABCO 1060liters/min

EXHAUST

Dual 127mm (5") vertical exhaust, and mufflers with heat shields post 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

EATON RTLO-20918B
EATON RTLO-20918A-AS3 (Auto Shift)
MACK T318LR21

CLUTCH

EATON 'SOLO' with VCT Plus
FRONT & REAR AXLES

FRONT AXLE

Model: MACK FXL 18 (8,200kg capacity)

FRONT SUSPENSION

Multileaf front springs
Heavy-duty Multileaf springs

FRONT BRAKES

S' Cam with centrifuge brake drums

WHEEL TYPE

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

MACK 200 series/Mack Camelback (mech) SS462
MACK 200 series/NEWAY AD246 (air) NAS462
MERITOR RT 46-160GP / MACK AL460 (air)
MERITOR RT 46-160GP / MACK AP460 (air)
MERITOR RT 46-160GP/ MACK MIL-H (mech)
MERITOR RT 50-180 / MACK AP460 (air)
MERITOR RT 52-185 / MACK MIL-X (Mech)
DANA D46-170 / MACK AL460 (air)
DANA D50-170 / NEWAY AD246 (air)

REAR BRAKES

Type 30/30 brake boosters
S' Cam with cast iron hubs
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

FRAME

Advantage 300mm x 90mm x 9.5mm
184,000psi / RBM 2,240,000in lb
Advantage 300mm x 90mm x 11.1mm
212,000psi / RBM 2,590,000in lb

WHEELBASE (WB)

4,475mm (176") to 6,250mm (246")

AFTERFRAME (RO)

1,460mm (57.5") to 1,485mm (58.5")
(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

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
Wood grain dash finish
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 lumbar support, and fore/aft seat cushion adjustment.
ISRI 'Big-Boy' 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
All sleepers have 4 access doors and vertical cab extenders

SUPER-LINER 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