



TITAN

600Hp

685Hp

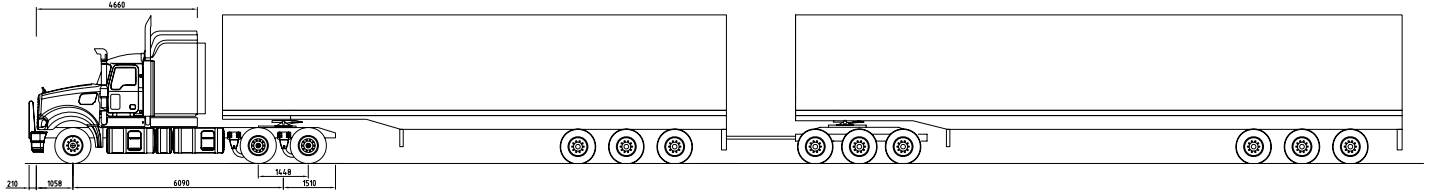
MP10 SCR
Selective Catalytic Reduction



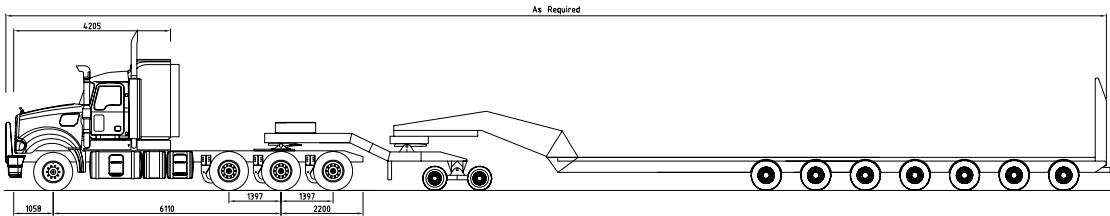
TITAN

UNCOMPROMISING STRENGTH AND DURABILITY.

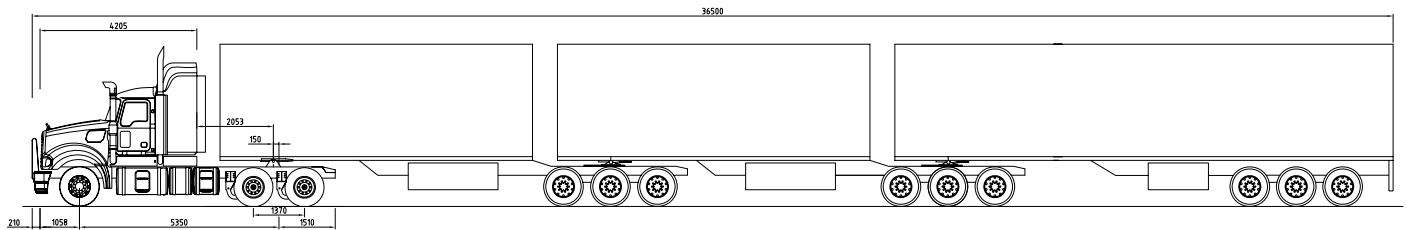
When it's time to bring out the heavy haulers, this uncompromising Mack delivers the ultimate in heavyweight strength and durability. It's the business end of heavy haulage.



TITAN 6X4 64" HIGH-RISE 2 TRAILER ROAD TRAIN



TITAN 8X6 46" MID-RISE SLEEPER WITH LOW LOADER



TITAN 6X4 46" HIGH-RISE SLEEPER WITH B-TRIPLE

ENGINE & TRANSMISSION

ENGINE

- ▶ Mack MP10 16 litre, 600Hp – 685Hp (Ref Engine chart)
- ▶ Selective Catalytic Reduction (SCR)
- ▶ Emission Level Euro5 (ADR80-03)

ENGINE BRAKE

- ▶ PowerLeash engine brake
- ▶ Engine retarding power up to 570Hp (425kW)

AIR INTAKE & FILTER

- ▶ Donaldson 279mm (11") single dry type element, dual canisters mounted under the cab
- ▶ Painted steel dust extractors and external raised air intakes mounted in front of the cabin 'A' pillars

FILTERS

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

AIR COMPRESSOR

- ▶ Twin cyl 900 litres/min WABCO compressor (standard)

AIR DRYER

- ▶ Bendix AD-IS air dryer

ALTERNATOR

- ▶ Leece Neville 12volt/160Amp Brushless
- ▶ Leece Neville 12volt/185Amp Brushless

STARTER

- ▶ MELCO 12volt electric starter (standard)
- ▶ Key type start & stop

FAN

- ▶ Behr Visco drive (electric over viscous fan clutch)
- ▶ 813mm (32") 9-blade nylon fan

RADIATOR

- ▶ NL1, Frontal area 1,757in²

EXHAUST

- ▶ Single RHS frame mounted catalyst with stainless steel heat shield
 - ▶ Outlet twin 152mm (6") vertical exhaust (Day Cab)
 - ▶ Outlet twin 152mm (6") vertical exhaust (Sleeper)
- ▶ Exhaust tip height above ground 3.5mtr (standard)
- ▶ Exhaust tip height above ground 4.2mtr (optional)

TRANSMISSION

- ▶ Manual transmissions (Refer Transmission Chart)
- ▶ Transmission oil cooler (optional)

CLUTCH

- ▶ Eaton 394mm (15.5") Easy Pedal with VCT Plus
- ▶ Eaton 'SOLO' with VCT Plus (optional)
- ▶ SACHS 430mm (17") Single Plate (mDRIVE only)
- ▶ Air assist clutch release

DRIVELINE

- ▶ Spicer 1810 Main shafts, 1710 Inter-axle
- ▶ 1810 interaxle and SPL driveline (NSV only)

PTO OPTIONS

- ▶ mDRIVE transmission mounted – DIN or Flange (optional)
- ▶ Rear of engine (REPTO) – NSV Only
- ▶ Prep kit, switch & wiring only (optional)

ENGINE CHART

MAKE	MODEL	HORSEPOWER	TORQUE	LITRES	CYL / VALVES	EMISSION
Mack	MP10	600	2,065ft-lbs	16ltr	6 / 24	SCR / ADR80/03
Mack	MP10	685	2,300ft-lbs	16ltr	6 / 24	SCR / ADR80/03

TRANSMISSION CHART

MAKE	MODEL	MAX TORQUE CAPACITY	FWD GEARS	REV GEARS	LO/HI	TYPE
Mack	T318LR21 (standard)	2,100ft-lbs (optional 600 Hp only)	18	3	16.42 / 0.71	Manual
Mack	T31821 (optional)	2,100ft-lbs (standard 600 Hp only)	18	3	13.44 / 0.71	Manual
Eaton	RTLO-22918B (optional)	2,250ft-lbs (600Hp only)	18	4	14.40 / 0.73	Manual
Mack	TmD12AO23 (optional)	2,350ft-lbs (optional) (600Hp and 685Hp)	12	2	11.73 / 0.78	Automated

AXLES & SUSPENSION

FRONT AXLE

- ▶ Mack FXL with unitised hubs (Refer Steer Axle Chart)
- ▶ Axle position: Mid Axle Forward (MAF): 1,058mm BFA

FRONT SUSPENSION

- ▶ 1,321mm (52") long springs (Refer Steer Axle Chart)

FRONT BRAKES

- ▶ Front automatic slack adjusters
- ▶ Type 24 brake boosters
- ▶ S' Cam with iron drums (standard)
- ▶ S' Cam with centrifuse drums (optional)

STEERING GEAR

- ▶ Sheppard SD110 steering gear
- ▶ Steering ratio 16.9:1

REAR AXLES

- ▶ Mack, Meritor, Dana & Sisu axle options (Refer Drive Axle Chart)
- ▶ Capacities 22 to 44 tonne (tri-drive)

REAR SUSPENSION

- ▶ Air and mechanical spring options (Refer Drive Axle Chart)
- ▶ Ratings: 22 to 39 tonne (tri-drive)

REAR BRAKES

- ▶ Rear automatic slack adjusters
- ▶ Type 24/30 brake boosters (standard)
- ▶ Type 30/30 brake boosters (optional)
- ▶ S' Cam with cast iron drums (standard)
- ▶ ABS or ABS with Traction Control (optional)

INTER-AXLE/WHEEL LOCKS

- ▶ DCDL one axle only (vendor axles only)
- ▶ DCDL's on both axles (optional)
- ▶ Mack Power Divider (standard with Mack axles)

WHEELS

- ▶ 10-stud options:
 - ▶ 8¼" (285mm PCD) steel disc
 - ▶ 8¼" (285mm PCD) machine buff disc
 - ▶ 8¼" (285mm PCD) polished alloy disc
 - ▶ 8¼" (285mm PCD) DURABRIGHT alloy disc
 - ▶ 9" (285mm PCD) polished alloy disc
 - ▶ 9" Offset (285mm PCD) polished alloy disc
 - ▶ 9" (285mm PCD) DURABRIGHT alloy disc
 - ▶ 9" Offset (285mm PCD) DURABRIGHT alloy disc

TYRES

- ▶ Michelin tyres as standard

STEER AXLE CHART

MAKE	MODEL	CAPACITY	SUSPENSION
Mack	FXL 16.5	16,500lbs (7.5t)	CXX (P3,M8)
Mack	FXL 18	18,000lbs (8.2t)	CXX (M7)

Note: Parabolic Standard Duty (P), Multileaf Standard Duty (M), Multileaf Heavy Duty (H) - Number = Leaf Qty

DRIVE AXLE CHART

MAKE	MODEL	CAPACITY	RATIOS	SUSPENSION
Mack	S652 (NSV only)	65,000lbs (29t)	4.35, 4.60	AD260/CAMELBACK
Mack	RTH2610B (Hub Reduction) (NSV only)	57,000lbs (26t)	4.55, 5.41	MIL-X
Mack	NAS369 (tri-drive)	69,000lbs (31t)	5.46	AD369
Mack	NAS397 (tri-drive) (NSV only)	97,000lbs (44t)	4.60, 5.22	AD390
Meritor	RT52-185	52,000lbs (24t)	3.58, 3.73, 4.10, 4.30	AD260/MIL-X
Meritor	RT52-380	52,000lbs (24t)	5.52	AD260
Dana	D50-170	50,000lbs (23t)	3.58, 3.73, 3.91, 4.10, 4.30	AD246
Dana	D52-190	52,000lbs (24t)	3.58, 3.73, 3.91, 4.10, 4.30, 4.56	AD260
Sisu	FR2P-26	57,000lbs (26t)	4.68, 5.56	AD260
Sisu	FR3P-39 (tri-drive)	86,000lbs (39t)	4.68, 5.56	AD390

Note: Other ratios available via NSV (Non Standard Vehicle) request

CHASSIS

CHASSIS

- ▶ 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
- [†] Dependent on wheel base and axle capacity

WHEELBASE (WB)

- ▶ 4,600mm (181") to 6,290mm (247.6")

AFTERFRAME (RO)

- ▶ 1,510mm (59") to 1,550mm (61")
- ▶ All chassis lengths can be specified with tapered rail ends

CAB SUPPORT

- ▶ Front: Two metalistic pivot mounts
- ▶ Rear: Air isolation with dual shock absorbers
- ▶ Fully suspended cab
- ▶ Rear panard rod (standard)

BULLBAR/BUMPER/FUPS

- ▶ Light weight alloy bumper with front underrun protection (standard)
- ▶ Heavy duty bullbar with front underrun protection (optional)

ELECTRICAL

- ▶ Chassis harness with protective conduit

AIR TANK

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

FUEL TANKS

- ▶ 26" round polished alloy tanks (Refer Wheelbase Chart)
- ▶ Large capacity polished D-shaped tanks (optional)
- ▶ Round or D-Shaped stainless steel urea tanks (125, 150 or 200ltr)

REMOTE BREATHERS

- ▶ Transmission, fuel and axle remote breather kit (optional)

CHASSIS ACCESS STEP

- ▶ Staired and perforated 2 step design (optional)

BATTERIES

- ▶ Four 12volt Bulldog batteries, high capacity (620 CCA)
- ▶ LH and RH frame mounted with black battery box cover (standard)
- ▶ Polished aluminium battery box cover (optional)
- ▶ Batteries mounted in sleeper if fitted

TRAILER CONNECTIONS

- ▶ Semi connections back of cab (standard)
- ▶ Back of cab and rear of Frame (optional)
- ▶ Air: Service and emergency with blanking plugs
- ▶ Electrical: 12volt 7-pin female base with HD 5mm² cabling

CAB

SHELL

- ▶ Fusion Cab, ECE29 (cab crash test) compliant
- ▶ Two piece windscreen (standard)
- ▶ One piece windscreen (optional)

SLEEPER OPTIONS

- ▶ 915mm (36") High-rise premium sleeper – 3 door (NSV only)
- ▶ 1,015mm (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 door and vertical cab extenders

CAB INTERIOR

- ▶ Slate grey pleated roof trim with overhead console and matching door trims – includes sleeper trim (standard)
- ▶ Burgundy pleated roof trim with overhead console and matching door trims – includes sleeper trim (optional)
- ▶ Rear wall with 2 door storage pockets
- ▶ Dash: Premium wood-grain finish with integrated cup holders
- ▶ Central locking (standard)
- ▶ Power windows (standard)
- ▶ Insulation: internal heat/noise rejection lining (standard)
- ▶ Floor: Black rubber mat (standard)

CAB (CONTINUED)

SEATS

- ▶ Driver: ISRI 'Big-Boy' air-ride (standard): cloth trim, upper, side and lower lumbar support with fore/aft seat cushion adjustment
- ▶ Driver: ISRI 'Big-Boy' air-ride Premium (optional): 'MACK' embossed cloth trim, LH arm rest, upper, side and lower lumbar support with oscillating base and fore/aft seat cushion adjustment
- ▶ Passenger: ISRI fixed cushion (standard)
- ▶ Passenger: ISRI premium air ride seat with upper and lower lumbar support, and fore/aft seat cushion adjustment (optional)

STEERING WHEEL

- ▶ Bulldog soft touch rubber grip 457mm (18") diameter (standard)
- ▶ Elite leather grip steering wheel (optional)
- ▶ Adjustable tilt and telescopic steering column

INSTRUMENTS & STANDARD GAUGES

- ▶ Driver information display: Co-Pilot
- ▶ Speedometer/odometer (electronic)
- ▶ Tachometer/hourmeter (electronic)
- ▶ Voltmeter, engine hours, distance, trip recording
- ▶ Engine coolant temperature, fuel and AdBlue (DEF) levels
- ▶ Primary and secondary air pressure
- ▶ Oil pressure and oil temperature

FULL GAUGE PACKAGE INCLUDES

- ▶ Manifold pressure, transmission temperature, exhaust temperature, brake application pressure, front and rear drive axle temperature

WINDSCREEN WIPERS

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

AUDIO SYSTEM

- ▶ Base Radio/CD player 4 x 20watt (standard)
- ▶ Premium Radio/CD player 4 x 35watt including hands free (optional)
- ▶ iPod connector and USB connector (optional)

COMMUNICATIONS

- ▶ GME CB radio (optional)
- ▶ GME UHF radio (optional)

CLIMATE CONTROL

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

COURTESY LAMPS

- ▶ Drivers/Passengers door entry lighting

SAFETY & WARNING

- ▶ Set of 3 safety warning triangles (optional)
- ▶ Door mounted emergency procedure guide (optional)
- ▶ Emergency eye wash bottle (optional)
- ▶ 2.5kg in cab mounted fire extinguisher (optional)
- ▶ 9kg on frame mounted fire extinguisher (optional)

TYRE EQUIPMENT

- ▶ 20 tonne bottle jack (optional)
- ▶ Wheel lug wrench kit (standard)

CAB EXTERIOR

- ▶ Fibreglass bonnet and polyfibre fenders with splash aprons
- ▶ Bonnet tilts forward 75° with spring assist
- ▶ Chrome grille surround and side air intakes (standard)
- ▶ Polished stainless steel cab skirts and air intake tubes (standard)
- ▶ Black nylon bonnet hold down straps (standard)
- ▶ Bright finish bonnet hold down straps (optional)
- ▶ Stainless bug screen integrated with grille (standard)
- ▶ Painted external sunvisor (standard)
- ▶ Stainless steel exterior sunvisor (optional)

HEADLAMPS

- ▶ Hella integral light/indicator unit with polycarbonate protective moulding

MARKER & TAIL LAMPS

- ▶ 5 roof-mounted amber lights and 3 in 1 tail lamp (standard)
- ▶ LED roof clearance and tail lamps (optional)

REVERSING ALARM

- ▶ Chassis mounted back up alarm (optional)

REVOLVING AMBER BEACON

- ▶ Single amber revolving roof beacon (optional)
- ▶ Double amber revolving roof beacons (optional)
- ▶ Double amber revolving beacons air intake mounted (optional)

HOOK UP LAMP

- ▶ Rear of cab mounted hook up lamp (optional)

HORNS

- ▶ 2 x roof mounted, air horn trumpets
- ▶ 2 x under bonnet mounted, electric

MIRRORS

- ▶ Heated 'West Coast' mirrors with stainless steel arms (standard)
- ▶ LH and RH power mirrors (standard)
- ▶ LH and RH 7" spotter mirrors (standard)
- ▶ LH down mirror (optional)

WINDSCREEN STONE GUARD

- ▶ Matt black mesh windscreen stone guard (optional)

PRINT & ACCESSORIES

PAINT TYPE AND COLOUR

- ▶ Cab/sleeper: Single non-metallic cab colour
- ▶ PPG – White and Mack Black
- ▶ Chassis: Single non-metallic chassis colour
- ▶ Epoxy Mine specification primer (NSV only)

ACCESSORIES

- ▶ Many factory fitted accessories that are not listed, are also available
- ▶ All customers are encouraged to see their Authorised Dealer for full details



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