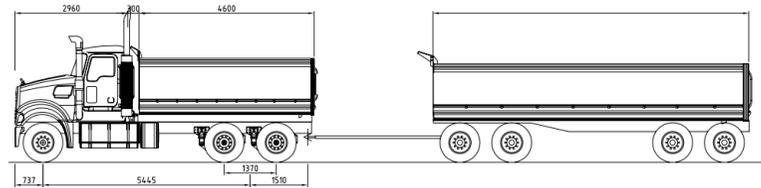


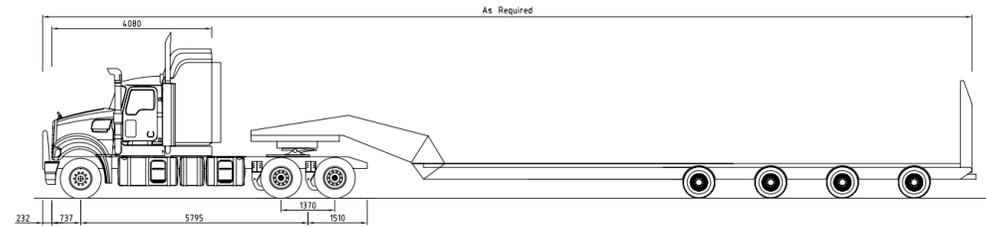
TRIDENT

GOOD LOOKS, MUSCLES AND MANNERS.

Easy on the eye. Strong and versatile. The Trident packs a punch with productivity and performance in construction, on-road or anywhere in between.



TRIDENT 6X4 AF DAY CAB WITH TIPPER AND 4 AXLE DOG



TRIDENT 6X4 52" HIGH RISE SLEEPER WITH LOW LOADER

TRIDENT AF WHEELBASE CHART

WHEELBASE* (WB)	EXHAUST TO CENTRE OF DRIVE (mm), CA**					MAXIMUM FUEL CAPACITY***	ADBLUE TANK CAP	TURNING CIRCLE (m)**** Kerb to Kerb
	Day Cab	Super Cab	40" Sleeper	46" Sleeper	52" Sleeper			
BBC	2960	3570	3775	3930	4080			
4720mm	2377					700L	125L	16.7
4970mm	2627	2137				1000L	150L	17.5
5120mm	2777	2287				1400L	200L	18.0
5270mm	2927	2437	2232			1700L	150L	18.5
5420mm	3077		2382	2227		1700L	150L	18.9
5570mm	3227		2532	2377	2227	1700L	150L	19.4
5770mm	3427				2427	2000L	150L	20.0

GVM: Up to 26,000kg¹ GCM: Up to 131 tonnes¹

* Wheelbase calculated using 1320mm Bogie Spread.

** Distances shown are with rear exhausts Day Cab or forward mounted exhausts for sleeper.

*** Maximum fuel capacity is VSS selectable combinations with batteries mounted on chassis for day cab and inframe or in sleeper for larger cabs.

**** Turning circle measure to be used as a guide only. Refer to WIS.

¹ Subject to application.



MACKTRUCKS.COM.AU

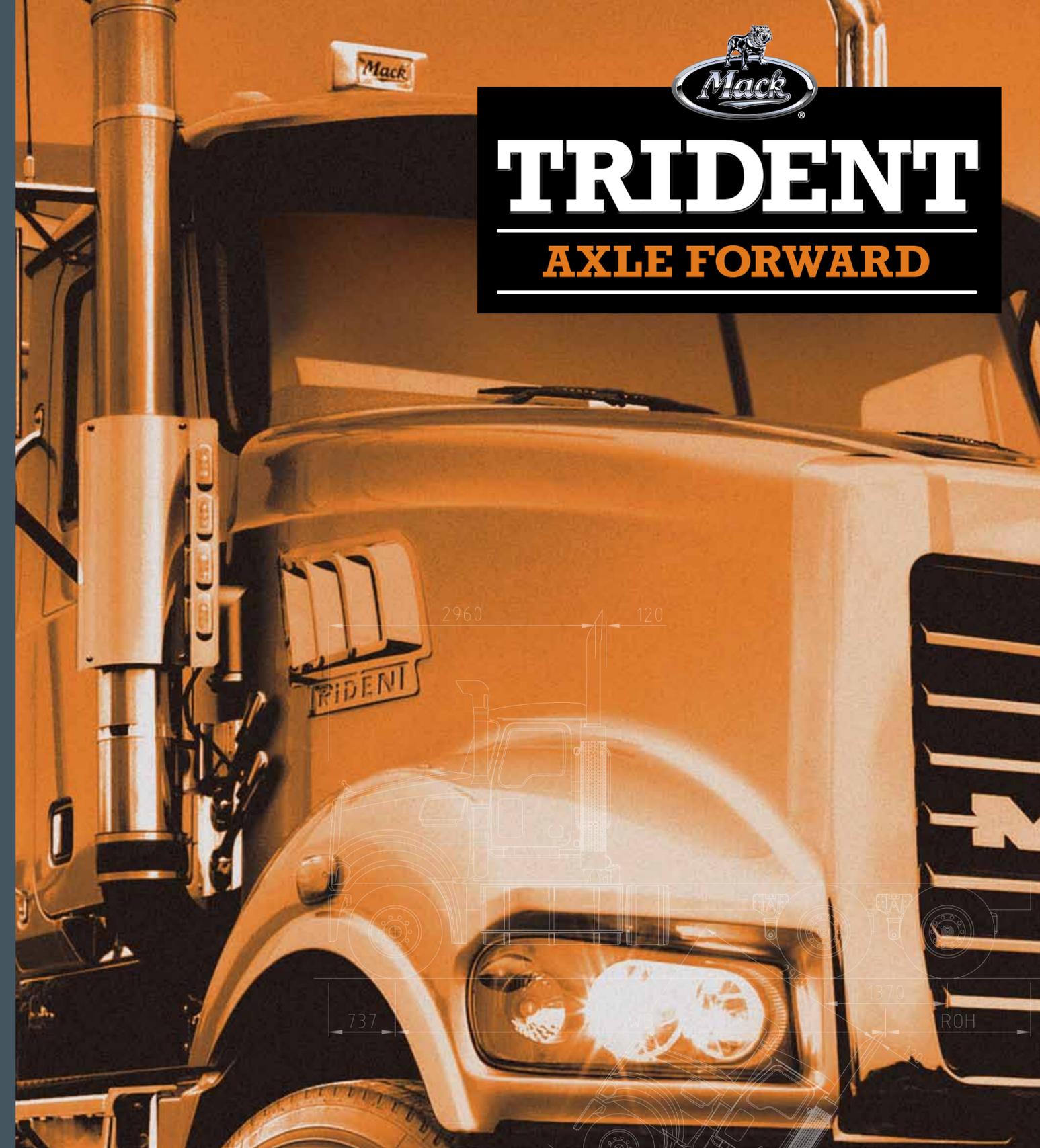
Trident-AF-08-2011 Printed in Australia

The information in this brochure was current at the time of publication. Mack Trucks reserves the right to make changes in specifications, equipment and design, or to discontinue models, options or extras without notice at any time. MACK and the Bulldog design are registered trademarks. All rights reserved. V-MAC is a registered trademark. All rights reserved.



TRIDENT

AXLE FORWARD



ENGINE & TRANSMISSION			
ENGINE			
<ul style="list-style-type: none">MACK MP8 12.8 litre MAXI-CRUISE torque settings Selective Catalytic Reduction (SCR) Emission Level Euro5 (ADR80/03)			
Horsepower (Hp)	500	535	
Torque (lb–ft)	1840	1920	
ENGINE BRAKE			
<ul style="list-style-type: none">Powerleash engine brake Engine retarding power up to 315Kw (495hp) @ 2,100rpm			
AIR INTAKE & FILTER			
<ul style="list-style-type: none">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			
<ul style="list-style-type: none">2 full flow and 1 bypass engine mounted oil filters 2 step dual engine mounted fuel filters/water separator			
AIR COMPRESSOR			
<ul style="list-style-type: none">2 CYL. 900 litres/min WABCO compressor			
AIR DRYER			
<ul style="list-style-type: none">Bendix AD-IS air dryer			
ALTERNATOR			
<ul style="list-style-type: none">Leece Neville 12volt/160Amp Brushless (standard) Leece Neville 12volt/185Amp Brushless (optional)			
STARTER			
<ul style="list-style-type: none">Delco Remy 39MTHD 12volt electric starter (standard) Key type start and stop			

TRANSMISSION CHART						
MAKE	MODEL	MAX TORQUE CAPACITY	FWD GEARS	REV GEARS	LO/HI	TYPE
Mack	T31821	2,100ft–lbs	18	3	13.44/0.71	Manual
Mack <i>m</i> DRIVE	<i>T</i> m D12AD (Direct)	1,920ft–lbs	12	2	14.94/1.0	Fully Automated
Eaton	RTL018918	1,850ft–lbs	18	4	14.40/0.73	Manual
Eaton	RTL020918	2,050ft–lbs	18	4	14.40/0.73	Manual
Eaton	RTL022918	2,250ft–lbs	18	4	14.40/0.73	Manual

Note: RTL018918 and MP8 500hp <50tonnes, RTL020918 + MP8 535<60 tonnes

AXLES & SUSPENSION
FRONT AXLE
<ul style="list-style-type: none">Mack FXL with unitised hubs (Refer Steer Axle Chart) Axle position: Axle forward (AF): 737mm BFA
FRONT SUSPENSION
<ul style="list-style-type: none">321mm (52") long springs (Refer Steer Axle Chart)
FRONT BRAKES
<ul style="list-style-type: none">Front automatic slack adjusters Type 20 brake boosters S' Cam with iron drums (standard) S' Cam with centrifuse drums (optional)
STEERING GEAR
<ul style="list-style-type: none">Sheppard HD94 Steering ratio 16.9:1
REAR AXLES
<ul style="list-style-type: none">Mack, Meritor and Dana axle options (Refer Drive Axle Chart) Ratings 18 to 22.7 tonne

FAN
<ul style="list-style-type: none">Behr Visco drive (electric over viscous fan clutch) 710mm (28") 9-blade nylon fan (AF)
RADIATOR
<ul style="list-style-type: none">NL3, Frontal area 1,435in²
EXHAUST
<ul style="list-style-type: none">Single RHS frame mounted catalyst with stainless heat shield <ul style="list-style-type: none">Outlet single RHS 152mm (6") vertical exhaust (Day Cab) Outlet twin 152mm (6") vertical exhaust (Day Cab) Outlet twin 152mm (6") vertical exhaust (Sleeper Cab) Outlet single 127mm (5") underframe outlet (optional) Exhaust tip height above ground 3.5mtr (standard) Exhaust tip height above ground 4.2mtr (optional)
TRANSMISSION
<ul style="list-style-type: none">Manual and Automated transmissions (Refer Transmission Chart) Transmission oil cooler (optional)
CLUTCH
<ul style="list-style-type: none">Eaton 394mm (15.5") Easy Pedal with VCT Plus (standard) Eaton 'Solo' with VCT Plus (optional) Single Plate 430mm (17") (standard with <i>m</i>DRIVE) Air assist clutch release
DRIVELINE
<ul style="list-style-type: none">Spicer 1810 Main shafts, 1710 Inter-axle 1810 interaxle and SPL driveline (NSV only)
PTO OPTIONS
<ul style="list-style-type: none">Rear of engine PTO (REPTO) Transmission mounted PTO (optional on <i>m</i>DRIVE) Prep kit, switch and wiring only (optional)

AXLES & SUSPENSION (CONTINUED)
WHEELS
<ul style="list-style-type: none">10-stud 8¼" (285mm PCD) steel disc 10-stud 8¼" (285mm PCD) machine buff disc 10-stud 8¼" (285mm PCD) polished alloy disc 10-stud 8¼" (285mm PCD) DURABRIGHT alloy disc 10-stud 9" (285mm PCD) polished alloy disc
WHEELS (CONTINUED)
<ul style="list-style-type: none">10-stud 9" Offset (285mm PCD) polished alloy disc 10-stud 9" (285mm PCD) DURABRIGHT alloy disc 10-stud 9" Offset (285mm PCD) DURABRIGHT alloy disc
TYRES
<ul style="list-style-type: none">Michelin tyres as standard

STEER AXLE CHART					
MAKE	MODEL	CAPACITY	SUSPENSION*	COMMENTS	
Mack	FXL 14.6	14,600lbs (6.6t)	P3,M7)		Standard axle
Meritor	FG941 (NSV only)	14,600lbs (6.6t)	(P3,M7)		Disc brakes (NSV only)

* Parabolic Standard Duty (P), Multileaf Standard Duty (M), Multileaf Heavy Duty (H) – Number = Leaf Qty

DRIVE AXLE CHART					
MAKE	MODEL	CAPACITY	RATIOS**	RATIOS (<i>m</i> DRIVE)	SUSPENSION
Mack	S440	44,000lbs (20t)	4.35, 4.73, 5.02 / 4.19, 4.50, 4.80	3.11, 3.25, 3.40	AL460
Mack	S462	46,000lbs (21t)	4.35, 4.73, 5.02 / 4.19, 4.50, 4.80	3.11, 3.25, 3.40	AD246 / CAMELBACK
Meritor	RT46-160	46,000lbs (21t)	4.30, 4.56, 4.89	3.07, 3.21, 3.42	AL460 / AP460 / AD246 / MIL-H
Dana	D46-170	46,000lbs (21t)	4.30, 4.56, 4.78	3.07, 3.21, 3.42	AL460 / AD246 (NSV only)
Dana	D50-170	50,000lbs (22.7t)	4.30, 4.56, 4.78	3.07, 3.21, 3.42	AD246 (NSV only)

** Mack ratios in RED relate to Mack 150 series carriers/Mack ratios in BLACK relate to Mack 200 series carriers

CHASSIS
CHASSIS
<ul style="list-style-type: none">Advantage 300mm x 90mm x 8mm¹ 156,000psi/RBM 1,940,000in lb Advantage 300mm x 90mm x 9.5mm¹ 184,000psi/RBM 2,240,000in lb <p>¹ Dependent on wheel base and axle capacity</p>
WHEELBASE (WB)
<ul style="list-style-type: none">4,720mm (185.8") to 6,150mm (242")
AFTERFRAME (RO)
<ul style="list-style-type: none">1,460mm (57.5") to 2,810mm (110.6") All chassis lengths can be specified with tapered rail ends
CAB SUPPORT
<ul style="list-style-type: none">Front: Two metalistic pivot mounts Rear: Air isolation with dual cabin shock absorbers Fully suspended cab Rear panard rod (standard)
BULLBAR/BUMPER/FUPS
<ul style="list-style-type: none">Light weight alloy bumper (standard) Polished alloy bullbar (optional) Bumper and bullbar Front Underrun Protection (optional) Temporary transit bar (optional)
AIR TANK
<ul style="list-style-type: none">1 x steel tank mounted parallel to frame Manual drain cord

FUEL TANKS
<ul style="list-style-type: none">26" round polished alloy tanks (Refer Wheelbase Chart) Large capacity polished D-shaped tanks (optional) AdBlue Tank, kerbside (LHS) location 125 litre stainless steel 26" round (standard) 150 litre stainless steel 26" round (optional) 150 litre stainless steel D-shaped (optional) 200 litre stainless steel D-shaped (optional)

REMOTE BREATHERS
<ul style="list-style-type: none">Transmission, fuel and axle remote breather kit (optional)
CHASSIS ACCESS STEP
<ul style="list-style-type: none">Staired and perforated 2 step design (optional)

BATTERIES
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Tractor connections back of cab (standard) Rigid to rear of frame (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

ELECTRICAL
<ul style="list-style-type: none">Chassis harness with protective conduit Electrical prep kit, Body Builder chassis connections (optional)

CAB
SHELL
<ul style="list-style-type: none">Fusion Cab, ECE29 (cab crash test) compliant Two piece windscreen (standard) One piece windscreen (optional)
SLEEPER OPTIONS
<ul style="list-style-type: none">710mm (28") Super Cab with rear cabin extension 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 All sleepers have 4 access door and vertical cab extenders
CAB INTERIOR
<ul style="list-style-type: none">Grey roof trim with 3 overhead storage pockets and 4 cabin lamps, complimentary Diamond Plate door trims (standard) Slate grey pleated roof trim with overhead console and matching door trims – includes sleeper trim (optional) Burgundy pleated roof trim with overhead console and matching door trims – includes sleeper trim (optional) Rear wall and 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)
SEATS
<ul style="list-style-type: none">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 luxury air ride seat with upper and lower lumbar support, and fore/aft seat cushion adjustment (optional)

STEERING WHEEL
<ul style="list-style-type: none">Bulldog soft touch rubber grip 457mm (18") diameter (standard) Elite leather grip steering wheel (optional) Adjustable tilt and telescopic steering column
INSTRUMENTS & STANDARD GAUGES
<ul style="list-style-type: none">Driver information display: Co-Pilot Speedometer/odometer (electronic) Tachometer/hourmeter (electronic) Voltmeter, engine hours, distance, trip recording Engine coolant temperature, fuel/urea level Primary and secondary air pressure Oil pressure and oil temperature
FULL GAUGE PACKAGE INCLUDES
<ul style="list-style-type: none">Manifold pressure, transmission temperature, exhaust temperature, brake application pressure, front and rear drive axle temperature
WINDSCREEN WIPERS
<ul style="list-style-type: none">Electronic variable-speed, intermittent wipers with washer Reservoir mounted under bonnet
AUDIO SYSTEM
<ul style="list-style-type: none">Base Radio/CD player 4 x 20watt (standard) Premium Radio/CD player 4 x 35watt including hands free (opt) iPod connector and USB connector (optional)

PAINT & ACCESSORIES
PAINT TYPE AND COLOUR
<ul style="list-style-type: none">Cab/sleeper: Single non-metallic cab colour PPG – Mack White and Mack Black Chassis: Single non-metallic chassis colour Alternative metallic and non-metallic colours (NSV only) Epoxy Mine specification primer (NSV only)
COMMUNICATIONS
<ul style="list-style-type: none">GME TX835 CB radio (optional) GME TX4400 UHF radio (optional) NSV with <i>m</i>DRIVE
CLIMATE CONTROL
<ul style="list-style-type: none">HVAC integral cab air conditioner/heater Electronic controls Replaceable dust intrusion filter
COURTESY LAMPS
<ul style="list-style-type: none">Drivers/Passengers door entry lighting
SAFETY & WARNING
<ul style="list-style-type: none">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
<ul style="list-style-type: none">20 tonne bottle jack (optional) Wheel lug wrench kit (standard)
CAB EXTERIOR
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Hella integral light/indicator unit with polycarbonate protective moulding
MARKER & TAIL LAMPS
<ul style="list-style-type: none">5 roof-mounted amber lights and 3 in 1 tail lamp (standard) LED roof clearance and tail lamps (optional)
REVERSING ALARM
<ul style="list-style-type: none">Chassis mounted back up alarm (optional)
REVOLVING ROOF BEACON
<ul style="list-style-type: none">Single amber revolving roof beacon (optional) Double amber revolving roof beacons (optional) Double amber revolving beacons air intake mounted (optional)
HOOK UP LAMP
<ul style="list-style-type: none">Rear of cab mounted hook up lamp (optional)
HORNS
<ul style="list-style-type: none">2 x roof mounted, air horn trumpets 2 x under bonnet mounted, electric
MIRRORS
<ul style="list-style-type: none">Heated 'West Coast' mirrors with stainless steel arms (standard) LH and RH power mirrors (optional) LH and RH 7" spotter mirrors (standard) LH down mirror (optional)
WINDSCREEN STONE GUARD
<ul style="list-style-type: none">Matt black mesh windscreen stone guard (optional)

ACCESSORIES
<ul style="list-style-type: none">Many factory fitted accessories which are not listed, are also available All customers are encouraged to see their Authorised Dealer for full details