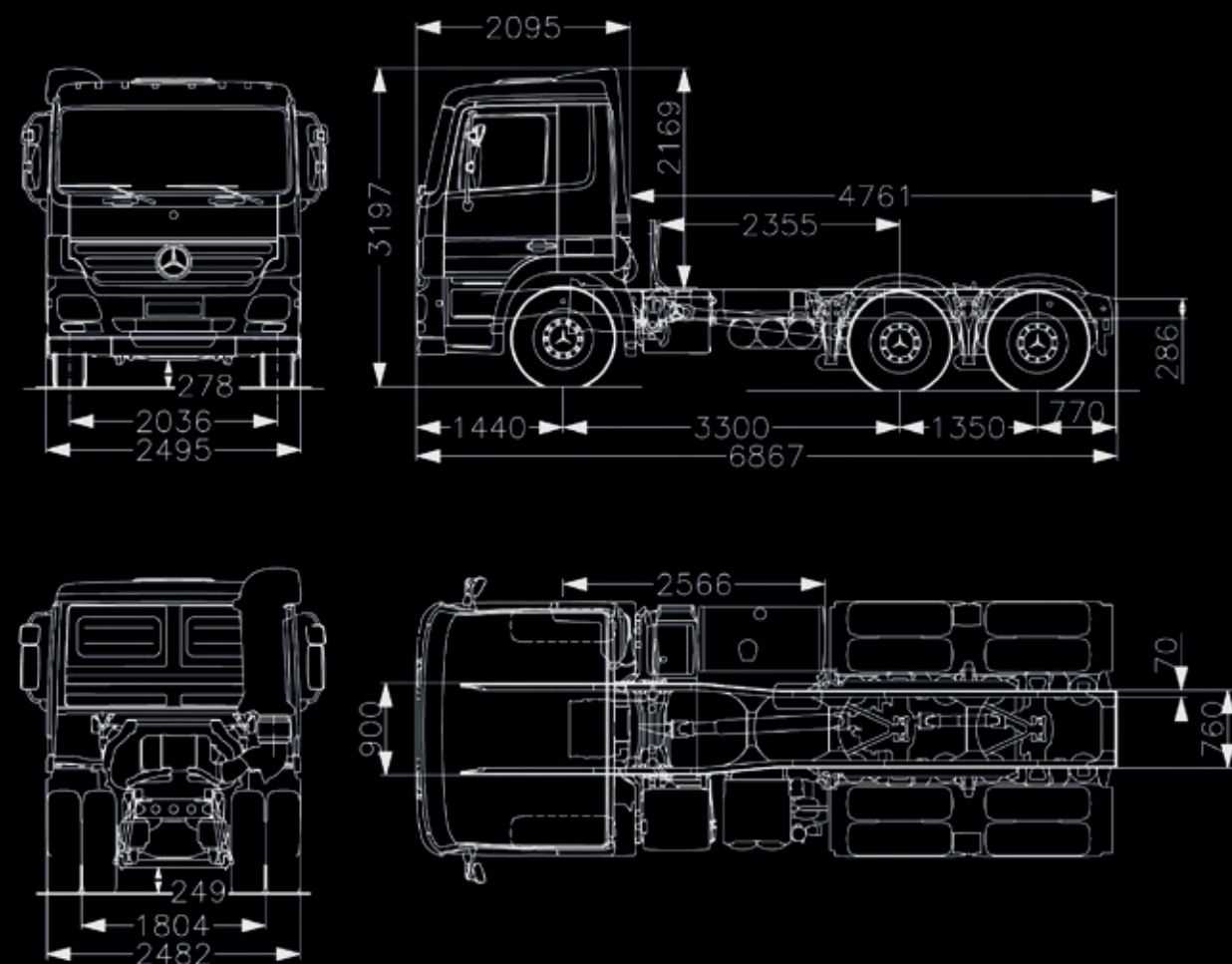




Model shown for illustrative purpose only.
Some accessories depicted are non-standard.

Actros

2648 LS – 6x4 Prime-mover Specifications

Note: drawings are general arrangement drawings only.
Contact your authorised Dealer for details if required.

Authorised Dealer

To speak to your nearest authorised Mercedes-Benz Dealer about the new Actros call **0800 628 782**.

Specifications and information referred to herein were correct at the time of publication. Some of the equipment depicted either on vehicle illustrations or separately may be non-standard or optional at extra cost. Mercedes-Benz New Zealand Ltd. reserves the right to discontinue or modify any vehicle or optional equipment at any time without prior notice to meet any requirement of a manufacturing or commercial nature which it may deem appropriate. Consult your authorised Mercedes-Benz Dealer for the latest details on specifications, options, prices and availability.

Mercedes-Benz New Zealand Ltd.

9 Pacific Rise, Mt Wellington, Private Bag 14907, Panmure, Auckland 1741. Telephone: (09) 573 0192. Facsimile: (09) 573 5990. www.mercedes-benz.co.nz

The  and the words Mercedes-Benz are registered trademarks of Daimler AG, Germany.

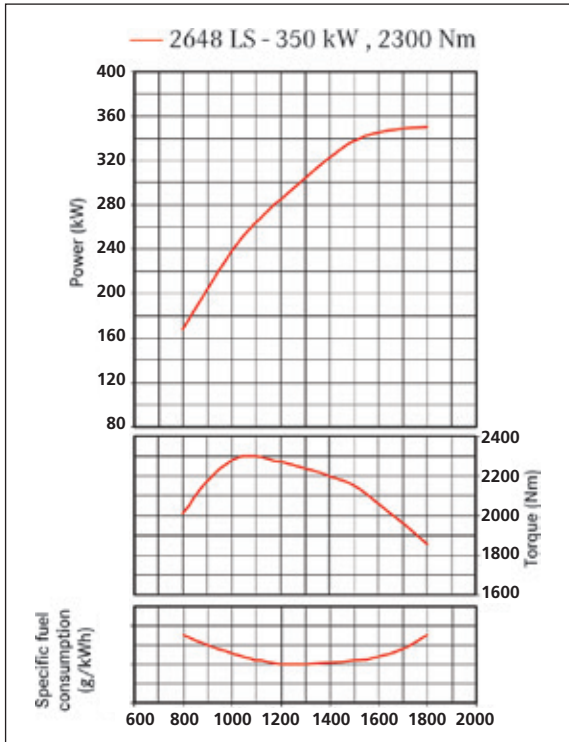


Mercedes-Benz
Trucks you can trust

Actros 2648 LS 6x4 Prime-mover Specifications

Engine

Type	Mercedes-Benz OM 501 LA 11.9 litre V6 turbocharged with intercooling Four-stroke diesel with direct injection Telligent® engine management
Maximum Power	350 kW (476 hp) @ 1,800 rpm
Maximum Torque	2,300 Nm (1696 lb.ft) @ 1,080 rpm
Emission Level	Euro 5



Clutch

Type	Self-adjusting single dry plate
Operation	Electro-pneumatic
Diameter	430 mm • Heavy duty dual plate - 2 x 400 mm

Transmission

Type	Mercedes PowerShift G330-12/11.63-0.77 12 speed constant-mesh automated merechanical transmission • Mercedes PowerShift G280-16 speed
------	---

Power Take-offs

Options	• Transmission countershaft PTOs Flange drive and pump mount • Rear of engine live-drive PTOs Flange drive and pump mount • Transmission-independent PTOs Flange drive • Programmable Body Builder Module (PMS) for PTO interface with Telligent® systems
---------	---

Telligent® Maintenance System

Function	Electronic monitoring system networked with important vehicle sub-systems. Continuously records all relevant operating conditions and monitors wear
Benefits	Permanent monitoring enhances vehicle safety Application-oriented maintenance intervals Easier maintenance checks

Cab

Type	Mercedes-Benz M (medium) cab • M cab with one bed • S (short) cab • L (long) cab sleeper with high roof and one or two beds • L cab sleeper with low roof and one or two beds • MegaSpace cab sleeper with one or two beds Roof mounted air fairing with cab side extenders Complies to European Safety Standard ECE R 29 Non-flammable and non-splintering energy-absorbing interior trim Driver's airbag and seatbelt pre-tensioner
Safety	3 wide, non-slip, offset steps 90° door opening Long handrails on both sides of door opening Access steps illuminated by entrance lights
Cab Access	
Seating	Driver Fully adjustable air-suspended Grammer seat with headrest Integrated seatbelt with retractor Adjustable air lumbar and side contour support Passenger Static fold-up velour seat with integrated headrest Integrated seatbelt with retractor Backrest adjustment • Air-suspended Grammer passenger seat
Mirrors	Electrically adjustable main mirrors Wide-angle spotter mirror on both sides Passenger side down mirror Heated mirrors
Windows	Electric windows • Tinted glass all-round
Heating and Ventilation	Air-conditioning standard Pollen/particle filter Air-controlled HVAC system with 4-speed blower fan 13 windscreen demister vents, 2 adjustable central vents, spherical vents in doors and lower footwell vents, Steel roof hatch with 2 opening positions

Instruments and Controls

Driver Information and Operating System displays	Engine oil level, pressure and temperature Coolant level and temperature Engine operating hours, Odometer Trip computer: distance covered,
--	---

	time elapsed, average speed, average fuel consumption Outside temperature Gear selection indicator Status indicator Differential lock display Event messages Fault location Fuel/AdBlue levels Horn, windscreen wipers and washer, headlight main, beam/dip/flash, turn indicators Left Hand Stalk Right Hand Stalk Combined engine brake/cruise control and speed limiter Steering Wheel Driver Information Operating System and audio control Radio and CB Radio/CD player with Bluetooth Provision for CB radio including aerial Provision for telephone/fax
--	--

Axles

Front	Mercedes-Benz VL4 – 7,500 kg capacity
Rear	Mercedes-Benz H6 hypoid – 2 x 10,000 kg capacity, 440mm crown wheel • Mercedes-Benz H7 hub reduction – 2 x 13,000 kg capacity • 233 mm crown wheel (with H7) • 300 mm crown wheel (with H7) Differential locks standard
Ratio	3.583 : 1 (with H6) 3.714 : 1 (with H7) 3.431 : 1 (with H7) 3.308 : 1 (with H6)

Brakes

Service	Telligent® brake system Disc brakes 430 mm diameter Dual brake circuits Automatic adjustment, Air dryer Load-sensing brakes
Secondary/Parking	Progressive spring loaded rear brake
ABS	ABS (anti-lock brakes) standard
Traction Control	ASR traction control standard
Roll-back Prevention	Roll-back prevention standard for moving off on inclines
Engine Brake Retarder	Active Engine Brake (AEB) Voith R115 hydraulic - transmission mounted • Safety package: Includes Active Brake Assist, Telligent Proximity Control & Telligent Lane Assistant

Suspension

Front Axle	Mercedes-Benz 3 leaf parabolic springs Stabiliser bar and shock absorbers 7,100 kg capacity
Rear Axle	Mercedes-Benz 8 bag air suspension Stabiliser bars and shock absorbers 2 x 10,000 kg capacity + 180 mm, - 80 mm adjustment with driver key pad

Steering

Type	Mercedes-Benz LS8 recirculating ball Integral power assistance
Steering Wheel	Soft-feel 450 mm steering wheel Fully adjustable, Telescopic and rake
Turning Circle	16.0 m wall to wall – 3,300 mm wheelbase, 48° inner wheel cut

Wheels and Tyres

Wheels	10-stud 8.25 x 22.5 Alcoa aluminium wheels (x10)
Tyres	Steer 275/70 R 22.5 (x2) Drive 275/70 R 22.5 (x8)

Chassis

Main Rail	286 mm web x 70 mm flange x 8.0 mm thickness High strength E 500 TM steel Rear rail width 760 mm Longitudinal members 50 mm hole pattern Front Underrun Protection Device(FUPD) • Steel front bumper (Not with FUPD)
Trailer Equipment	Trailer brakes with hand control standard Air and electrical lines behind cab Anti-skid steps and walk-plate for rear-of-cab access
Standard Wheelbase	3,300 mm (3,975 mm mean)

Fuel Tanks

Capacity	1 x 400 litre rectangular aluminium tank on RHS • 1 x 550 litre aluminium tank on RHS
AdBlue Tank	1 x 85 litre rectangular plastic tank on RHS

Electrical System

Voltage	24 volts
Batteries	2 x 12 V/165 Ah
Alternator	28 V/80 A
Starter	6.2 kW/24 V
Road lights	Halogen headlights Daytime running lights Halogen fog lights Illuminated Mercedes-Benz star in grille
Fuses	Automatic fuses

Tare Weights

Tare weights for standard cab/chassis with all fluids excluding fuel, tools and spare wheel. Approximate and subject to variation of ± 3 %. Dependent on vehicle specification	
	M (medium) cab
Front	4,770 kg
Rear	3,240 kg
Total	8,010 kg

Maximum Weights

GVM	26,000 kg
GCM	55,000 kg • 70,000 kg with 300 mm crown wheels and dual plate clutch

• OPTIONAL EQUIPMENT

