



500

FG 1527 Six



4 x 2 Cab Chassis

KEY FEATURES

- ABS Brakes
- Easy Start – Take-off Assist
- Crew Cab Option

KEY SPECIFICATIONS

- GVM.** 15,500kg
- GCM.** 24,000kg
- Power** 193kW (263 PS) @ 2500rpm
- Torque.** 794Nm @ 1500rpm
- Transmission** Six-speed synchromesh
- Wheelbase**4280mm, 5530mm





FG 1527 Six

FG8JJKB-QGN Medium
 FG8JPKB-QGN XX Long
 FG8JPKB-QGN Crew

Engine & Driveline specifications

ENGINE

Model	HINO J08E TB
Max. output (ISO NET)	190kW (258 PS) at 2500rpm
(JIS GROSS)	193kW (263 PS) at 2500rpm
Max. torque (ISO NET)	794Nm (81kgf/m) at 1500rpm
(JIS GROSS)	794Nm (81kgf/m) at 1500rpm
Max. engine speed	2550rpm
Engine compliance	US04 Compliant
Type	Diesel, turbocharged & intercooled, six-cylinder in-line, overhead camshaft & water-cooled
Combustion system	Direct injection with EGR
Bore & stroke	112 x 130mm
Piston displacement	7.684L
Compression ratio	18.5:1
Engine oil capacity	13.5L
Coolant capacity	21.0L
Fuel injection pump	Electronic control common-rail type
Intake system	Stack type air intake
Air cleaner	Dual paper elements
Air compressor type	Single cylinder, water-cooled
	Bore & stroke 85 x 40mm
Fan clutch	Equipped
Exhaust	Horizontal outlet

CLUTCH

Model	CS-380 series
Type	Dry single plate with damper springs
Facing material	Semi mold
Facing outside diameter	380mm
Control	Hydraulic with air booster

TRANSMISSION & GEAR RATIOS

Model	MFO6S
Type	Six forward & one reverse speeds, direct drive, synchromesh on 2nd to 6th
Control	Mechanical control with power shift

1st	.8.189	5th	.1.341
2nd	.5.086	6th	.1.000
3rd	.3.076	Rev.	.7.142
4th	.1.936		

PERFORMANCE

Calculations based on 15.5 ton GVM, F&R 275/70R22.5

	Medium	XX Long
Max. theoretical speed (km/h)	105	112
Gradeability tan θ (%)	38.8	35.6

BRAKES

Type	Full air, dual circuit, "S" cam type, leading & trailing shoes for front and rear
Drum diameter x lining	
Width	Front: 406.4 x 127mm Rear: 406.4 x 203mm
Air dryer	Equipped
ABS	Equipped
Parking brake type	Spring brake, acting on rear wheels
Exhaust brake type	Electric-pneumatic with valve in exhaust pipe

AXLE SPECIFICATIONS

Front axle	6500kg
Rear axle	10,000kg
Front axle type	MF671 series, Reversed Elliot, I-Beam
Rear axle type	SH16 full-floating, single reduction, single-speed hypoid
Rear axle gear ratio	4.300:1

SUSPENSION

Front suspension Type	Semi-elliptic tapered leaf springs with shock absorbers
Size	1470 span x 80mm width
Rear suspension Type	Semi-elliptic main & auxiliary leaf springs
Size	
Main springs	1400 span x 90mm width
Auxiliary springs	1000 span x 90mm width

WHEELS & TYRES

Wheel type	10-stud disc wheel (ISO type)
Rim size	8.25 x 22.5 – 165-12mm
Tyre size	275/70 22.5 – 148/145
Number of tyres	Seven (including 1 spare)

FUEL TANK

Capacity	200L
Fuel pre-filter & sedimenter	Equipped
Fuel tank cap key	Equipped



FG 1527 Six

Cab, Instrumentation & Chassis

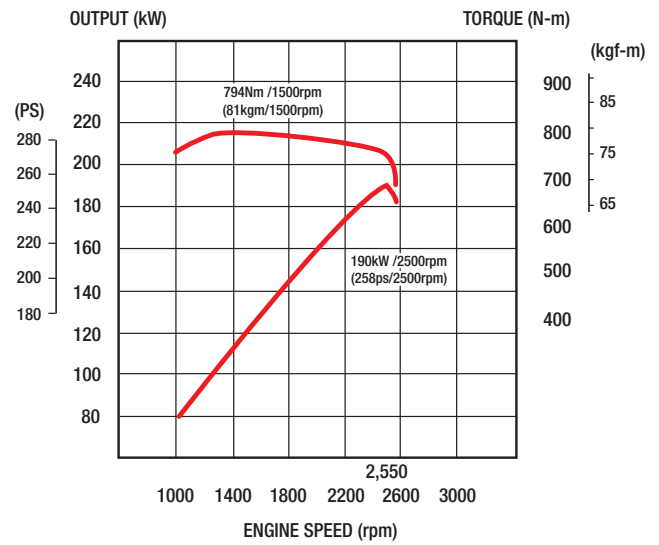
CAB DETAILS

Type	Forward control, all-steel construction with torsion bar tilt mechanism
Seating capacity	Three
Driver's seat	Urethane foam pads, high-back, 4-way adjustable seat with fabric cover & air suspension
Side passenger's seat	Urethane foam pads, high-back & reclining seat with fabric cover & under-tray
Centre passenger's seat	Urethane foam pads & foldaway type with seat back tray, fabric cover
Seat belt	3-point type on driver's & side passenger's seat, 2-point type on centre passenger's seat
Sun visor and overhead console	For driver & passenger sides
Windshield wipers	Electric, dual, intermittent & 2-speed
Ventilator	Forced type by electric blower
Rear view mirrors	Inside: One, flat type Outside: Heated Two flat type, two convex spotters
Cigarette lighter 24V	Equipped
Floor mat	Vinyl type
Front air spoiler	Equipped
Central locking	Equipped
Heater and defroster	Standard
Air conditioner	Standard
Trim	Full trim type (side, roof & back)
Cab pockets	Equipped on both door sides
Power windows	Equipped
Rest area	Equipped
Car audio	AM/FM radio with CD player
Speakers	Driver's & passenger sides
Foot rest	Equipped
Easy Start	Equipped
Engine control link	Equipped
Speed limiter	On application
Cup holder	Equipped

ELECTRICAL

Type	24V, negative earth
Batteries	2 x 12V, series-connection. Capacity 120Ah at 20-hour rate
Alternator type	Brushless with built-in rectifier & voltage regulator
Capacity	24V, 60A
Starter type	24V, 4.5W
Headlamps	Semi-sealed beam, halogen type 2-head lamps
High/low beam	Equipped
Fluorescent reading lamp	Equipped
Electric horn	Equipped

POWER & TORQUE CHART (ISO Net)



INSTRUMENTS

- Meters & gauges**
 - Speedometer with trip meter
 - Odometer
 - Tachometer
 - Fuel gauge
 - Coolant temperature gauge
 - Air pressure gauge
- Switches**
 - One-key starting-stopping
 - Lighting
 - Directional indicator, dimmer & passing
 - Wiper and washer
 - Hazard lamp
 - Exhaust brake
 - Map lamp
 - Fog lamp
- Warning, pilot lamps & buzzers**
 - Oil pressure warning lamp & buzzer
 - Air pressure warning lamp & buzzer
 - Engine over-run warning buzzer
 - Coolant level warning lamp & buzzer
 - High beam indicator lamp
 - Turn signal indicator lamp
 - Parking brake indicator lamp
 - Seat belt warning lamp & buzzer
 - Exhaust brake indicator lamp
 - Engine control system warning lamp
 - Hazard indicator lamp
 - Back-up warning buzzer
- Others**
 - Idle up control knob
 - Horn button
 - 12V electric source (harness type)

STEERING

Type	Telescopic and tilt steering column with locking device. Recirculating ball with Integral Power Steering
Gear ratio	20.2:1

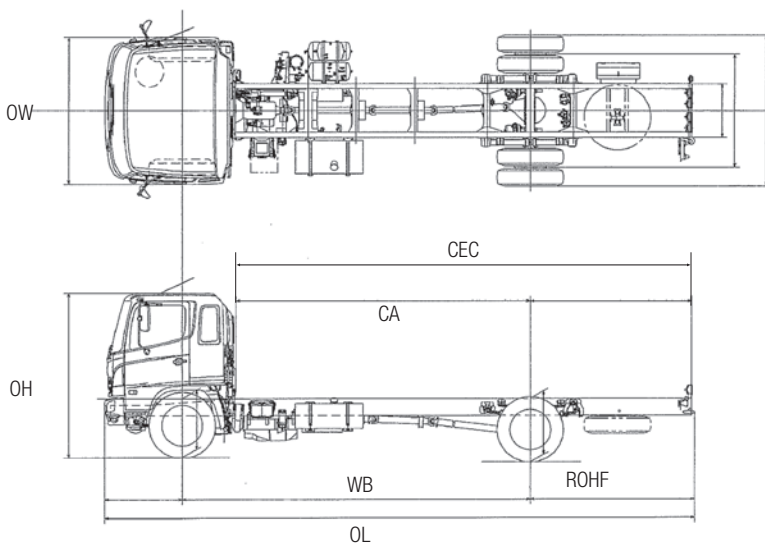
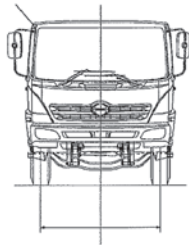
CHASSIS FRAME

Type	Ladder-shaped channel-section side rails
Rear chassis width	870mm
Max. section (depth x flange x thickness)	
Main	269 x 85 x 7.5mm (Medium), 270 x 85 x 8.0mm (XX Long)
Tensile strength	540N/mm ² {55kgf/mm ² }
Hooks	Equipped for front & rear



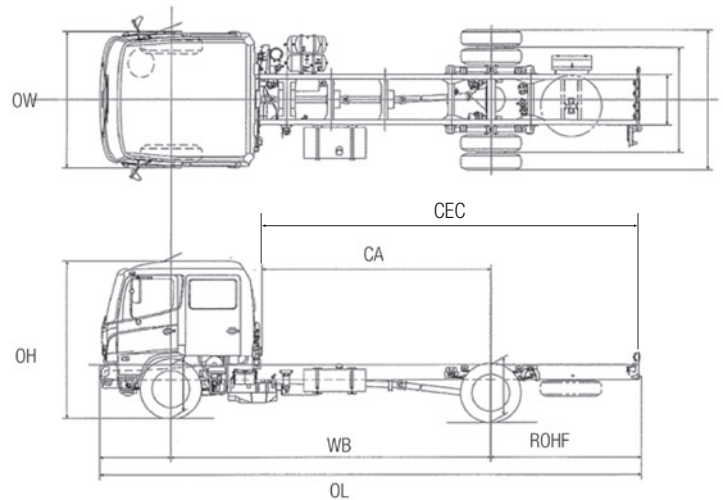
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FG 1527 Six Dimensions



DIMENSIONS - mm / Capacities

Model	Hino FG 1527 Six	Medium	XX Long	Long
Production code	.FG8JJKB Six	.FG8JPKB Six	.Crew	
Wheelbase (WB)	4280	5530	5530	
Overall length (OL)	7520	9360	9360	
Overall width (OW)	2335	2335	2335	
Overall height (OH)	2605	2650	2710	
Cab to rear axle centre (CA)	3455	4705	3955	
Rear overhang (at frame end) (ROHF)	1910	2550	2550	
Back of Cab to End of Chassis (CEC)	5365	7255	6505	
Front chassis height (HF)	915	915	915	
Rear chassis height (HR)	980	980	980	
Road clearance (at diff. case) (RC)	210	210	210	
Front track (FT)	1925	1925	1925	
Rear track (RT)	1840	1840	1840	
Turning circle kerb to kerb	15,000	19,000	19,000	
Turning circle wall to wall	16,450	20,450	20,450	
Chassis mass kg - (with 50 litres of fuel, all seats occupied, standard tools but without spare tyre)				
Total	4795	4995	5225	
Front	2845	2930	3130	
Rear	1980	2065	2105	
GVM	15,500	15,500	15,500	
GCM	24,000	24,000	24,000	



WARRANTY

New vehicle warranty period - Refer to Hino Truck Warranty for detailed information.

Medium Duty Model	500 FG 1527 Six
Cab & Chassis	* 24 months or 150,000km
Engine & Powerlines	* 36 months or 200,000km

* whichever occurs first.



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