



500

FM 2627



6 x 4 Cab Chassis

KEY FEATURES

- Cruise Control
- ABS Brakes
- Six Rod Rear Suspension

KEY SPECIFICATIONS

GVM	26,000kg
GCM	34,000kg
Power	190kW (263 PS) @ 2500rpm
Torque	794Nm @ 1500rpm
Transmission	Ten-speed
Wheelbase	4240mm





FM 2627

FM8JLKM-UGN Medium Spring

Engine & Driveline specifications

ENGINE

Model	HINO J08E TB
Max. output (ISO Net)	190kW (258 PS) at 2500rpm
(JIS GROSS)	193kW (263 PS) at 2550rpm
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	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	Cera-metallic
Facing outside diameter	380mm
Control	Hydraulic with air booster

TRANSMISSION & GEAR RATIOS

Model	EATON RT8908LL
Type	Ten forward and three reverse speeds, Direct drive, Constantmesh 1st - 10th
Control	Mechanical control

1st	19.577	8th	1.829
2nd	12.668	9th	1.344
3rd	8.390	10th	1.000
4th	6.229	Rev.	13.210
5th	4.578	Rev	13.243
6th	3.404	Rev	3.889
7th	2.464		

PERFORMANCE

Calculations based on 26.0 ton GVM, 11R22.5-148/145 tyre	
Max theoretical speed (km/h)	93
Gradeability tan θ (%) @ GVM	60

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 152mm Rear: 406.4 x 216mm
Air dryer	Equipped
Parking brake	Spring brake, acting on FA & FR axles
Exhaust brake	Electric-pneumatic with valve in exhaust pipe

AXLE SPECIFICATIONS

Axle load limit	Front axle	6500kg
	Rear axle	20,000kg
Front axle type	MF671 series, Reversed Elliot, I-Beam	
Rear axle type	THD17 full-floating single reduction, single-speed hypoid, Tandem Drive	
Rear axle gear ratio	5.250:1	

SUSPENSION

Front suspension Type	Semi-elliptic tapered leaf springs with shock absorbers
Size	1470 span x 80mm width
Rear suspension Type	Semi-elliptic leaf springs with torque rods
Size	1300 span x 90mm width

WHEELS & TYRES

Wheel type	10-stud disc wheel (ISO type) 335 PCD
Rim size	8.25 x 22.5 - 165-12mm
Tyre size	11R22.5-148/145
Number of tyres	10
Spare tyre carrier	Equipped

FUEL TANK

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



FM 2627

Cab, Instrumentation & Chassis

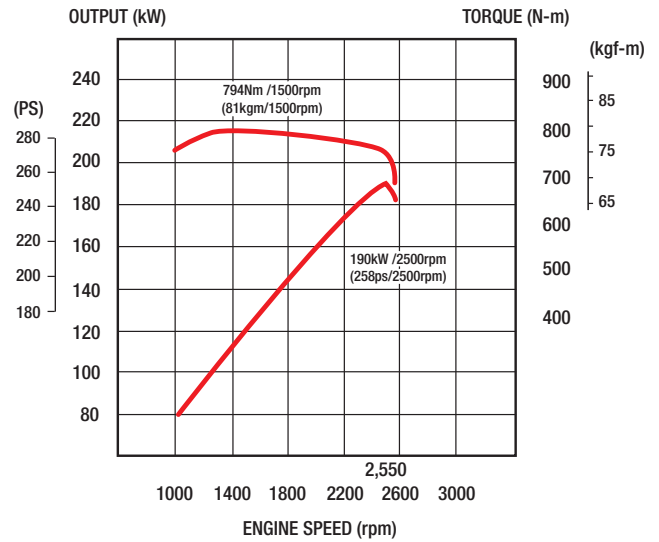
CAB DETAILS

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 & passenger sides
Foot rest	Equipped
Engine control link	Equipped
Speed limiter	Optional
Cup holder	Equipped

ELECTRICAL

Type	24V, negative earth
Batteries	12V x 2, series connection. Capacity 120Ah at 20-hour rate
Alternator type	Brushless with built-in rectifier & voltage regulator. Capacity 24V, 60A
Starter type	24V, 4.5kW
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 & 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

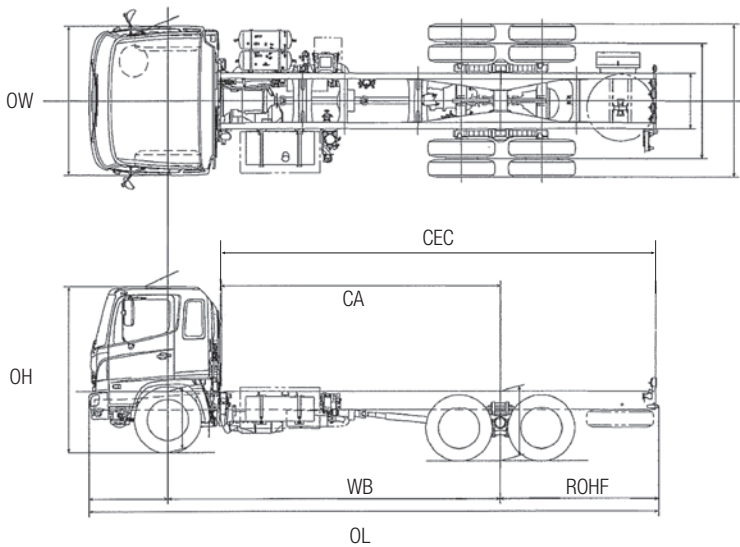
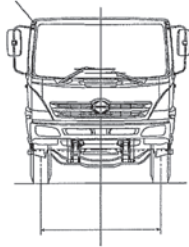
CHASSIS FRAME

Type	Ladder-shaped channel-section side rails
Rear chassis width	870mm
Max. section (depth x flange x thickness)	Main: 298 x 90 x 7.0mm Inner: 284 x 77 x 3.2mm
Tensile strength	540N/mm ² {55 kgf/mm ² }
Hooks	Equipped for front and rear
Chassis step	Equipped



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FM 2627 Dimensions



DIMENSIONS - mm / Capacities

Model	HINO 2627
Production code	FM8JLKM
Wheelbase (WB)	4240
Overall length (OL)	7450
Overall width (OW)	2465
Overall height (OH)	2670
Cab to rear axle centre (CA)	3435
Rear overhang (at frame end) (ROHF)	1265
Back of Cab to End of Chassis	5350
Front chassis height (HF)	1035
Rear chassis height (HR)	1070
Road clearance (at diff. case) (RC)	225
Front track (FT)	1925
Rear track (RT)	1860
Turning circle kerb to kerb	17,000
Turning circle wall to wall	18,450
Chassis mass – kg (with 50 litres of fuel, all seats occupied, standard tools but without spare tyre)	
Total	6870
Front	3760
Rear	3110
GVM	26,000
GCM	34,000

WARRANTY

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

Medium Duty Model	FM 2627
Cab & Chassis Components	* 24 months or 150,000km
Engine & Powerlines	* 36 months or 200,000km

* whichever occurs first.



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