

CHASSIS SPECIFICATIONS

Model **FG8JGLT - PM**
(Right-hand drive) Truck Chassis
GCW 35,000 Kgs.

GEAR RATIOS & PERFORMANCE

Drive	4x2
Control	Forward
Max. speed (km/h)	94
Max. Grade ability (tanθ)% @ rated GCW.	17.9
Transmission gear ratios & speeds	MF06S Ratios
	1 st 8.189
	2 nd 5.340
	3 rd 3.076
	4 th 1.936
	5 th 1.341
	6 th 1.000
	Rev. 7.142
Rear axle ratio SH17	5.857

ENGINE

Model Hino J08E (**EURO II**)
Type Diesel, Turbo Charged and Intercooled, 4-stroke, 6-cylinder, Vertical, in-line, overhead Camshaft, water cooled, direct injection type.

Max. Output 240 PS @ 2,500 rpm
Max. Torque 74.0 kgf.m @ 1,500 rpm
Displacement 7.684 L
Cold start device Equipped

CLUTCH Dry single plate with damper springs, hydraulic control with air booster.

Clutch Dia. 380 mm.

TRANSMISSION Six forward speeds one reverse, direct drive, synchromesh 2nd ~ 6th. Mechanical control with power shift.

REAR AXLE Full-floating, single reduction, single speed by hypoid gears.

Axle capacity 12,000 kg.

FRONT AXLE Reverse Elliot "I" section beam.

Axle capacity 6,000 kg.

SERVICE BRAKE Full air, S-cam, leading and trailing shoes. Dual circuit with ABS system.

PARKING BRAKE Equipped.

EXHAUST BRAKE Electro -pneumatic.

STEERING Telescopic and tilt steering column with Recirculating ball. Integral power steering.

SUSPENSION

Front Semi-elliptic leaf springs with shock absorbers.

Rear Semi-elliptic main & auxiliary leaf springs.

WHEEL AND TIRE

Tire Size 10.00-20-16PR
Wheel Type 10-studs disc wheels (ISO type)
Disc size 7.5T× 20 – offset 162 mm
No. of tires 7 (including one spare tire)

FUEL TANK

Capacity 400 liters

CHASSIS FRAME Ladder-shaped "I" section.

CAB

All steel welded construction with torsion bar tilt mechanism. Reinforced cab with additional Safety door impact beams in doors. Seat belts & Individual windshield washers. Metallic paint on cabin

Seating capacity Three

ELECTRICAL EQUIPMENT:

Batteries Two, series connection, each 12V, 120 AH at 20-hour rate.

Alternator 24V, 60A

DIMENSIONS AND WEIGHTS (Chassis only) approx.

Wheelbase		mm	3,780
Weight	Total	kg	5,060
	Front	kg	2,150
	Rear	kg	2,910
Overall length		mm	5,925
Overall width		mm	2,440
Overall height		mm	2,645
Overhang	Front	mm	1,235
	Rear	mm	910
Turning radius (on tire)		mm	6,700
Road clearance (at diff.case)		mm	255
Max.load on 5 th wheel at 500 mm offset.			9,000

IMPORTANT:

- 1-The vehicle mass may vary when optional equipment & items are fitted.
- 2-All specifications are with normal manufacturing allowances and tolerances.
- 3-Hinopak Motors Ltd. reserves the right to alter this specification without prior notice.