

CHASSIS SPECIFICATIONS

Model **FG8JDKT -GGP**
(Right-hand drive) Prime Mover Chassis
GCW 35,000 Kgs.

GEAR RATIOS & PERFORMANCE

Drive	4x2	
Control	Forward	
Max. speed (Km/hour)	93	
Max. Gradeability (tanθ)%	17.4%	
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-UG (**EURO II**)
Type Diesel, Turbo Charged and Intercooled, 4-stroke, 6-cylinder, Vertical, in-line, overhead Camshaft, Water cooled, direct injection type

Max. Output 235 PS @ 2,500 rpm
Max. Torque 72.0 kgf.m @ 1,500 rpm
Displacement 7.684 L

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 gearing.

Axle capacity 12,000 kg.

FRONT AXLE Reverse Elliot "I" section beam.
Axle capacity 6,000 kg.

SERVICE BRAKE Air-over-hydraulic, dual circuits with air dryer, with two leading and trailing shoes for front and rear acting on all wheels.

PARKING BRAKE Mechanical, internal expanding, acting on transmission output shaft.

EXHAUST BRAKE Electro-pneumatic.

STEERING Telescopic and tilt steering column with locking device. Recirculating ball with hydraulic booster, Integral type.

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 8-stud disc wheels (JIS type)
Disc size 7.50 x 20 – offset 165 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	3,200
Weight	Total	kg	4,945
	Front	kg	2,890
	Rear	kg	2,055
Overall length		mm	5,315
Overall width		mm	2,445
Overall height		mm	2,630
Overhang	Front	mm	1,235
	Rear	mm	880
Road clearance (at differential case)		mm	260
Max Load on 5th wheel at 500mm		Kg	9,000

IMPORTANT

The vehicle mass may vary when optional equipment & items are fitted.

All specifications are with normal manufacturing allowances and tolerances.

Hinopak Motors Ltd. reserves the right to alter this specification without notice.