

CHASSIS SPECIFICATIONS

Model **FL8JRLA - Truck**
(Right-hand drive) Truck Chassis
GVW: 27,500 Kgs.

GEAR RATIOS & PERFORMANCE

Drive	6X2	
Control	Forward	
Max. speed (km/h)	108	
Max. Grade ability (tanθ) % @ rated GVW.	20.1 %	
Transmission gear ratios & speeds		MF06S
	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 SH 17	5.250	

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 & one reverse Speeds, direct drive, Synchronesh 2nd ~ 6th, with Mechanical control with power shift.

REAR AXLE Full floating single reduction, single speed by hypoid gearings.

Axle capacity 22,000 kg.

FRONT AXLE Reverse Elliot "I" section beam.

Axle capacity 6,500 kg.

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

PARKING BRAKE Air operated spring brake acting on rear wheels, for emergency and parking purpose.

EXHAUST BRAKE Electro-pneumatic

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

SUSPENSION

Front Semi-elliptic reinforced leaf springs with shock absorbers.
Rear Semi-elliptic main and auxiliary leaf springs.

WHEEL AND TIRE

Tire Size 11.00-20-16PR.
Wheel Type 10-stud disc wheels (ISO type)
Disc size 7.50Vx 20 – offset 165mm
No. of tires 11 (including one spare tire)

FUEL TANK:

Capacity 400 litres

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	4,600+1,350
Weight	Total	kg	6,790
	Front	kg	3,030
	Rear	kg	3,760
Overall length		mm	9,045
Overall width		mm	2,480
Overall height		mm	2,695
Cab to axle		mm	4,445
Overhang	Front	mm	1,205
	Rear	mm	1,890
Turning radius (on tire)		mm	9,800
Road clearance(at.diff.case)		mm	270

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 notice.