

CHASSIS SPECIFICATIONS

Model **FM2PKPA-ZGP**

(Right-hand drive) Prime Mover Chassis
GCW 58,500 Kgs.

GEAR RATIOS & PERFORMANCE

Drive	6X4	
Control	Forward	
Max. speed (Km/hour)	106	
Max. Gradeability (tanθ) %	21	
Transmission gear ratios & speeds		M009 Ratios
	1 st	10.178
	2 nd	6.986
	3 rd	5.063
	4 th	3.636
	5 th	2.633
	6 th	1.921
	7 th	1.392
	8 th	1.000
	9 th	0.724
Rev.	9.874	
Rear axle ratio THD17		5.857

ENGINE

Model Hino P11C-UB (**EURO II**)
Type Diesel, Turbo Charged and Intercooled, 4-cycle, 6-cylinder, Vertical, in-line, overhead valve, Water cooled, direct Injection type.

Max. output 320PS @ 2,150 rpm
Max. torque 115 kgf.m @ 1,500 rpm
Displacement 10.520 L

CLUTCH Dry single plate with damper springs, hydraulic control with air booster.
Clutch Dia. 430 mm.

TRANSMISSION Nine forward & one reverse Speeds, overdrive, Synchronesh 2nd ~ 9th, with Mechanical Control.

REAR AXLE Tandem axle, dual drive with inter axle differential, 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, dual circuits, "S" cam type, leading & trailing shoes for front and rear. Equipped with Anti-lock Braking System (ABS).

PARKING BRAKE Spring brake, acting on rear wheels.

EXHAUST BRAKE Electro-pneumatic with valve in exhaust pipe

TRAILER EQUIPMENTS

Brake connection 2-line, service and emergency, SAE glab-hand
Electric connection SAE 7 conductors and ABS cable
Trailer hand brake Equipped

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

SUSPENSION

Front Semi-elliptic multi leaf springs with shock absorbers.
Rear Semi-elliptic reinforced multi leaf spring Leaf spring.

WHEEL AND TIRE

Tire Size 11.00-20-16PR.
Wheel Type 10-stud disc wheels (ISO type)
Disc size 7.50 x 20 – offset 165mm
No. of tires 11 (Including Spare Wheel)

FUEL TANK:

Capacity 400 litres

CHASSIS FRAME Ladder-shaped "I" section.

ELECTRICAL EQUIPMENT:

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

Alternator 24V, 50A

DIMENSIONS AND WEIGHTS (Chassis only) approx.

Wheelbase		mm	3,380+1,300
Weight	Total	Kg	7,715
	Front	Kg	3,655
	Rear	Kg	4,060
Overall length		mm	6,615
Overall width		mm	2,485
Overall height		mm	2,845
Overhang	Front	mm	1,255
	Rear	mm	680
Road clearance (at differential case)		mm	265
Turning radius on tire		mm	8,100
Max. Load on 5 th Wheel at 330mm offset		Kg	20,000

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.