

HINO AK8J BUS CHASSIS

Chassis Specification

Model: AK8J (Right-hand drive, 4x2) Bus Chassis

GVW: 14,000 Kgs.

Engine Details:

Engine Model Hino J08E-UH (EURO II)

Diesel, turbo charged and intercooled,

Type: 4-stroke, 6-cylinder, vertical, in-line, overhead camshaft, water cooled, direct Injection type.

Max. output: 215PS @ 2,500 rpm

Max. torque: 62.0 kgf.m @1,500 rpm

Displacement: 7.684 L

Clutch:

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

Clutch size: 350mm

Service Brake:

Air-over-hydraulic, dual circuits leading & trailing shoes for front and rear.

Suspension:

Front & Rear: Semi-elliptic leaf springs with double acting shock absorbers and stabilizer.

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.



Transmission:

Six forward & one reverse speed, direct drive, synchromesh 2nd ~ 6th, with mechanical control.

Rear axle ratio - 5.125

STEERING:

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

WHEEL AND TIRE:

Tire Size: 10.00-20-16PR.

Wheel Type: 8-stud disc wheels

Disc size: 7.50× 20

No. of tires: 7 (including one spare tire)

Chassis Dimension:

Wheelbase	mm	5,800
Overall length	mm	11,190
Overall Width	mm	2,420
Road clearance	mm	240
Turning Radius	mm	9,900
Max speed	km/hr	112
Gradeability (tan θ)	%	32.6

Electrical System:

Batteries: 02 Nos. series connection, each 12V, 100AH @ 20-hour rate.

Alternator: 24V , 60A

Fuel Tank 200L