

HINO SUPERLINER BUS

Chassis Specification

Model: AK8J (R.H.D, 4X2) bus chassis
GVW: 14.000 kgs.

Engine Details:

Engine Model: Hino JO8E-UH (EURO II).
Type: Diesel, turbo charged and intercooled, 4- cycle, 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: 350 mm

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 stablizer.

Transmission:

Six forward & one reverse speeds, direct drive, synchromesh 2nd ~ 6th, with mechanical control.
1st - 7.663 & 6th - 1.000
Rear axle ratio - 5.125

Steering:

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

Wheel & Tire:

Size: 10.00-20-16PR.
Wheel Type: 8-stud disc wheels (JIS type)
Disc size: 7.50 x 20
No. of tires: 7 (including one spare tire)

Dimension Chassis:

Dimension \ Chassis	Units	AK8JM	AK8JR
Wheel base	mm	5,000	5,800
Overall length	mm	10,190	11,190
Overall width	mm	2,420	2,420
Road clearance	mm	240	240
Turning Radius	mm	8,600	9,900
Max Speed	km/hr	112	112
Gradeability (tan θ)	%	32.6	32.6

Electrical Equipment:

Batteries: 02 Nos. series connection, each 12V, 100 AH at 20- hour rate.
Alternator: 24V, 60A



Body Specification

Body Super structure

Principal frame work of hollow square and rectangular M.S tubes for structural strength and passenger safety.

Doors:

02 nos. standard folding type manually operated.

Floor:

Ply wood cover with antiskid PVC mat.

Seats:

63 nos. & 53 nos. foam cushioned seats with 2 x 3 configuration.



Shuttle Seats



Voyager Seats

Interior Fittings:

Fabric curtains, driver partition, sun visors, first aid box, ceiling grabrail with 15 nos of hand strap, room light, etc.



Body Paneling

Exterior: M.S sheet

Interior: Fiber glass molded panel with hardboard.

Windscreen & Windows:

- Front and Rear windscreen fitted with safety glasses.
- Aluminum window frame with toughened tinted glasses.

Exterior Fittings:

Front and rear bumper (detachable type).
Route board with lighting arrangement,
tool box, battery compartment and towing hook.

Optional Items:

- Auto passenger door
- Room heaters
- Defogger
- Hat-rack
- Under floor luggage compartment
- Audio system
- Anti wax coating
- Roof luggage carrier
- FRP wheel caps

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.