



Hino RB8

The Chiron bodied Hino RB8 is an ideal vehicle for many bus applications. With its stylish exterior & modern comfortable interior this easily manoeuvrable medium sized bus is both practical and durable. It is an attractive & cost effective asset that is supported by Hino Motor Sales & Service network throughout Australia.



CHIRON
COMMERCIAL VEHICLES

- ◆ Safe, strong & lightweight
- ◆ 24-35 seats
- ◆ Denso MSD8 A/C
- ◆ Separate drivers door
- ◆ Rear boot as standard
- ◆ Underbody Wheelchair lift option

Australian Designed & 100% Australian Owned

HINO RB8 BUS SPECIFICATION

ENGINE

Max output- (JIS Gross) 114KW at 2,900 RPM
Max torque- (JIS Gross) 430NM at 1,700 RPM
Displacement- 4,613 cc
Type- 4 Cyl overhead cam
using electronic controlled common rail system.

Clutch

Type- plate with damper springs
Control- Hydraulic with vacuum booster.

Transmission

Type- H260, 6 speed overdrive.
Ratio- 1st 4.772 5th 0.775
2nd 2.765 6th 0.619
3rd 1.570 Rev 4.545
4th 1.000

Axles

Front axle capacity- 3,100 kg
Rear axle capacity- 6,200kg
Ratio- 6.428 : 1

Brakes

Type- Vacuum / hydraulic ABS
system
Effective area- 2,728 cm²
Park brake- Transmission mounted
Exhaustbrake- electric-vacuum actuated

Suspensions

Front- Tapered leaf
Rear- Tapered leaf

Wheel and Tyre

Rim size- 17.5x 6.00 off set 127 mm
Tyre Size- 225/80R17.5-123/122

Fuel Tank

Capacity- 108 ltr with water trap

DIMENSIONS

Refer to attached drawings

BODYSHELL

The RB8 bus is built with an integrated body shell structure that is safe, strong and as light as reasonably possible. It utilises High Tensile Galvanised steel tubing in combination with rolled and pressed sections to produce a vehicle of exceptional strength and durability. All hollow sections are injected with a corrosion protection coating to inhibit rust formation inside the structure. The body structure is ADR compliant.

EXTERIOR PANELLING

All exterior panels are made of GRP (fiberglass) including boot lid and side access doors and hatches. The roof panel is a one piece fiberglass sheet with extruded aluminium cant incorporating gutter recesses on both sides from front to rear.

INTERIOR PANELLING

The interior is clean and uncluttered. The interior side walls and ceiling panels are Laminex. Pillar and sill cappings are thermoformed from highly durable ASA. Front and rear header panels, and door pillar cappings are GRP mouldings with a durable finish. Modesty panels are fitted in front of the first row of seats trimmed in fabric matched to the seat trim.

WINDSCREEN

Curved one piece screen designed to maximise driver visibility. Glass thickness is 7mm laminated and produced to European ECE standard.

WINDOWS

Saloon windows are made of anti-sun tinted, toughened safety glass, bonded to the body.

The driver's door incorporates an electrically operated window.

ENTRANCE & EXIT

Standard: One (1) x 750mm plug type front door, manufactured from extruded aluminium sections with toughened safety glass window at the top and GRP panel below. The passenger door is power operated by electric drive with push button control at the driver's instrument panel. Touch sensor along the vertical edges on both sides of the door and load sensing designed into the control system protect passengers from entrapment by the door. As an added safety feature the accelerator pedal is disabled while the passenger door is open. Mechanical emergency release handles are fitted inside and outside which allow the door to be opened manually even if there is a total electrical power failure.
Option: Brake interlock system to RTA Technical Specification 146.

EMERGENCY EXIT

Standard: "Break-glass" side emergency door and windows with foot rest moulded into the exterior side panels plus two emergency roof hatches.
Option: Hinged emergency door at LH rear which is also used as wheelchair access door in combination with under floor mounted wheel chair hoist.

AIR CONDITIONING (Standard)

Denso roof mounted saloon air conditioning system, air ducted full length of the vehicle with fixed outlets in ceiling ducts.
Separate driver's air conditioning system.

HEATING

Standard: driver's heater and windscreen demister plus 2 heaters mounted on the saloon floor under passenger seats

EXTERIOR ACCESS FLAPS

Moulded fiber glass access doors are fitted for the following:
- Washer bottle and expansion tank access hinged with quick release catch.
- Fuel filler access hinged with lockable quick release catch.
- air cleaner access hinged with quick release catch
- battery and electrics access panel hinged with gas stays and spring catches
- Spare wheel access panel hinged with gas stays and spring catches.

FLOOR

12 mm rot proofed structural plywood, screwed, bonded and fully undersealed.

FLOOR COVERING

Heavy duty vinyl flooring material bonded to floor board and up the side-wall to seat mounting rail level.

FLOOR HATCHES

Hinged hatch over engine with quick release catch to facilitate daily fluid level checks.
Floor hatch fitted over the transmission and secured with screw action fasteners at each corner.

SOUND AND HEAT INSULATION

Insulation is high density closed cell fire retardant PU foam on side walls with glass wool insulation to ceiling cavity.

MIRRORS

Two exterior, fully adjustable
One interior, fully adjustable

HAND RAILS

Yellow powder coated hand rails to both sides of passenger entrance steps.

ELECTRICAL EQUIPMENT

Multiplex body electrical system.

(a) Interior

- 3 Fluorescent lights spaced along saloon area.
- Halogen down-light above driver.
- Halogen down-light above entrance steps automatically switched with passenger door
- LED lighting for emergency exit signs

(b) Exterior

- All exterior lamps are LED type except for headlamps and front indicators
- Styled headlights fitted to each side.
 - Front turn indicators.
 - Tail light assemblies, turn indicators and stop lights to be fitted in low and high positions to the rear.
 - Reversing lights, hazard flashers, side marker lights fitted.
 - Electrical windscreen and washers

PAINTING

Vehicles are finished with PPG Delfleet paint system with a high level of finish and endurance. The system incorporates high quality primer material, and 2 pack final coat, which is cured in a full low bake heated spray booth to ensure a high quality long lasting finish. The standard colour is Whit with grey skirt panels and bumpers

SALOON SEATING

Passenger seats are available in several style options including ADR 68 seat belts, trimmed in cloth or other quality fabrics. Seating capacity is 35 passengers maximum for standard metro seats or 34 passengers maximum for ADR68 seat belted seats.

DRIVERS SEAT

Fixed type seat fitted as standard trimmed in fabric matched to passenger seating.

MISCELLANEOUS

One (1) fire extinguisher mounted behind driver's seat.
Four (4) rubber mudflaps fitted.
Roller type sun visor to driver's windscreen
Audible reversing sensors.



CHIRON
COMMERCIAL VEHICLES

Chiron reserves the right to make changes in design and equipment without notice

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