



500 GT 1322 4x4



4 x 4 Cab Chassis

KEY FEATURES

- Cruise Control
- Selectable 4 x 4 x Low Range
- Low Range Ratio 2.224 : 1

KEY SPECIFICATIONS

- GVM.** 13,000kg
- GCM.** 21,000kg
- Power** 152kW @ 2500rpm
- Torque.** 608Nm @ 1500rpm
- Transmission** Six-speed synchromesh,
Hi – Lo speed transfer case
- Wheelbase** 4100mm (Medium), 4650mm (Long)





GT 1322 4x4

Engine & Driveline specifications

ENGINE

Model	HINO J08E UA
Max. output (ISO NET)	152kW (207 PS) at 2500rpm
Max. output (JIS GROSS)	158kW (215 PS) at 2500rpm
Max. torque (ISO NET)	608Nm (62kgf/m) at 1500rpm
Max. torque (JIS GROSS)	608Nm (62kgf/m) at 1500rpm
Max. engine speed	2550rpm
Engine compliance	ADR 80/02
Type	Diesel, turbocharged and intercooled, six-cylinder in-line, overhead camshaft & water-cooled
Combustion system	Direct injection with EGR
Bore & stroke	112 x 130mm
Piston displacement	7.684L
Compression ratio	18.5:1
Engine oil capacity	13.5L
Coolant capacity	21.0L
Fuel injection pump	Electronic control common-rail type
Air cleaner	Dual paper elements
Air compressor type	Single cylinder, water-cooled
Bore & stroke	70 x 40mm
Fan clutch	Equipped
Exhaust outlet	Horizontal

CLUTCH

Model	CS-350 series
Type	Dry single plate with damper springs
Facing material	Cera-metallic
Facing outside diameter	350mm
Control	Hydraulic with air booster

TRANSFER

Model	MA12C
Type	Two-speed
Low ratio	2.224:1

TRANSMISSION & GEAR RATIOS

Model	LX06SR
Type	Six forward and one reverse speeds, overdrive, synchromesh on 2nd to 6th
Control	Cable with power shift

Range ratio Low High Low High

1st	13.562	6.098	5th	2.224	1.000
2nd	8.580	3.838	6th	1.692	0.761
3rd	5.204	2.340	Rev.	12.614	5.672
4th	3.162	1.422			

Rear axle gear ratio 5.428:1

PERFORMANCE

Calculations based on 13.0-tonne GVM, 9.00R20-14PR tyre

Speed limited to (km/h)	100
Max theoretical speed (km/h)	107
Gradeability tan θ (%) @ GVM	60.0

BRAKES

Type	Hydraulic system with two leading shoes for front and rear acting on all wheels
Control	Air over hydraulic, dual circuits
Drum diameter x lining	
Width	Front: 400 x 120mm Rear: 400 x 155mm
Air dryer	Equipped
Auto brake adjuster	Equipped
Parking brake	Spring brake, acting on rear wheels
Exhaust brake	Electric-pneumatic with valve in exhaust pipe

AXLE LOAD & TYPE

Front axle	4700kg
Rear axle	9200kg
Front axle type	SS15 series full-floating, single reduction, single-speed by spiral bevel gearings with constant velocity universal joints
Rear axle type	SH16 full-floating, single reduction, single-speed by hypoid gearings with "Nospin" differential lock

SUSPENSION

Front suspension Type	Semi-elliptic leaf springs with double-acting shock absorbers
Size	1400 span x 80mm width
Rear suspension Type	Semi-elliptic main and auxiliary leaf springs
Size	(main springs) 1600 span x 80mm width (auxiliary springs) 1050 span x 80mm width

WHEELS & TYRES

Wheel type	Eight-stud disc wheel (JIS type) PCD 285
Rim size	7.00T x 20 – offset 152-11
Tyre size	9.00R20-14PR
Number of tyres	Seven (including one spare)
Spare tyre carrier	Equipped
Tyre inflator	Equipped

FUEL TANK

Capacity	200L
Fuel pre-filter & sedimentor	Equipped
Fuel tank cap key	Equipped



GT 1322 4x4

Cab, Instrumentation & Chassis

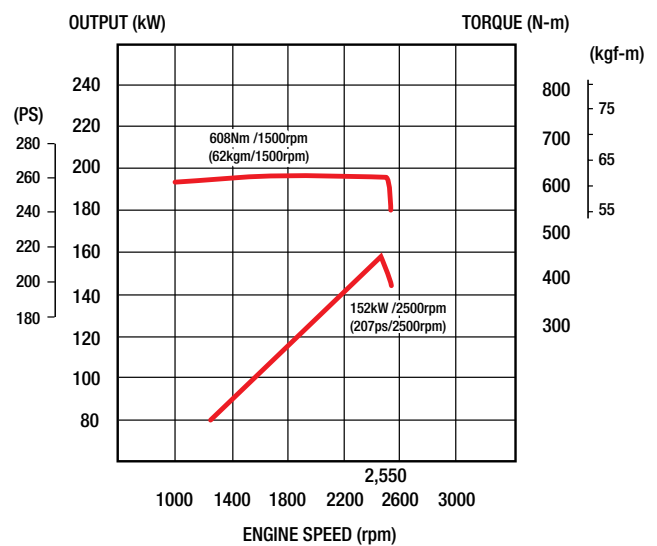
CAB DETAILS

Type	Forward control, all-steel construction with Electro Hydraulic Power Tilt
Seating capacity	Three
Driver's seat	Urethane foam pads, high-back, 4-way adjustable seat with fabric cover & air suspension
Side passenger's seat	Urethane foam pads, high-back & reclining seat with fabric cover and under-tray
Centre passenger's seat	Urethane foam pads & foldaway type with seat back tray, fabric cover
Seat belt	3-point type on driver's & side passenger's seat, 2-point type on centre passenger's seat
Sun visor & overhead console	For driver & passenger sides
Windshield wipers	Electric, dual, intermittent & 2-speed
Ventilator	Forced type by electric blower
Rear view mirrors	Inside: One flat type Outside: Two flat two convex spotters
Cigarette lighter 24V	Equipped
Floor mat	Vinyl type
Key entry	Equipped
Heater & defroster	Standard
Air conditioner	Standard
Trim	Full trim type (side, roof and back)
Cab pockets	Equipped on both front door sides
Power windows	Equipped
Car audio	AM/FM radio with CD player
Speakers	Driver & passenger sides
Foot rest	Equipped
Engine control link	Equipped
Cup holder	Equipped
Cruise Control	Equipped

ELECTRICAL

Type	24V, negative earth
Batteries	2 x 12V, series-connection. Capacity 120Ah at 20-hour rate
Alternator type	Brushless with built-in rectifier and voltage regulator
Capacity	24V, 90A
Starter	24V, 4.5kW
Headlamps	Semi-sealed beam, halogen type 2-head lamps
High/low beam	Equipped
Fluorescent reading lamp	Equipped
Electric horn	Equipped

POWER & TORQUE CHART (ISO Net) J08E UA



INSTRUMENTS

- Meters and gauges**
 - Speedometer with trip meter
 - Odometer
 - Tachometer
 - Fuel gauge
 - Coolant temperature gauge
 - Air pressure gauge
- Switches**
 - One-key starting-stopping
 - Lighting
 - Directional indicator, dimmer & passing
 - Wiper & washer
 - Hazard lamp
 - Exhaust brake
 - Map lamp
 - Fog lamp
 - Cruise Control
- Warning, pilot lamps & buzzers**
 - Oil pressure warning lamp & buzzer
 - Air pressure warning lamp & buzzer
 - Engine over-run warning buzzer
 - Coolant level warning lamp & buzzer
 - High beam indicator lamp
 - Turn signal indicator lamp
 - Parking brake indicator lamp
 - Seat belt warning lamp & buzzer
 - Exhaust brake indicator lamp
 - Engine control system warning lamp
 - Hazard indicator lamp
 - Back-up warning buzzer
- Others**
 - Idle up control knob
 - Horn button
 - 12V electric source (harness type)

STEERING

Type	Telescopic & tilt steering column with locking device. Recirculating ball with Integral Power Steering
Gear ratio	19.05:1

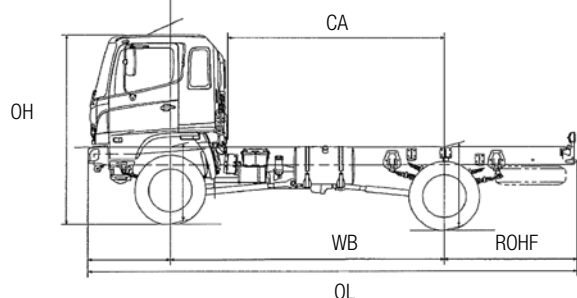
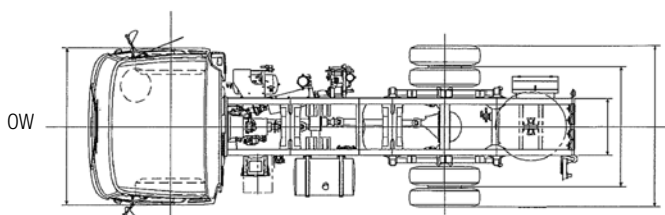
CHASSIS FRAME

Type	Ladder-shaped channel section side rails
Rear chassis width	870mm
Max. section (depth x flange x thickness)	270 x 90 x 8.0mm
Tensile strength	540N/mm ² {55 kgf/mm ² }
Hooks	Equipped for front and rear
Chassis step	Equipped



500

GT 1322 4x4 Dimensions



DIMENSIONS - mm / Capacities

Model HINO GT 1322	Medium	Long
Production codes	GT8JHKA	GT8JKKA
Wheelbase (WB)	4100	4650
Overall length (OL)	7310	7860
Overall width (OW)	2380	2380
Overall height (OH)	2805	2805
Cab to rear axle centre (CA)	3240	3790
Rear overhang (at frame end) (ROHF)	1930	1930
Front chassis height (HF)	1120	1120
Rear chassis height (HR)	1210	1210
Road clearance (at diff. case) (RC)	240	240
Front track (FT)	1950	1950
Rear track (RT)	1820	1820
Turning circle kerb to kerb	17,600	19,800
Turning circle wall to wall	19,050	21,250
Chassis mass - kg (standard tools, 10 litres of fuel, without spare tyre)		
Total	4845	4890
Front	2990	3045
Rear	1855	1845
GVM	13,000	13,000
GCM	21,000	21,000

GENUINE ACCESSORY OPTIONS

Bull bar	Side skirts
Chrome wheel covers	Stoneguard
Electric mirrors	Sunvisor
Multimedia sat nav	Timber dash panel
Rear vision camera	Engine driven PTO 1:1
Roof scoop	

Please check with your dealer for price, availability & fitment for these options

WARRANTY

New vehicle warranty period

Medium Duty Model	Axle configuration	Standard warranty (whichever comes first)	Cab corrosion perforation
500 GT 1322 4x4	4 x 4	3 years or 150,000km	36 months

Battery warranty – 12 months from date of delivery

Genuine parts or accessories warranty – 3 years unlimited kilometres when fitted by an authorised Hino dealer *

* For conditions, refer to the Hino Parts & Service warranty brochure

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