



500

GD 1227



4 x 2 Cab Chassis

KEY FEATURES

- ABS Brakes
- Easy Start – Take-off Assist

KEY SPECIFICATIONS

- GVM.** 12,000kg
- GCM.** 18,000kg
- Power** 193kW (263 PS) @ 2500rpm
- Torque.** 794Nm @ 1500rpm
- Transmission** Six-speed synchromesh
- Wheelbase** 4850mm (Long)





GD 1227

GD8JLKA-PAN Spring

GD8JLKG-PAN Air

Engine & Driveline specifications

ENGINE

Model	HINO J08E TB
Max. output (ISO NET)	190kW (258 PS) at 2500rpm
(JIS GROSS)	193kW (263 PS) at 2500rpm
Max. torque (ISO NET)	794Nm (81kgf/m) at 1500rpm
(JIS GROSS)	794Nm (81kgf/m) at 1500rpm
Max. engine speed	2500rpm
Engine compliance	US04 Compliant
Type	Diesel, turbocharged & 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
Intake system	Stack-type air intake
Air cleaner	Dual paper elements
Air compressor	Single cylinder, water-cooled
Bore & stroke	70 x 40mm
Fan clutch	Equipped
Exhaust	Horizontal outlet

CLUTCH

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

TRANSMISSION & GEAR RATIOS

Model	LJ06S
Type	Six forward & one reverse speeds, overdrive, synchromesh on 2nd to 6th
Control	Mechanical with power shift

1st	.6.477	5th	.1.000
2nd	.4.016	6th	.0.723
3rd	.2.450	Rev.	.6.064
4th	.1.470		

PERFORMANCE

Calculations based on 12.0 ton GVM, 255/70R22.5 tyre

Max theoretical speed (km/h) 124

Gradeability tan θ (%) @ GVM 47.2%

BRAKES

Type	Hydraulic system with two leading shoes front & 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
ABS	Equipped
Parking brake	Spring brake, acting on rear wheels
Exhaust brake	Electric-pneumatic with valve in exhaust pipe

AXLE SPECIFICATIONS

Front axle	4500
Rear axle	8500
Front axle type	LF458 series, Reversed Elliot, I-Beam
Rear axle type	SH14 full-floating, single reduction, single-speed hypoid
Rear axle gear ratio	4.875:1

SUSPENSION

Front suspension Type	Semi-elliptic tapered leaf springs with shock absorbers
Size	1300 span x 70mm width
Rear suspension Spring	Semi-elliptic main & auxiliary leaf springs
Main springs	1300 span x 70mm width
Auxiliary springs	900 span x 70mm width
Rear suspension Air	Hendrickson HAS air bag suspension with shock absorbers

WHEELS & TYRES

Wheel type	Eight-stud disc wheel (JIS type)
Rim size	6.75 x 22.5 – offset 152mm
Tyre size	255/70R22.5 – 140/137
Number of tyres	Seven (including one spare)
Spare tyre carrier	Equipped

FUEL TANK

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



GD 1227

Cab, Instrumentation & Chassis

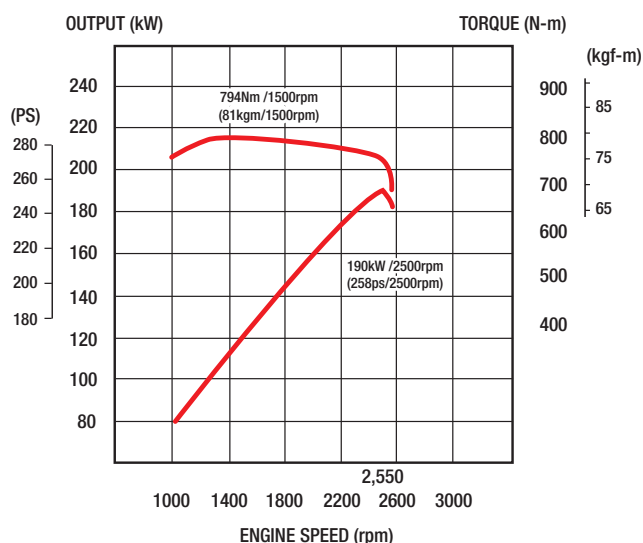
CAB DETAILS

Type	Forward control, all-steel construction with torsion bar tilt mechanism
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 & 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 and 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: Heated, Two flat type, two convex spotters
Cigarette lighter 24V	Equipped
Floor mat	Vinyl type
Front air spoiler	Equipped
Central locking & keyless entry	Equipped
Heater and defroster	Standard
Air conditioner	Standard
Trim	Full trim type (side, roof & back)
Cab pockets	Door & A Seat
Power windows	Equipped
Rest area	Equipped
Car audio	AM/FM radio with CD player
Speakers	Driver & passenger sides
Foot rest	Equipped
Easy Start	Equipped
Cup holder	Equipped

ELECTRICAL

Type	24V, negative earth
Batteries	12V x 2, series connection. Capacity 120Ah at 20-hour rate
Alternator type	Brushless with built-in rectifier & voltage regulator. Capacity 24V, 60A
Starter type	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)



INSTRUMENTS

- Meters & 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
 - Easy Start
- Warning, pilot lamps & buzzers**
 - Oil pressure lamp & buzzer
 - Air pressure lamp & buzzer
 - Engine over-run buzzer
 - Coolant level lamp & buzzer
 - Brake fluid lamp & buzzer
 - Brake adjustment lamp & buzzer
 - High beam indicator lamp
 - Turn signal indicator lamp
 - Parking brake indicator lamp
 - Seat belt lamp & buzzer
 - Exhaust brake indicator lamp
 - Engine control system lamp
 - Hazard indicator lamp
 - Back-up buzzer
- Others**
 - Idle up control knob
 - Horn button
 - 12V electric source (harness type)

STEERING

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

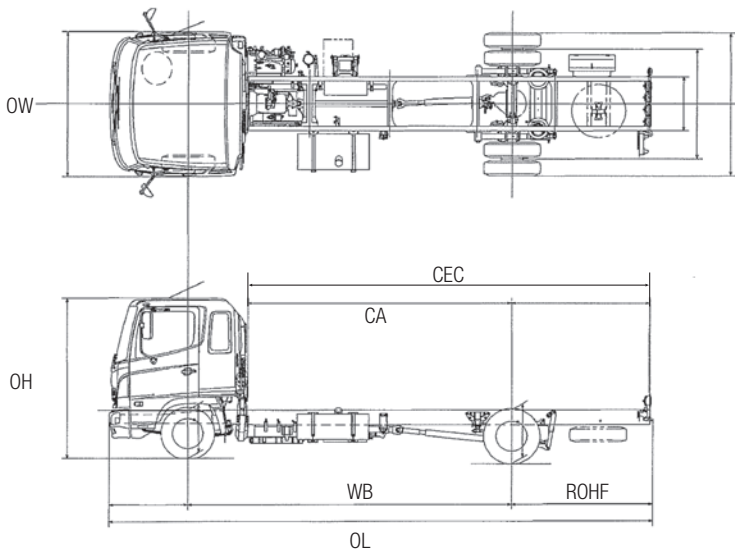
CHASSIS FRAME

Type	Ladder-shaped channel section side rails
Rear chassis width	820mm
Max. section (depth x flange x thickness)	231.6 x 78 x 6.8mm (Long)
Tensile strength	540N/mm ² {55 kgf/mm ² }
Hooks	Equipped for front & rear



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GD 1227 Dimensions



DIMENSIONS - mm / Capacities

Model Hino GD 1227	Long Air	Long Spring
Production code	GD8JLKG	GD8JLKA
Wheelbase (WB)	4850	4850
Overall length (OL)	8190	8190
Overall width (OW)	2270	2270
Overall height (OH)	2530	2530
Cab to rear axle centre (CA)	3975	3975
Rear overhang at frame end (ROHF)	2060	2060
Back of Cab to End of Chassis (CEC)	6035	6035
Front chassis height (HF)	855	855
Rear chassis height (HR)	945	945
Road clearance (at diff. case) (RC)	235	235
Front track (FT)	1760	1760
Rear track (RT)	1720	1720
Turning circle kerb to kerb	16,800	16,800
Turning circle wall to wall	18,200	18,200
Chassis mass – kg (with 50 litres of fuel, all seats occupied, standard tools)		
Total	3815	3810
Front	2400	2390
Rear	1415	1480
GVM	12,000	12,000
GCM	18,000	18,000

WARRANTY

New vehicle warranty period - Refer to Hino Truck Warranty for detailed information.

Medium Duty Model	500 GD 1227
Cab & Chassis	* 24 months or 100,000km
Engine & Powerlines	* 36 months or 150,000km

* whichever occurs first.



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