



500
S E R I E S

FD 1124 Crew



* Illustration may contain item not standard to the model

4 x 2 Cab Chassis

KEY FEATURES

- 7 seat capacity: 3 front 4 rear
- ABS Brakes with ASR
- Easy Start – Take-off Assist
- 4 door electric windows
- Drivers SRS Airbag
- Heated & Electrically Operated External Mirrors
- FUP (ADR 84/00 Complied)
- ISRI 6800 Driver seat with integrated Safety Belt

KEY SPECIFICATIONS

- GVM** 11,000kg
- GCM** 20,000kg
- Power** 176kW @ 2400 RPM
- Torque** 716Nm @ 1500 RPM
- Transmission** Six-speed OD synchromesh
- Wheelbase** 4850mm





FD 1124 Crew

FD7JLMA-HTU11 FD1124 Crew Cab

Engine & Driveline specifications

ENGINE

Model	Hino J07E-TP
Max. output (ISO NET)	176kW (240 PS) at 2400 RPM
Max. output (JIS GROSS)	180kW (245 PS) at 2400 RPM
Max. torque (ISO NET)	716Nm (73kg/m) at 1500 RPM
Max. torque (JIS GROSS)	725Nm (74kg/m) at 1500 RPM
Max. engine speed	2400 RPM
Engine compliance	ADR 80/03
Type	Diesel, turbocharged & intercooled, five-cylinder in-line, overhead camshaft & water-cooled
Combustion system	Direct injection with EGR
Bore & stroke	112 x 130mm
Piston displacement	6.403L
Compression ratio	17:1
Engine oil capacity	11.7L
Coolant capacity	26.5L
Fuel injection pump	Electronic control common-rail type
Air cleaner	Single paper element
Air compressor type	Single cylinder, water-cooled
Bore & stroke	70 x 40mm
Fan clutch	Equipped
Exhaust	Horizontal outlet with DPR
Emission Control System	EGR & DPR meeting ADR 80/03 using EURO V Std

CLUTCH

Model	CS-350 series
Clutch disc assembly	Dry single plate with damper springs
Facing material	Moulded (non-asbestos)
Facing outside diameter	350mm
Control	Hydraulic with air booster

TRANSMISSION & GEAR RATIOS

Model	LX06S Overdrive
Type	Six-forward & one reverse speeds, overdrive, synchromesh on 2nd to 6th
Control	Cable with power shift
Rear axle gear ratio	4.333:1

1st	.6.098	5th	.1.000
2nd	.3.858	6th	.0.761
3rd	.2.340	Rev.	.5.672
4th	.1.422		

PERFORMANCE

Calculations based on 11 ton GVM, 235/75R 17.5 tyre	
Engine RPM @ 100km/h	2270
Max theoretical speed (km/h)	106
Gradeability tan θ (%) @ GVM	45.1

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: 320 x 110mm Rear: 320 x 145mm
Air dryer	Equipped
ABS	Equipped
ASR (Anti Slip Regulator)	Equipped
Brake auto-shoe adjuster	Equipped
Parking brake	Spring brake, acting on rear wheels
Exhaust brake	Electric-pneumatic with valve in exhaust pipe
Easy Start	Equipped

AXLE LOAD & TYPE

Axle load limit	Front axle	4000kg
	Rear axle	7000kg
Front axle type	LF466 series I-Beam, Reversed Elliot	
Rear axle type	SH13 full-floating, single reduction, single-speed hypoid	

SUSPENSION

Front suspension type	Semi-elliptic tapered leaf springs with shock absorbers & stabiliser
Size	1300 span x 70mm width
Rear suspension type	Semi-elliptic main & auxiliary leaf springs
Main spring size	1300 span x 70mm width
Auxiliary spring size	900 span x 70mm width

WHEELS & TYRES

Wheel type	Six-stud disc wheel (JIS type) 222.25 PCD
Rim size	6.75 x 17.5 – offset 135mm
Tyre size	235/75R 17.5 132/130
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



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FD7JLMA-HTU11 FD1124 Crew Cab

Cab, Instrumentation & Chassis

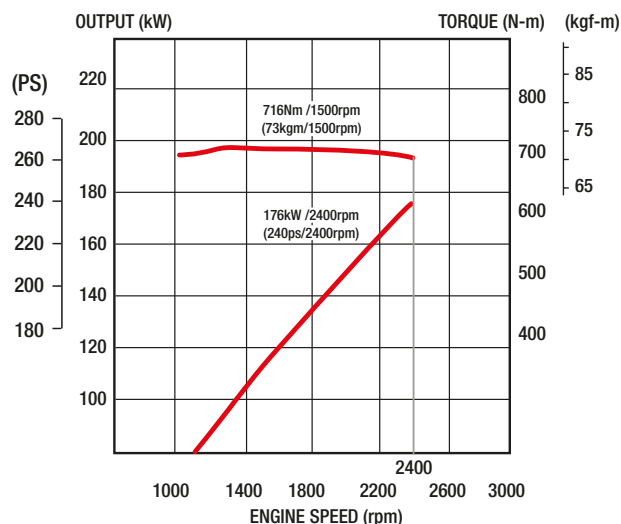
CAB DETAILS

Type	Forward control, all-steel construction with Electro Hydraulic Power Tilt
Drivers SRS Airbag	Equipped with pretensioner seatbelt
Seating capacity	Seven
Driver's seat	ISRI 6800 with urethane foam pads, high-back, lumbar support, multi adjustable, air suspended, with integrated safety belt
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
Rear passenger's seats	Urethane pads with high back, fabric cover
Seat belt	
Front	3-point type on driver's & side passenger's seat, 2-point type on centre passenger's seat
Rear	3-point type on door-side passengers' seats, two-point type on other passengers' seats
Sun visor & overhead console	For front driver & passenger sides
Windshield wipers	Electric, dual, intermittent & 2-speed
Ventilator	Forced type by electric blower
Rear view mirrors	External: Electric & heated, Two flat, two convex spotters
Cigarette lighter 24V	Equipped
Floor mat	Vinyl type
Front air spoiler	Equipped
Central locking & keyless entry	Equipped with immobiliser
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	DAB+ AM/FM radio / CD & DVD player with Bluetooth
Speakers	Driver & passenger sides
Foot rest	Equipped
Engine control link	Equipped
Cup holder	Equipped

ELECTRICAL

Type	24V, negative earth
Batteries	2 x 12V, series-connection. Capacity 65Ah at 20-hour rate
Alternator type	Brushless with built-in rectifier & voltage regulator
Capacity	24V, 60A
Starter type	24V, 4.5W
Headlamps	Halogen type including fog lamps
High/low beam	Equipped
Fluorescent reading lamp	Equipped
Electric horn	Equipped

POWER & TORQUE CHART (ISO) J07E-TP



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 and washer
 - Hazard lamp
 - Exhaust brake
 - Map lamp
 - Fog lamp
 - Easy Start
 - DPR regeneration
 - ASR off
 - Mirror controls
- Warning, pilot lamps & buzzers**
 - Oil pressure warning lamp & buzzer
 - Air pressure warning lamp & buzzer
 - Engine over-run warning buzzer
 - Coolant level warning lamp & buzzer
 - Brake fluid level warning lamp & buzzer
 - Brake adjustment 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

STEERING

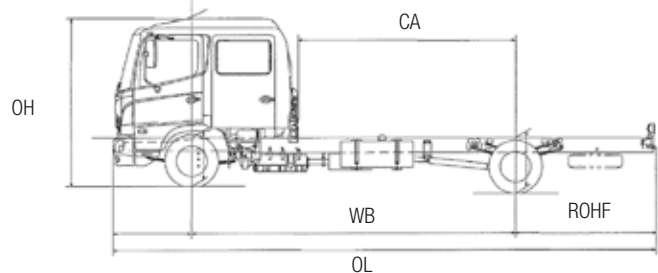
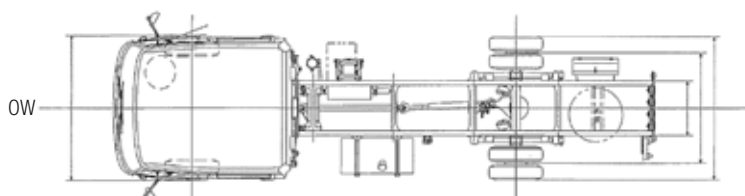
Type	Telescopic and tilt steering column with locking device. Recirculating ball with hydraulic Integral Power Steering
Gear ratio	18.6:1
Steering angle	Inside 50-53° Outside 39°

CHASSIS FRAME

Type	Ladder-shaped channel section side rails
Rear chassis width	820mm
Main section (depth x flange x thickness)	231.6 x 73 x 6.8mm
Inner section (depth x flange x thickness)	218 x 60 x 3.2mm
Tensile strength	Main: 540N/mm ² {55 kgf/mm ² } Inner: 440N/mm ² {45 kgf/mm ² }
Hooks	Equipped for front and rear
Factory FUP	Equipped



FD 1124 Crew Dimensions



DIMENSIONS - mm / Capacities

Model	Hino FD 1124 Crew Cab
Production code	FD7JLMA-HTU11
Wheelbase (WB)	4850
Overall length (OL)	8135
Overall width (OW)	2175
Overall height (OH)	2580
Cab to rear axle centre (CA)	3250
Rear overhang (at frame end) (ROHF)	2060
Front chassis height (HF)	755
Rear chassis height (HR)	855
Road clearance (at diff. case) (RC)	195
Front track (FT)	1780
Rear track (RT)	1660
Turning circle kerb to kerb	15,200
Turning circle wall to wall	16,600
Chassis mass – kg (standard tools, 10 litres of fuel, without spare tyre)	
Total	3635
Front	2465
Rear	1170
GVM	11,000
GCM	20,000

WARRANTY

New vehicle warranty period

Medium Duty Model	Axle configuration	Standard warranty <small>(whichever comes first)</small>	Engine & Powerlines <small>(whichever comes first)</small>
500 FD 1124 Crew	4 x 2	24 months or 100,000 kms	36 months or 150,000 kms

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