



500
S E R I E S

FD 1124 ProShift 6 FD 1124 ProShift 6 Air



* Illustration may contain item not standard to the model

4 x 2 Cab Chassis

KEY FEATURES

- ProShift 6 Automated Manual Transmission
- Cruise Control
- ABS Brakes with ASR
- Easy Start – Take-off Assist
- Optional Air Suspension on rear axle
- 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
	Optional derate to 8,000kg
GCM	16,000kg
Power	176kW @ 2400 RPM
Torque	716Nm @ 1500 RPM
Transmission	Six-speed OD synchromesh AMT
Wheelbase	4850mm (Long)





FD 1124 ProShift 6 FD 1124 ProShift 6 Air

FD7JLMA-MAU 1124 ProShift 6 Long
FD7JLMG-MAU 1124 ProShift 6 Long Air

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 (73kgf/m) at 1500 RPM
Max torque (JIS GROSS)	725Nm (74kgf/m) at 1500 RPM
Max. engine speed	2700 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	12.5L
Coolant capacity	23.5L
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 with DPR
Emission Control System	EGR & DPR meeting ADR 80/03 using EURO V Std

CLUTCH

Model	CS-350 series
Type	Dry single plate with damper springs
Facing material	Moulded (non-asbestos)
Facing outside diameter	350mm
Control	Hydraulic with air booster controlled by transmission

TRANSMISSION & GEAR RATIOS

ProShift 6	Automated Manual Transmission
Model	LX06S Overdrive
Type	Six-forward & one reverse speeds, overdrive, synchromesh on 2nd to 6th
Control	Cable with power shift
Rear axle gear ratio	4.625:1

1st	6.098	5th	1.000
2nd	3.858	6th	0.744
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	2380
Max. speed (km/h)	114
Gradeability tan - (%) @ GVM	48.9

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

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

SUSPENSION

Front suspension	
Steel	Semi-elliptic taper leaf springs with shock absorbers & stabiliser
Size	1300 span x 70mm width
Rear suspension	
Air.	Hendrickson HAS air bag suspension with shock absorbers
Steel	Semi-elliptic main & Auxiliary leaf springs
Size	Main spring 1300 span x 70mm width Auxiliary spring 900 span x 70mm width

WHEELS & TYRES

Wheel type	Six-stud disc wheel (JIS type) PCD 222.25
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 & sedimenter	Equipped
Fuel tank cap key	Equipped



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FD7JLMA-MAU 1124 ProShift 6 Long
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Cab, Instrumentation & Chassis

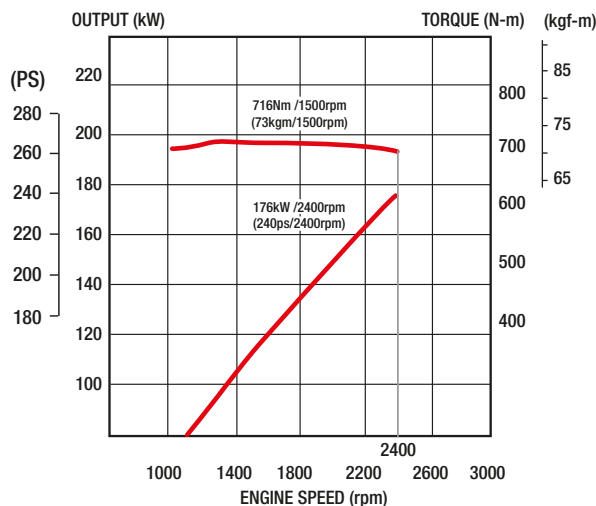
CAB DETAILS

Type	Forward control, all steel construction with torsion bar tilt mechanism
Drivers SRS Airbag	Equipped with pretensioner seatbelt
Seating capacity	Three
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 and 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 and 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 and 2-speed
Ventilator	Forced type by electric blower
Rear view mirrors	External: Heated & electric, two flat type, two convex spotters
Cigarette lighter (24V)	Equipped
Floor mat	Vinyl type
Front air spoiler	Equipped
Central locking & keyless entry	Equipped with immobiliser
Heater and defroster	Standard
Air conditioner	Standard
Trim	Full trim type (side, roof and back)
Cab pockets	Equipped on both door sides
Power windows	Equipped
Rest area	Equipped
Car audio	DAB+ AM/FM radio / CD & DVD player with Bluetooth
Speakers	Driver and passenger sides
Foot rest	Equipped
Easy Start	Equipped
Cup holder	Equipped
Cruise Control	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 and voltage regulator. Capacity 24V, 60A
Starter type	24V, 4.5kW
Headlamps	Halogen type including fog lamps
High/low beam	Equipped
Fluorescent reading lamp	Equipped
Electric horn	Equipped

POWER & TORQUE CHART(ISO Net) 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 and passing
 - Wiper and washer
 - Hazard lamp
 - Exhaust brake
 - Map lamp
 - Fog lamp
 - Easy Start
 - Cruise Control
 - 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

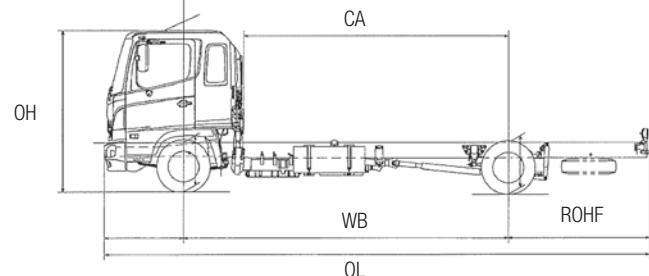
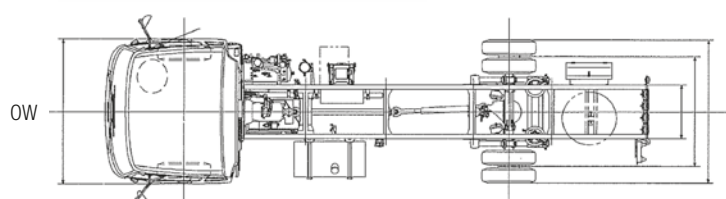
Type	Telescopic and tilt steering column with locking device. Recirculating ball with Integral Power Steering
Gear ratio	19.0:1
Steering angle	Inside: 50-53° Outside: 39°

CHASSIS FRAME

Type	Ladder-shaped channel section side rails
Rear chassis width	820mm
Main section (depth x flange x thickness)	231 x 73 x 6.5mm (Air) 231.7x73x6.8mm (Steel)
Inner section (depth x flange x thickness)	218 x 60x 3.2mm
Tensile strength	Main: 540N/mm ² (55kgf/mm ²) Inner: 440N/mm ² (45kgf/mm ²)
Hooks	Equipped for front and rear
Factory FUP	Equipped

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Dimensions



DIMENSIONS - mm / Capacities

Modell-Hino FD 1124 ProShift 6	Long	Long Air
Production code	FD7JMA-MAU	FD7LMG-MAU
Wheelbase (WB)	4850	4850
Overall length (OL)	8135	8135
Overall width (OW)	2175	2175
Overall height (OH)	2450	2440
Cab to rear axle centre (CA)	3975	3975
Rear overhang (at frame end) (ROHF)	2060	2060
Front chassis height (HF)765	760
Rear chassis height (HR)855	780
Road clearance (at diff. case) (RC)195	195
Front track (FT)	1780	1780
Rear track (RT)	1660	1660
Turning circle kerb to kerb	15,200	15,200
Turning circle wall to wall	16,600	16,600
Chassis mass - kg (standard tools, 10 litres of fuel, without spare tyre)		
Total	3395	3400
Front	2260	2265
Rear	1135	1135
GVM	11,000	11,000
GCM	16,000	16,000

*GVM can be derated to 8,000

WARRANTY

New vehicle warranty period

Medium Duty Model	Axle configuration	Standard warranty <small>(whichever comes first)</small>	Engine & Powerlines
500 FD 1124 ProShift 6	4 x 2	24 months or 100,000km	36 months or 150,000km

DISCLAIMER

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