

HINO

500 Series

FC 1124 Manual

FC 1124 Automatic



*Image may contain items not standard to the model

4 x 2 Cab Chassis

KEY FEATURES

Vehicle Stability Control (VSC) – Including ABS & TC
 Pre-Collision System (PCS) – Including SE, AEB & PD
 Lane Departure Warning System (LDWS)
 Adaptive Cruise Control (ACC)
 Engine Retarder Brake (Jake brake)
 Reverse Camera
 Drivers SRS Airbag
 ISRI 6860 NTS2 Drivers seat with integrated safety belt
 ECE-R29 Cab Strength Certified
 post Post New Long Term (pPNLT)
 (Euro 6 equivalent emissions)

KEY SPECIFICATIONS

GVM 11,000kg
 8,000kg Option
GCM 16,000kg
Power 240hp/177kW
Torque 794Nm
Transmissions 6 speed Manual
 6 speed Automatic
Wheelbases 3.4m, 3.8m, 4.3m, 4.6m, 4.9m, 5.3m
**Max Nominal
 Body Length** 4.7m, 5.4m, 6.2m, 6.7m, 7.2m, 7.7m

ENGINE

Model	Hino A05C-TE
Max. output (ISO NET)	240hp/177kW @ 2,300RPM
Max. torque (ISO NET)	794Nm @ 1,400RPM
Max. engine RPM	2550RPM
Engine compliance	ADR 80/03 using Japan pPNLT
Type	Diesel, turbocharged & intercooled 4 cylinder with overhead camshaft
Combustion system	Direct injection with EGR
Bore & stroke	112 x 130mm
Piston displacement	5.123L
Compression ratio	17.5:1
Fuel injection	Electronic control common rail
Air compressor / bore & stroke	Single cylinder / 70 x 40mm
Air cleaner	Dual paper elements
Exhaust	Horizontal outlet RHS
Emission Control System	DPR & SCR (AdBlue®)
Engine Immobiliser	Equipped

CLUTCH (Manual models only)

Model	CSP-350
Type	Dry single plate
Clutch plate	350mm Organic
Control	Hydraulic with air booster

TRANSMISSION & GEAR RATIOS

Make and description	Manual		Automatic	
	Hino LX06S, 6 speed synchromesh with cable shift & air assist		Allison 2500, 6 speed with Hino T-bar cable shift and MID gear display	
Type	Overdrive		Double overdrive	
Gear Ratios	1	6.098	1	3.512
	2	3.858	2	1.896
	3	2.340	3	1.439
	4	1.422	4	1.000
	5	1.000	5	0.737
	6	0.744	6	0.643
	Reverse	5.672	Reverse	5.086
Torque convertor & ratio			TC222	1.58
Rear axle ratio	4.625		4.333	
PTO option/Torque capacity	Single/245Nm		Dual/339Nm	

PERFORMANCE

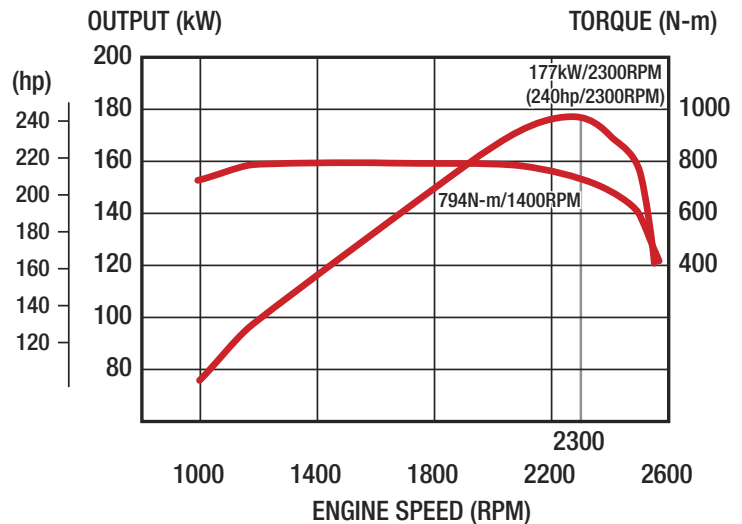
Calculations based on 11t GVM with 235/75R17.5 tyres		
Engine RPM @ 100km/h	2,374	1,922
Max theoretical speed (km/h)	108	134
Gradeability tan (%) @ GVM	55.8	45.5

BRAKES

Type	Drum brakes front and rear	
Control	Air Over Hydraulic (AOH), Dual circuit	
Drum diameter x lining width	Front	320 x 110mm
	Rear	320 x 120mm
Air Dryer	Equipped	
Vehicle Stability Control (VSC)	Equipped	
Pre-Collision System (PCS)	Equipped	
Anti-lock Brake System (ABS)	Equipped	
Traction Control (TC)	Equipped	
Park brake	Drum acting on transmission output shaft	
Hino Easy Start (ES)	Equipped on Manual models	
Exhaust & engine brake (Jake Brake)	Equipped	
Brake lock	Equipped except for FC2AL & FC2AN	

POWER & TORQUE CHART (ISO Net) A05C-TE

A05C-TE



SAFETY FEATURES

Active Safety Features		
Vehicle Stability Control	VSC	Equipped
Anti-lock Brake System	ABS	Equipped
Pre-Collision System	PCS	Equipped
PCS is inclusive of	Safety Eye	SE
	Autonomous Emergency Braking	AEB
	Pedestrian Detection	PD
Traction Control	TC	Equipped
Lane Departure Warning System	LDWS	Equipped
Staggering Warning	SW	Equipped
Adaptive Cruise Control	ACC	Equipped
Reverse Camera	RC	Equipped
Easy Start hill assist	ES	Equipped (MT models only)
Passive Safety Features		
SRS airbag for driver		Equipped
SRS Seat belt pretensioner for driver		Equipped
Front Underrun Protection device (FUPD)		Equipped
ECE-R29 Cab Strength Certified		Equipped

SUSPENSION & LOAD LIMITS

		Front axle model		LF 456			
FRONT	Front axle type	I-Beam, reverse elliot					
	Suspension	Taper leaf springs with shock absorbers and stabiliser					
	Spring Dimensions	1300 x 70mm					
	Number	3					
	Spring rate (kgf/mm ²)	23.0					
	Axle limit (including suspension)	4,100kg					
	Tyre limit	4,000kg					
		Rear axle model		SH13			
		Fully floating, single reduction by hypoid gears					
REAR	Rear suspension types	Leaf	Air				
	Suspension description	Multi leaf with auxiliary					
	Spring dimensions	Main	Auxiliary	Hendrickson HAS 200 with shock absorbers and mechanical ride height valve			
		Length and width (mm)	1,300 x 70			900 x 70	
	Number	8	9				
	Spring rate (kgf/mm ²)	25	74				
	Axle limit (including suspension)	7,000kg					
Tyre limit	7,600kg						

CHASSIS FRAME

Chassis frame wheelbase variants	FC2AE	FC2AG FC2AJ	FC2AK	FC2AL FC2AN
Main section in mm (depth x flange x thickness)	229.4 x 78 x 5.7	228.4 x 73 x 5.2	229.4 x 73 x 5.7	231.6 x 73 x 6.8
Chassis width (at rear)	820mm			
Tensile strength	540 N/mm ² (55 kgf/mm ²)			
Front Underrun Protection Device (FUPD)	Equipped			
Tow hook capacity (front and rear)	2,000 kgf (max angle of 15°)			
Type	Ladder-shaped channel section side rails			

WHEELS & TYRES

Wheel type	6 stud disc wheel (JIS type) PCD 222.25
Rim size	6.75 x 17.5 with 135 mm offset
Tyre size	235/75R17.5 132/130
Number of tyres	7 including the spare
Spare tyre carrier	Equipped (except for FC2AE)

FUEL TANK

Material	Steel
Fuel capacity	200L (100L FC2AE)
Lockable fuel cap	Equipped
Prefilter & sedimenter	Equipped
Adblue® capacity	19L

ELECTRICAL

Type	24 volt negative earth
Batteries	12 volt x 2 (65D23L)
Alternator capacity	24 volt x 90 amp
Starter type	24 volt x 4.5kW
Headlamps	Halogen
LED Interior and reading lamp	Equipped
Electric air horn	Equipped
CANBUS connected	Equipped J1939 protocol (see BMM for details)

STEERING

Type	Telescopic and tilt steering column with locking device. Recirculating ball with integral power steering.			
Gear ratio	19.0:1			
Steering angles	Inside	53°	Outside	38°

GENUINE ACCESSORY OPTIONS

Bull bar options (see dealer for variants)	Phone charge mat
Dash mat	Lane change assist cameras
Sunvisor	Truck specific GPS nav with live traffic
Chrome wheel simulators	DVR Camera system (Dash Cam)
Seat covers	Hino Traq telematics
Floor mats	Tyre Pressure Monitoring System (TPMS)
Engine live drive PTO (343Nm @ 1:1)	Additional cameras (up to 3)

CAB DETAILS

Type	Forward control, day cab, all steel construction with torsion bar tilt mechanism
Grille colour	Matt grey
Seating capacity	3
Drivers seat	ISRI 6860 NTS2 air suspension, 10 way adjustable with integrated safety belt and rear pocket
Side passenger seat	High back and reclining seat
Centre seat	Foldaway type with integrated tray
Seat belts	3 point lap sash for driver and side passenger
	2 point lap for centre position
Sunvisor and overhead console	For driver and passenger sides
Windscreen wipers	2 arm wiper and washers, 2 speed with intermittent
Cab heater and air conditioner	Equipped with 4 speed fan
Rear view mirrors	External : Electric & heated, 2 flat type
	2 convex spotters & kerb view
Auxiliary power supply	12 volt 120W socket and USB 2.1 amp
Floor covering	Vinyl type
Central locking and keyless entry	Equipped with immobiliser
Cab storage pockets	Equipped in both side doors
Power windows	Equipped
Foot rest	Equipped
Cup holders	3 centre and 2 door beverage holders
Multimedia System	6.5" LCD, HD touch screen display with DAB+ AM/FM radio, AUX input, Bluetooth®4.1, Android 6.0, CANBUS connected and Wi-Fi enabled

INSTRUMENTATION

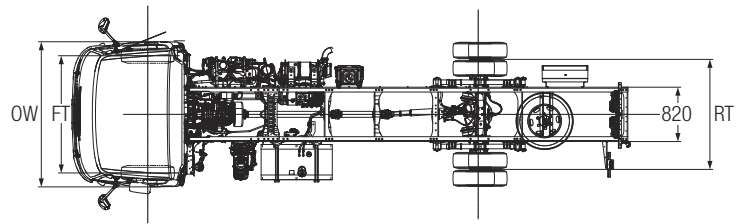
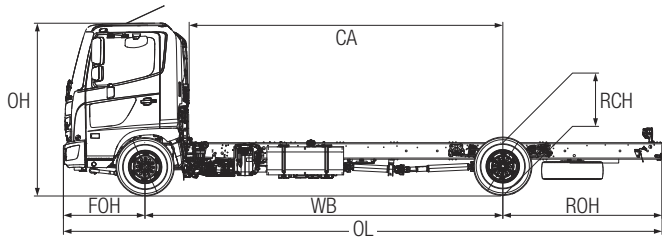
Meters	Steering wheel controls
Speedometer	Cruise control
Tachometer	MID controls
Air Gauges	Additional switches and controls
LCD display	External flat mirror control
Time	VSC off
Temperature Gauge	PCS off
Adblue® Gauge	LDWS off
Fuel Gauge	Idle up
Odometer	Quick warm up
Hour Meter	ES start control (MT models only)
Date & Day	Mirror heater
Multi Information Display (MID)	Engine brake
General information	Power and economy (AT models only)
Cruise Control setting	DPR regeneration
Eco Tree	Electric window lock out
Display setting	Head light leveller
Safe driving settings	ECO Run (MT models only)
System Check	Suspension Dump (Air suspension models only)
Gear position (AT models only)	

FC 1124 Manual FC 1124 Automatic

500 Series

DIMENSIONS – mm/WEIGHTS – kg

Model	FC 1124															
	Manual							Automatic								
Transmission																
Suspension	Leaf													Air		
Wheel base (WB)	3,420	3,850	4,350	4,650	4,990	5,320	3,420	3,850	4,350	4,650	4,990	5,320	4,990	5,320		
Product Code	FC2AE1M-DBAAE	FC2AG1A-DBAAE	FC2AJ1A-DBAAE	FC2AK1A-DBAAE	FC2AL1A-DBAAE	FC2AN1A-DBAAE	FC2AE1M-DXAAE	FC2AG1A-DXAAE	FC2AJ1A-DXAAE	FC2AK1A-DXAAE	FC2AL1A-DXAAE	FC2AN1A-DXAAE	FC2AL1G-DXAAE	FC2AN1G-DXAAE		
OL	6,095	6,735	7,445	7,895	8,435	8,925	6,095	6,735	7,445	7,895	8,435	8,925	8,435	8,925		
OW	2,190															
OH	2,450			2,445				2,450			2,445				2,440	
CA	2,785	3,215	3,715	4,015	4,355	4,685	2,785	3,215	3,715	4,015	4,355	4,685	4,355	4,685		
FOH	1,145															
ROH	1,490	1,700	1,910	2,060	2,260	2,420	1,490	1,700	1,910	2,060	2,260	2,420	2,260	2,420		
RCH (at axle)	870	860					870	860					780			
FT	1,780															
RT	1,660															
Kerb to Kerb	11,200	12,400	13,800	14,600	15,600	16,600	11,200	12,400	13,800	14,600	15,600	16,600	15,600	16,600		
Wall to Wall	12,600	13,800	15,200	16,000	17,000	18,000	12,600	13,800	15,200	16,000	17,000	18,000	17,000	18,000		
Indicative Chassis Mass – kg (10 litres of fuel, no tools or spare tyre & subject to a ±3% tolerance)																
Total	3,315	3,340	3,375	3,410	3,495	3,515	3,340	3,360	3,390	3,425	3,515	3,535	3,515	3,535		
Front	2,285	2,295	2,315	2,335	2,375	2,385	2,300	2,315	2,330	2,355	2,395	2,410	2,405	2,420		
Rear	1,030	1,045	1,060	1,075	1,120	1,130	1,040	1,045	1,060	1,070	1,120	1,125	1,110	1,115		
GVM	11,000 (optional 8,000 available on application)															
GCM	16,000															



Drawings are for reference only to the table. For specific chassis layouts and dimensions please refer to Body Mounting Manual drawings.

WARRANTY

New vehicle warranty period

Medium Duty Model	Axle configuration	Standard warranty (whichever comes first)	Cab corrosion perforation
500 FC 1124	4 x 2	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



DISCLAIMER

Important notice – Hino Trucks are distributed in Australia by Hino Motor Sales Australia Pty Ltd A C N 064 989 724. All efforts have been made to ensure the information contained in this brochure was correct at time of printing or uploading. Hino Motor Sales Australia Pty Ltd reserves the right to alter any details of the specifications and equipment without notice. Hino in so far as it is permitted by law to do so, shall not be liable in any way as a result of any reliance placed by any person on anything contained in this brochure. You should therefore check with your authorised Hino dealer at the time of ordering your motor vehicle to ensure that colour, specifications, equipment, design features and options are available for the vehicle you are ordering. Please note that some options may only be available in combination with others. Authorised Hino dealers will on request provide up to date information on all accessories, design features, prices & availability.