



500

FM 2632



6 x 4 Cab Chassis

KEY FEATURES

- 320 Horsepower
- Jacobs Engine Brake
- ABS Brakes
- Six Rod Rear Suspension
- Low Reduction First & Reverse Gear

KEY SPECIFICATIONS

- GVM.** 26,000kg
- GCM.** 38,000kg
- Power** 235kW (320 PS) @ 2100rpm
- Torque.** 1079Nm @ 1100rpm
- Transmission** 11-speed Eaton
- Wheelbase** 4240mm (Medium), 5250mm (Long)





FM 2632

FM1ALKM (Medium)
FM1ARKA (Long)

Engine & Driveline specifications

ENGINE

Model	HINO A09C-TK
Max. output (ISO Net)	235kW (320 PS) at 2100rpm
(JIS Gross)	239kW (325 PS)
Max. torque (ISO Net)	1079Nm (110kgf/m) at 1100rpm
(JIS Gross)	1098Nm (112kgf/m)
Max. engine speed	2100rpm
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 150mm
Piston displacement	8.866L
Compression ratio	17.0:1
Engine oil capacity	31.0L
Coolant capacity	30.0L
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	85 x 60mm
Fan clutch	Equipped
Exhaust	Horizontal outlet

CLUTCH

Model	CS-430 series
Type	Dry single plate with damper springs
Facing material	Molded type
Facing outside diameter	380mm
Control	Hydraulic with air booster

TRANSMISSION & GEAR RATIOS

Model	EATON RTO11909LL
Type	11 forward and two reverse speeds, overdrive, constant mesh
Control	Mechanical control

LL	26.078	6th	1.952
L	16.299	7th	1.379
1st	11.853	8th	1.000
2nd	7.408	9th	0.730
3rd	5.234	Rev LL	20.848
4th	3.794	Rev L	13.030
5th	2.770		

PERFORMANCE

Calculations based on 26.0 ton GVM	- 11R22.5-148/145 tyre (Medium)
	- 275/70R22.5 - 148/145 tyre (Long)
	Medium Long
Speed limited to (km/h)	Optional Optional
Max theoretical speed (km/h) 118
Gradeability tan θ (%) @ GVM 60 60

BRAKES

Type	Full air, dual circuit, "S" cam type, leading & trailing shoes for front and rear
Drum diameter x lining	
Width	Front: 406.4 x 152mm
	Rear: 406.4 x 216mm
Air dryer	Equipped
ABS	Equipped
Parking brake	Spring brake application, acting on Axles 1 & 2
Engine brake	Jake type equipped

AXLE SPECIFICATIONS

Axle load limit	Front axle 6500kg
	Rear axle 20,000kg
Front axle type	MF671 series, Reversed Elliot, I-Beam
Rear axle type	THD17 full-floating single reduction, single-speed hypoid, Tandem Drive
Rear axle gear ratio 4.625:1

SUSPENSION

Front suspension Type (Taperleaf)	Semi-elliptic tapered leaf springs with shock absorbers
Size	1470 span x 80mm width
Rear suspension Type (6 Rod)	Semi-elliptic leaf springs with torque rods
Size	1300 span x 90mm width

WHEELS & TYRES

Wheel type	10-stud disc wheel (ISO type) 335 PCD
Rim size	8.25 x 22.5 - 165-12mm
Tyre size	11R22.5 - 148/145 (Medium)
	275/70R22.5 - 148/145 (Long)
Number of tyres 10

FUEL TANK

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



FM 2632

Cab, Instrumentation & Chassis

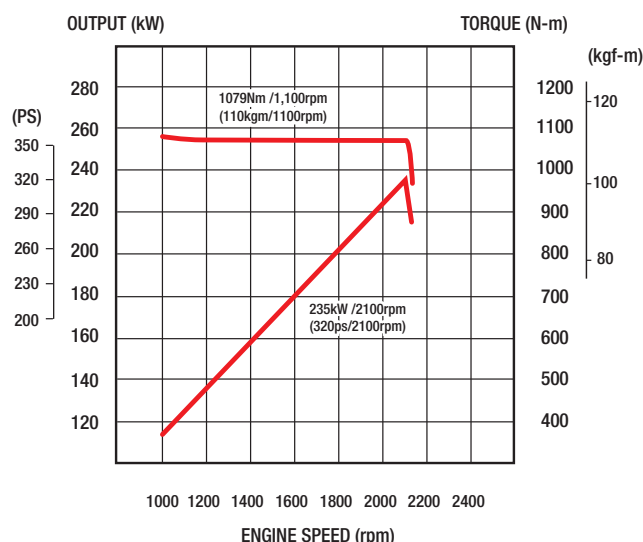
CAB DETAILS

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 & air suspension
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
Central locking	Equipped
Heater and defroster	Standard
Air conditioner	Standard
Trim	Full trim type (side, roof & back)
Cab pockets	Equipped for driver door
Power windows	Equipped
Rest area	Equipped
Audio	AM/FM radio with CD player
Speakers	Driver & passenger sides
Foot rest	Equipped
Engine control link	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, 6.0kW
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) A09CTK



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
 - Map lamp
 - Fog lamp
 - Engine brake
- 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
 - Engine 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 and tilt steering column with locking device. Recirculating ball with Integral Power Steering
Gear ratio	20.2:1

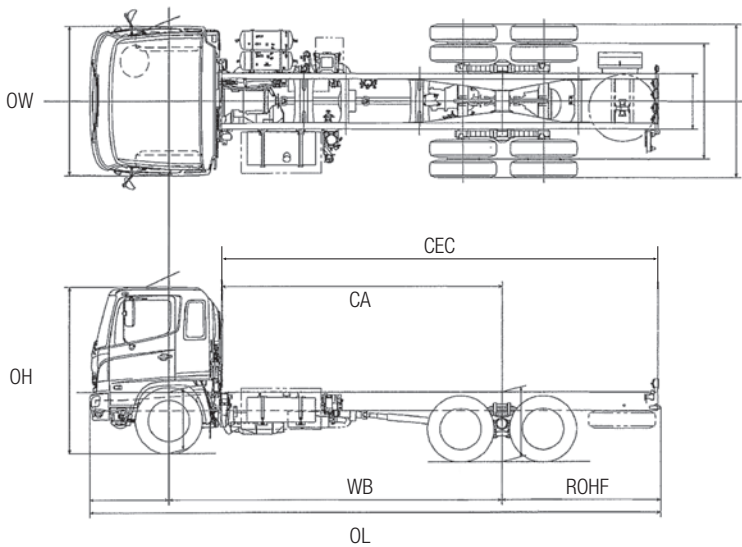
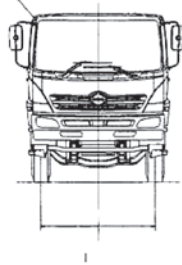
CHASSIS FRAME

Type	Ladder-shaped channel-section side rails
Rear chassis width	870mm
Max. section (depth x flange x thickness)	Main: 300 x 90 x 8.0mm Inner: 284 x 77 x 3.2mm
Tensile strength	540N/mm ² {55 kgf/mm ² }
Hooks	Equipped for front and rear



500

FM 2632 Dimensions



DIMENSIONS - mm / Capacities

Model	FM 2632 Medium	FM 2632 Long
Production code	FM1ALKM	FM1ARKA
Wheelbase (WB)	4240	5250
Overall length (OL)	7450	9045
Overall width (OW)	2470	2465
Overall height (OH)	2840	2795
Cab to rear axle centre (CA)	3355	4365
Rear overhang (at frame end) (ROHF)	1265	1795
Back of Cab to End of Chassis (CEC)	5270	6810
Front chassis height (HF)	1025	980
Rear chassis height (HR)	1050	1025
Road clearance (at diff. case) (RC)	245	245
Front track (FT)	1925	1925
Rear track (RT)	1860	1860
Turning circle kerb to kerb	17,000	20,400
Turning circle wall to wall	18,450	21,850
Chassis mass – kg (50 litres of fuel & tools without spare tyre)		
Total	7245	7330
Front	3430	3540
Rear	3825	3790
GVM	26,000	26,000
GCM	38,000	38,000

WARRANTY

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

Medium Duty Model	FM 2632
Cab & Chassis Components	* 24 months or 150,000km
Engine & Powerlines	* 36 months or 200,000km

* whichever occurs first.



www.hino.co.nz

DISCLAIMER

Important notice. Hino Trucks are distributed in New Zealand by Hino Distributors (NZ) Ltd.

All effort has been made to ensure the information contained in this brochure was correct at time of printing. Hino Distributors (NZ) Ltd reserves the right to alter any details of the specifications & 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 & 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.