



500

FM 2630 Auto



6 x 4 Cab Chassis

KEY FEATURES

- 300 Horsepower
- Jacobs Engine Brake
- ABS Brakes
- Allison 3500 Automatic Transmission
- Six Rod Heavy-Duty Rear Suspension

KEY SPECIFICATIONS

- GVM.** 26,000kg
- GCM.** On application
- Power** 221kW (300 PS) @ 2100rpm
- Torque.** 1079Nm @ 1100rpm
- Transmission** Six-speed automatic
- Wheelbase** 4240mm (Medium),
5250mm (Long) (Spring/Air)





FM 2630 Auto

FM1ALKM-WGN Auto Spring Medium
 FM1ARKA-WGN Auto Spring Long
 FM1ARKG-WGN Auto Air Long

Engine & Driveline specifications

ENGINE

Model	HINO A09C TJ
Max. output (ISO Net)	221kW (300 PS) at 2100rpm
(JIS Gross)	224kW (305 PS)
Max. torque (ISO Net)	1079Nm (110kgf/m) at 1100rpm
(JIS Gross)	1098Nm (112kg/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

TRANSMISSION & GEAR RATIOS

Model	Allison 3500
Type	Six forward and one reverse speeds, double overdrive, automatic

1st	4.593
2nd	2.257
3rd	1.535
4th	1.000
5th	0.749
6th	0.651
Rev	4.999

PERFORMANCE

Calculations based on 26.0 ton GVM, 275/70R22.5

STD

Speed limited to (km/h)	Optional
Max theoretical speed (km/h)	113
Gradeability tan θ (%)	50.9
Rear axle gear ratio	5.428:1

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
Auto-slack adjuster	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	Long Spring/Air	5.428:1
	Medium Spring	Opt 5.857:1

SUSPENSION

Front suspension Type	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 x 90mm
Rear suspension Type Air	Hendrickson HAS air-bag suspension with shock absorbers

WHEELS & TYRES

Wheel type	10-stud disc wheel (ISO type) 335 PCD
Rim size	8.25 x 22.5 – 165-12mm
Tyre size	275/70R22.5
Number of tyres	10
Spare tyre carrier	Equipped

FUEL TANK

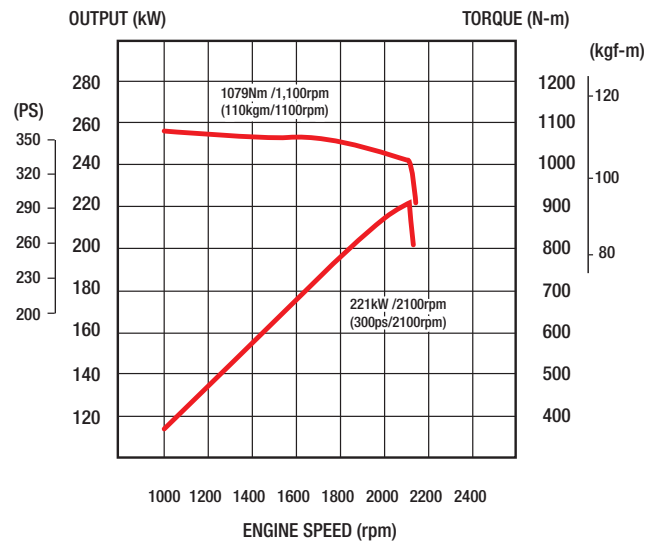
Capacity	200L
Fuel pre-filter & sedimenter	Equipped
Fuel tank cap key	Equipped



FM 2630 Auto

Cab, Instrumentation & Chassis

POWER & TORQUE CHART (ISO Net) A09C TJ



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: Two heated flat type, two convex spotters
Cigarette lighter 24V	Equipped
Floor mat	Vinyl type
Front air spoiler	Equipped
Central locking	Equipped
Heater and defroster	Standard
Air conditioner	Standard
Trim	Full trim type (side, roof & back)
Cab pockets	Equipped for driver's side
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

INSTRUMENTS

- Meters & gauges**
 Speedometer with trip meter
 Odometer
 Tachometer
 Fuel gauge
 Coolant temperature gauge
 Air pressure gauge
 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
- Switches**
 One-key starting-stopping
 Lighting
 Directional indicator, dimmer & passing
 Wiper & washer
 Hazard lamp
 Map lamp
 Fog lamp
 Engine brake
 Engine control system warning lamp
 Hazard indicator lamp
 Back-up warning buzzer
- Warning, pilot lamps & buzzers**
 Oil pressure warning lamp & 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

ELECTRICAL

Type	24V, negative earth
Batteries	2 x 12V, series-connection. Capacity 120Ah at 20-hour rate
Alternator type	Brushless with built-in rectifier & voltage regulator. Capacity 24V, 90A
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

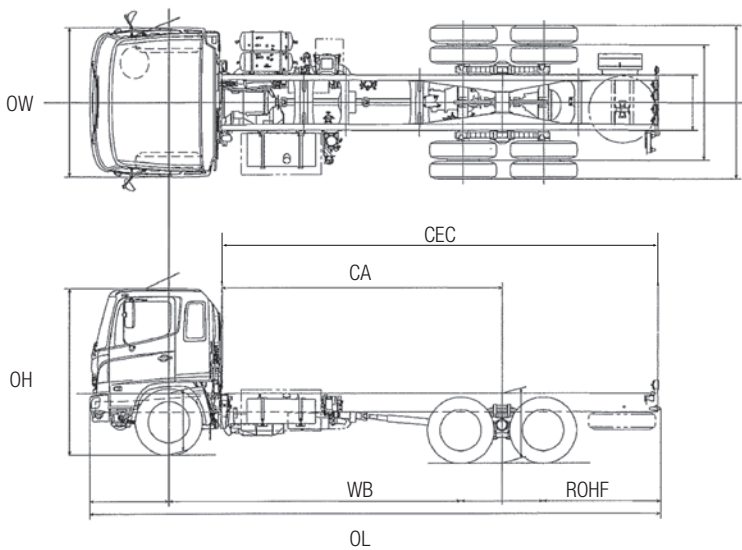
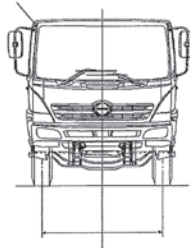
CHASSIS FRAME

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



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FM 2630 Auto Dimensions



DIMENSIONS - mm / Capacities

Model - FM2630 Auto	Spring Medium	Spring Long	Air Long
Production code	FM1ALKM	FM1ARKA	FM1ARKG
Wheelbase (WB)	4240	5250	5250
Overall length (OL)	7450	8995	8995
Overall width (OW)	2470	2470	2470
Overall height (OH)	2840	2840	2840
Cab to rear axle centre (CA)	3355	4365	4365
Rear overhang (at frame end) (ROH)	1955	2490	2490
Back of Cab to End of Chassis (CEC)	5310	6855	6855
Front chassis height (HF)	1025	1025	1025
Rear chassis height (HR)	1070	1070	1070
Road clearance (at diff. case) (RC)	245	245	245
Front track (FT)	1925	1925	1925
Rear track (RT)	1860	1860	1840
Turning circle kerb to kerb	17,000	20,400	20,400
Turning circle wall to wall	18,450	21,850	21,850
Chassis mass – kg (50 litres of fuel & tools without spare tyre)			
Total	7050	7165	7120
Front	3295	3395	3505
Rear	3755	3770	3615
GVM	26,000	26,000	26,000
GCM	On application	On application	On application

WARRANTY

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

Medium Duty Model	FM 2630 Auto
Cab & Chassis Components	* 24 months or 150,000km
Engine & Powerlines	* 36 months or 200,000km

* whichever occurs first.



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