

# HINO

## 500 Series

# FL 2628



\* Illustration may contain items not standard to the model

**ADR 80/03 Model**  
**6 x 2 Cab Chassis**

## KEY FEATURES

- Vehicle Stability Control (VSC) with ASR
- Polished Aluminium Wheels
- Cruise Control
- Reverse Camera
- Drivers SRS Airbag
- Heated & Electrically Operated External Mirrors
- ISRI 6860/870 Drivers seat with integrated Safety Belt
- ECE R-29 Cab Strength Certified
- HAS 400 Air Rear Suspension with ECAS

## KEY SPECIFICATIONS

<b>GVM.</b>	26,000kg
<b>GCM.</b>	38,000kg
<b>Power</b>	280hp/206kW
<b>Torque</b>	883Nm
<b>Transmission</b>	Six-speed Allison Automatic
<b>Nominal Wheelbases</b>	6.5m
<b>Max. Nominal Body Length<sup>#</sup></b>	9.3m



# FL 2628

## Engine & Driveline Specifications

### ENGINE

Model	J08E-WA
Max. Output (ISO Net)	280hp/206kW @ 2,500 RPM
Max. Torque (ISO Net)	883Nm @ 1,500 RPM
Max. Engine Speed	2,700 RPM
Engine Compliance	ADR 80/04 using Euro 5 STD
Type	Turbocharged & Intercooled, 6 cylinder in-line, overhead camshaft & fluid cooled
Combustion System	Direct Injection
Bore & Stroke	112 x 130mm
Piston Displacement	7.687L
Compression Ratio	18.0:1
Engine Oil Capacity	13.5L
Coolant Fluid Capacity	25L
Fuel Injection System	Electronic control common-rail type
Air Intake System	Stack-type
Air Cleaner	Dual paper elements
Air Compressor	Single cylinder, fluid cooled 85 x 60mm
Fan Clutch	Equipped
Exhaust	Horizontal
Emission Control System	Selective Catalytic Reduction (SCR)
Engine Immobilizer	Equipped

### TRANSMISSION & GEAR RATIOS

Make & Description	Automatic	
	Allison 3500 series 6 speed with Electronic Control	
Type	Double Overdrive	
Gear Ratios	1	4.593
	2	2.257
	3	1.535
	4	1.000
	5	0.749
	6	0.651
	Rev	4.999
Torque convertor & Ratio	TC 415	2.35
Rear axle Ratio	6.428	

### PERFORMANCE

Calculations based on 26.0 t GVM with 11R22.5 drive tyres	
Transmission	Automatic
Rear Axle Ratio	6.428
Engine RPM @ 100 km/h	2,200
Max theoretical speed (km/h)	122
Gradeability tan $\theta$ (%) @ GVM	47.5
Speed limited to (km/h)	100

### BRAKES

Type	Full Air, dual circuit, "S"cam
Drum & Lining sizes	Front : 410 x 150mm
Diameter x Width	Rear : 410 x 220mm
Auto adjusters	Equipped
Vehicle Stability Control (VSC)	Equipped
Anti-lock Braking System (ABS)	Equipped
Anti-Slip Regulator (ASR)	Equipped
Air Dryer	Equipped
Park Brake	Spring Brake, acting on FA & FR axles
Exhaust Brake	Equipped

### AXLE, SUSPENSION & LOAD LIMITS

FRONT	Front Axle Model	MF 78IR
	Type	I-Beam, Reverse Elliot
	Suspension	Taper leaf springs with shock absorbers & stabiliser
	Spring Dimensions Length x Width x Thickness x Number	1,700 x 90 x 28.8 x 1 1,700 x 90 x 30.3 x 1
	Spring Rate	32.8 kgf/mm
	Axle Limit (including suspension)	6,500 kg
	Tyre Limit	6,900 kg
	Rear Axle Model	SH17 with Tag Lazy axle
REAR	Type	Fully floating, single reduction, hypoid
	Suspension	Air bag
	Make	Hendrickson
	Model	HAS 460
	Height Control	Electronic Control Air Suspension (ECAS)
	Road Friendly N/o	N/o RF 2005
	Axle Limit (including suspension)	20,000 kg
	Tyre Limit	21,800 kg

### WHEELS & TYRES

Material	Polished Aluminium
Wheel type	10-stud disc (ISO) 335 PCD
Rim size (in)	22.5 x 8.25 – 165mm offset
Tyre size	Front: 295/80R22.5 152/148
	Rear: 11R22.5 148/145
Number of tyres	11
Spare Tyre Carrier	Equipped

### FUEL TANK

Material	Aluminium
Capacity	390L
Lockable cap	Equipped
Pre Filter & sedimenter	Equipped
AdBlue® tank capacity	59L

### STEERING

Type	Telescopic & tilt steering column with locking device. Recirculating ball with internal Power Steering
Steering Angles	Inner 49°
	Outer 34°



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## Cab, Instrumentation & Chassis

### CAB DETAILS

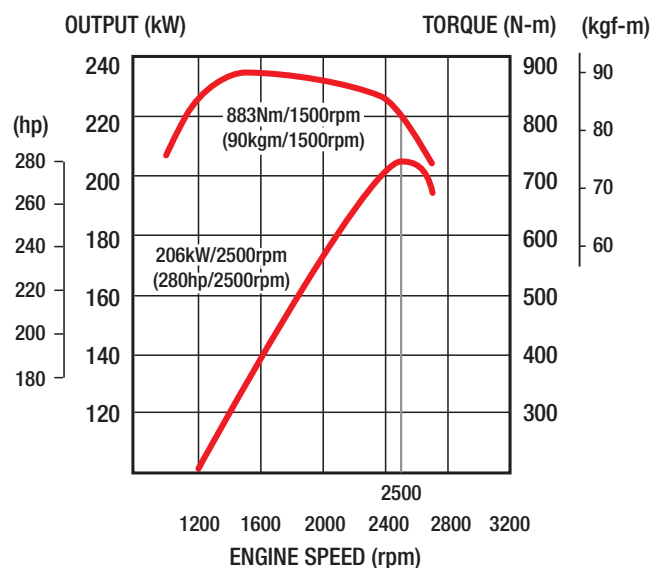
Type	Forward control, all-steel construction mounted on full floating coil spring suspension with electro hydraulic tilt mechanism
ECE R-29 Cab strength	Compliant
Drivers SRS Airbag	Equipped
Seating capacity	Three
Driver's seat	ISRI 6860/870 with urethane foam pads, high-back, lumbar support, multi adjustable, air suspended, with integrated safety belt
Side passenger's seat	Urethane foam pads, high-back & reclining seat with fabric cover, 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 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	External: Electric Control & heated flat type, Convex spotters both sides and Left side kerb view
12V/120w Socket	Equipped
Floor mat	Vinyl type
Central locking & keyless entry	Equipped
Heater and defroster	Standard
Air conditioner	Standard
Trim	Full trim type (side, roof & back)
Cab pockets	Equipped on both door sides
Power windows	Equipped
Rest area	Equipped
Multi media system	6.5" LCD, HD touch screen display with DAB+ AM/FM radio, AAUX input, Bluetooth® 4.a, Android 6.0 CANBUS connection and Wi-Fi enabled
Speakers	Driver & passenger
Foot rest	Equipped
Cup holders	Equipped
Cruise control	Equipped
Reverse camera	Equipped

### ELECTRICAL

Type	24V, negative earth
Batteries	12V x 2, series connection, 120 Ah
Alternator Type	Brushless, with built-in regulator
Capacity	24V, 90 Amp
Starter Type	24V, 5.0 kW
Headlamps	Halogen type with manual levelling
High/low beam	Equipped
LED Fog Lamps (white)	Equipped
Fluorescent Reading Lamp	Equipped
Electric air horn	Equipped

### POWER & TORQUE CHART (ISO NET) J08E-WA

J08E-WA



### INSTRUMENTS

Meters	Additional Switches & Controls
Speedometer	External flat mirror Control
Tachometer	Idle up Control
LCD Gauges	Quick warm up switch
Air pressure (2)	VSC/ASR off switch
Fuel	Headlight Levelling
AdBlue®	Fog Lamp
Engine Temperature	ECAS remote
Odometer plus trip meter	
Multi Information Display (MID)	
Fuel Consumption	
Service reminders	
Warnings	
Faults	

### CHASSIS FRAME

Type	Ladder-shaped channel section side rails with Grid hole design
Chassis outer width (at rear)	840mm
Main section (mm)	300 x 80 x 8.0
Depth x flange x Thickness)	
Tensile strength	620 N/mm <sup>2</sup> (63 kgf/mm <sup>2</sup> )
Front Underrun Protection (FUP)	Equipped
Front and rear tow hook	Equipped

### GENUINE ACCESSORY OPTIONS

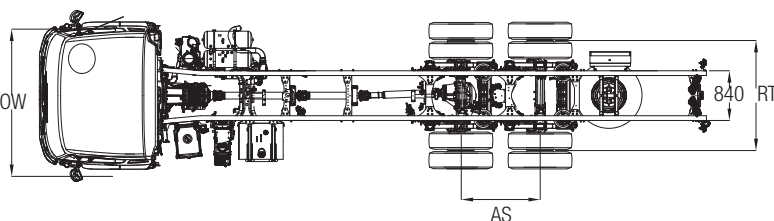
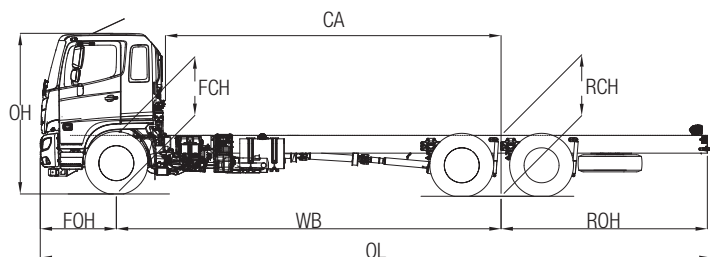
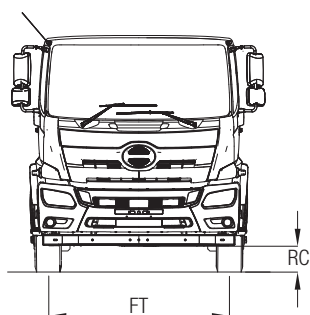
Bull bar	GPS Satellite Navigation
Stoneguard	External Vision Cameras (additional 3)
Sunvisor	LED Driving Lights
Seat covers	Hino Traq (Telematics)
Floor mats	Engine driven PTO
Dash mats	1:0.72 step-down
Weather shields	or 1:1.08 step-up

Please check with your dealer for price, availability & fitment for these options



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## Dimensions



# 500 Series

### DIMENSIONS – MM/CAPACITIES

Model	FL 2628 XX LONG
Transmission	AUTO
Model Code	FL8JW1G-WHU
Wheelbase (WB)	6,515
Axle Spread (AS)	1,340
Max Nominal Body length # (3.7M) + CA – 80)	9,305
Overall Length (OL)	11,345
Overall Width (OW)	2,490
Overall Height (OH)	2,760
Cab to Rear Axle Centre (CA)	5,685
Front Overhang (FOH)	1,280
Rear Overhang (ROH)	3,490
Front Chassis Height (FCH)	1,025
Rear Chassis Height (RCH)	1,040
Road Clearance (RC)	250
Front Track (FT)	2,050
Rear Track (RT)	1,840
Turning Circle Kerb to Kerb	21,800
Wall to Wall	23,400
Indicative Chassis Mass – kg (10 litres of fuel & spare tyre and subject to ± 3% Tolerance)	
Total	6,714
Front	3,629
Rear	3,085
GVM	26,000
GCM	38,000

# ROH may need to be extended to suit body length & and rear overhang is limited to 3.7m

### WARRANTY

#### New vehicle warranty period

Medium Duty Model	Axle configuration	Standard warranty (whichever comes first)	Cab corrosion perforation
500 FL 2628	6 x 2	3 years or 200,000km	36 months

Battery warranty – 12 months from date of delivery

\* For conditions, refer to the Hino Parts & Service warranty brochure

Genuine parts or accessories warranty – 3 years unlimited kilometres when fitted by an authorised Hino dealer \*



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