



# 700 SERIES

## FS 2632 AT LEAF



\*Overseas model pictured.  
May contain items not standard to the NZ model.

**Euro 6**  
Emissions Standard

6 x 4 Cab Chassis

### KEY FEATURES

- |  |  |
|--|--|
| ✓ Engine Retarder Brake (Jake Brake)                   | ✓ Euro 6 Emissions Standard  |
| ✓ ISRI NTSC2 Driver's Seat with integrated safety belt | ✓ Hino SmartSafe incl. PCS, VSC, ABS, EBS, ASR, LDWS, & Driver Monitor |
| ✓ Inter-Axle Differential & Cross Locks                | ✓ Adaptive Cruise Control  |
| ✓ LED Main Beam Headlamps with DRLs                    | ✓ Reverse Camera & Buzzer  |
| ✓ ECE-R29 Cab Strength Certified                       | ✓ Polished Aloca Alloy Wheels  |

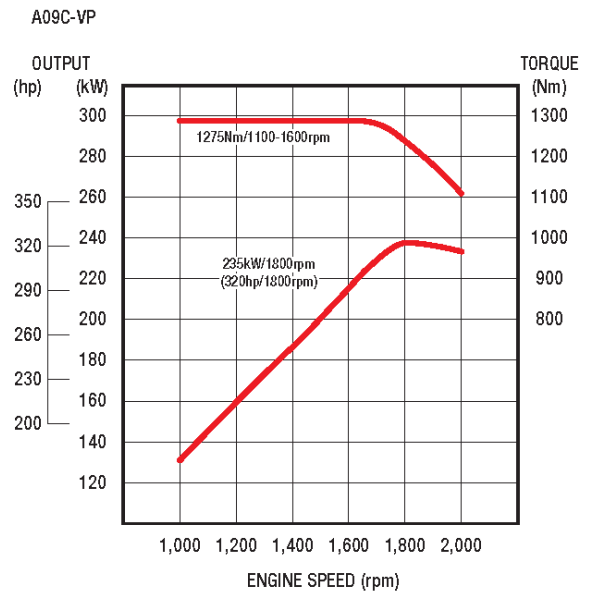
### KEY SPECIFICATIONS

GVM	26,000 or 18,000kg
GCM	36,500kg
Power	320hp / 235kW
Torque	1,275Nm
Transmission	6 Speed Automatic
Wheelbase	4.58m, 5.48m

## ENGINE

Model	HINO A09C-VP
Max. Output (ISO NET)	320hp / 235kW @ 1,800 RPM
Max. Torque (ISO NET)	1,275Nm @ 1,100-1,600 RPM
Max. Engine RPM	2,100 RPM
Engine Compliance	Euro 6
Type	Diesel, turbocharged & intercooled, 6 cylinder inline, 4 cycle, overhead camshaft, watercooled
Combustion System	Direct injection
Bore & Stroke	112 x 150mm
Piston Displacement	8.866L
Compression Ratio	17.0:1
Fuel Injection	Electronic control common rail
Air Compressor / Bore & Stroke	Single cylinder bore & stroke, 95 x 60mm
Air Cleaner	Behind cab mounted paper elements
Exhaust	Horizontal outlet
Emission Control System	DPR, EGR, & SCR (AdBlue®)
Engine Immobiliser	Equipped

## POWER & TORQUE CHART (ISO NET) A09C-VP



## PERFORMANCE

Calculations based on 26,000kg GVM with 11R22.5 tyres

Engine RPM @ 100km/h	1,788
Road Speed Limited to (km/h)	100
Max. Theoretical Speed (km/h)	117
Gradeability Tan (%) @ GVM	20.5

## TRANSMISSION & GEAR RATIOS

Make & Description	Allison 3200 Automatic	
Type	6 Speed Automatic with Overdrive	
Gear Ratios	1	3.487
	2	1.864
	3	1.409
	4	1.000
	5	0.750
	6	0.653
	Reverse	5.027
Torque Converter Ratio	1.77:1	
Final Drive Ratio	5.250:1	

## BRAKES

Type	Full air, taper roller, leading & trailing shoes (drum)	
Control	Dual circuit	
Drum Diameter x Lining Width	Front	406.4 x 152mm
	Rear	406.4 x 216mm
Air Dryer	Equipped	
Auto Brake Shoe Adjuster	Equipped	
Electronic Brake System (EBS)	Equipped	
Anti-Lock Brake System (ABS)	Equipped	
Anti-Slip Regulation (ASR)	Equipped	
Engine Brake (Jake Brake)	Equipped	
Exhaust Brake	Equipped	
Brake Sync	Brake pedal activated engine brake	

## FUEL TANK & SUPPLY

Material	Alloy
Fuel Capacity	390L
Lockable Fuel Cap	Equipped
Prefilter & Sedimentor	Equipped
AdBlue® Capacity	28L

## STEERING

Type	Telescopic tilt steering column, recirculating ball, integral power steering	
Gear Ratio	Variable	
Steering Angle	Inner – 49°	Outer – 34°

## ELECTRICAL

Type	24V negative earth	
Batteries	2 x 12V 120Ah 115F51	
Alternator Capacity	24V x 90A	
Starter Type	24V x 6.0kW	
Auto On/Off Headlamps	Low Beam: LED	High Beam: Halogen
Daytime Running Lamps (DRLs)	LED	
Cornering Lamps	Equipped	

## SAFETY FEATURES

### Active Safety Features - HINO SmartSafe

Vehicle Stability Control (VSC)	Equipped
Anti-Lock Brake System (ABS)	Equipped
Electronic Control Braking System (EBS)	Equipped
Pre-Collision System (PCS)	Equipped
PCS is inclusive of	Safety Eye (SE) Autonomous Emergency Braking (AEB) Pedestrian Detection (PD)
Driver Monitor (DM)	Equipped
Lane Departure Warning System (LDWS)	Equipped
Anti-Slip Regulation (ASR)	Equipped
Auto Brake Shoe Adjuster	Equipped
Engine Retarder (Jake Brake)	Equipped
Adaptive Cruise Control (ACC)	Equipped
Reverse Buzzer & Camera (RC)	Equipped

### Passive Safety Features

SRS Airbag	Equipped (for driver)
SRS Seat Belt Pretensioner	Equipped (for driver)
Front Underrun Protection Device (FUPD)	Equipped
ECE-R29 Cab Strength Certified	Equipped

## AXLE, SUSPENSION & LOAD LIMITS

Front	Front Axle Model	MF781R
	Front Axle Type	Reversed Elliot I Section Beam
	Front Suspension Type	Taper leaf springs with stabiliser
	Axle Limit (incl. Suspension)	7,500kg
Rear	Rear Axle Model	THD 17
	Inter-Axle Differential Lock	Equipped
	Differential Cross Lock	Equipped
	Rear Axle Type	Tandem drive with inter-axle differential & cross locks, full-floating single reduction, single-speed by hypoid
	Rear Suspension Type	Hino 6-Rod with taper leaf springs
	Axle Limit (incl. Suspension)	21,000kg

## WHEELS & TYRES

Wheel Type	Alcoa Alloy 10-stud (ISO 335 PCD)
Rim Size	22.5 x 8.25 (wide single 22.5 x 11.75 optional)
Tyre Size	11R22.5 (275/70R22.5 152/148 optional)
Number of Tyres	10

## CHASSIS FRAME

Main Section (depth x flange x thickness)	302 x 80 x 9.0mm
Chassis Width	840mm
Tensile Strength	620 N/mm <sup>2</sup> (63 kgf/mm <sup>2</sup> )
Tow Hook (Front & Rear)	Equipped
Type	Ladder-shaped channel section side rails

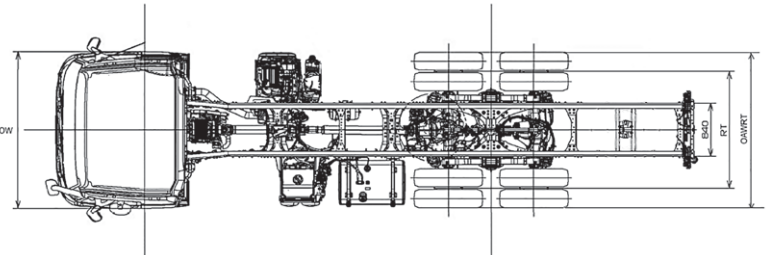
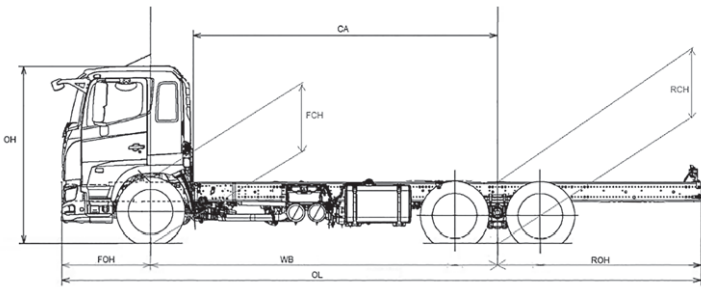
## CAB DETAILS

Type	Forward control, all steel, welded construction, fully floating air suspended with electro-hydraulic power tilt
Grille Colour	Chrome
Seating Capacity	2
Driver's Seat	ISRI 6860/870 NTSC2, 7-way adjustable
Side Passenger Seat	High-back, reclining seat with fabric cover
Seat Belts	Driver: 3-point pretensioner Passenger: 3-point type
Sunvisor & Overhead Console	Equipped
Windscreen Wipers	Triple arm wiper with intermittent & variable controls
Windscreen Glass	Heat-absorbing laminated glass
Cab Heater & Air Conditioner	Equipped
Auxiliary Power Supply	12V x 120W socket and USB 2.1A
External Rear-View Mirrors	2 flat type, electric and heated
	2 convex spotters and blind spotters
	LHS and front kerb view mirrors
Central Locking & Keyless Entry	Equipped
Cab Storage Pockets	Equipped
Power Windows	Equipped
Foot Rest	Equipped
Cup Holders	Centre tray and door pockets
Multimedia System	6.5" LCD, HD touch screen display with DAB+ AM/FM radio, AUX input, Bluetooth® 4.1, Android 6.0, CAN bus connected, and Wi-Fi enabled

## INSTRUMENTATION

LCD Display	Meters & Gauges
✓ Date, Day, & Time	✓ Speedometer
✓ Temperature Gauge	✓ Tachometer
✓ Fuel & AdBlue® Gauges	✓ Air Gauges
✓ Odometer & Hour Meter	Additional Switches & Controls
✓ Battery Warning	✓ VSC, PCS, & LDWS Off
Multi Information Display (MID)	✓ Air Con Controls
✓ General Information	✓ Inter-Axle Differential & Cross Locks
✓ Safety Feature Settings	✓ Brake Sync
✓ Cruise Control	✓ Shift Selector
✓ Eco Tree	✓ Idle Up
✓ Display Settings	✓ Quick Warm Up
✓ System Check	✓ DPR Regeneration
Steering Wheel & Column Controls	✓ ECO Run
✓ Cruise Control	✓ Powered Mirror Control
✓ MID Controls	✓ Mirror Heater
✓ Headlights, Indicators, Window Wipers	✓ Electronic Window Lock Out
✓ Engine Braking Control	✓ Headlight Leveller
✓ Handsfree Phone	✓ Hazard Lights

# HINO 700 SERIES - FS 2632 AT LEAF



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

## DIMENSIONS (MM)

Model	FS1ANKA-DXCPEAC	FS1ASKA-DXCPEAC
Product Code	FS 2632 AT LEAF 4575	FS 2632 AT LEAF 5475
Suspension	Leaf	
Wheelbase (WB)	4,575	5,475
Overall Length (OL)	7,935	10,085
Overall Width (OW)	2,490	
Overall Height (OH)	2,860	
Cab to Axle Centre (CA)	3,905	4,805
Front Overhang (FOH)	1,400	
Rear Overhang (ROH)	1,960	3,210
Front Chassis Height (FCH)	1,020	
Rear Chassis Height (RCH)	1,065	1,060
Front Track (FT)	2,050	
Rear Track (RT)	1,855	
Road Clearance (RC)	245	240
Kerb to Kerb	16,800	19,600
Wall to Wall	18,600	21,400
Indicative Chassis Mass (kg) – with 10L of fuel, no tools or spare tyre, and subject to a $\pm 3\%$ tolerance		
Total	7,665	7,855
Front	4,267	4,161
Rear	3,398	3,694
GVM	26,000 or 18,000	
GCM	36,500	

## WARRANTY (PLEASE REFER TO HDL WARRANTY CONDITIONS)

### Standard Warranty

24 months or 250,000kms  
(whichever comes first)

### Engine & Powerlines

36 months or 250,000kms  
(whichever comes first)

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