

616 STD Cab

HINO

3000 Series



*Image may contain items not standard to the model

4 x 2 Cab Chassis

KEY FEATURES

- Pre-Collision System (PCS) including AEB & PD
- Vehicle Stability Control (VSC)
- Lane Departure Warning System (LDWS)
- Daytime Running Lamps (DRL)
- Dual SRS Airbags
- Reverse Camera
- ECE R-29 Cab Strength Certified
- Cruise Control
- ADR 80/03 Emission level using Euro 5 Standard

KEY SPECIFICATIONS

GVM	4,495kg
.	optional 5,500kg
GCM	GVM + 3,500kg
.	Automatic up to 8,000kg
Power	150hp/110kW
Torque	420Nm
Transmissions	5 speed Manual
.	6 Speed Automatic
Wheelbases	2.5m, 3.4m
Max Nominal Body Length	3.4m, 4.8m

ENGINE

Model	Hino N04C-WL
Max. output (ISO Net) @ 2,500rpm	150hp/110kW
Max. torque (ISO Net) @ 1,400rpm	420Nm
Max. engine RPM	3,100
Engine compliance	ADR 80/03 using Euro 5 Standard
Type	Diesel, turbo & intercooled, 4 cylinder, OHV
Combustion system	Direct injection with EGR
Bore & stroke	104 x 118 mm
Piston displacement	4.009L
Fuel injection system	Electric control common rail
Air cleaner & intake	Under cab mounting dry paper element
Exhaust system	Horizontal outlet RHS
Emission control systems	DPR & DOC after treatments
Engine immobiliser	Equipped

CLUTCH (MANUAL MODELS ONLY)

Type	Dry Single plate with auto adjuster
Facing Diameter	325mm
Control	Hydraulic with vacuum booster

TRANSMISSION & GEAR RATIOS

Make, model & Description	MANUAL		AUTOMATIC	
	Hino RE50 5 speed with single overdrive		Hino A860E 6 speed with double overdrive	
GEAR RATIOS	1	5.342	1	3.742
	2	2.975	2	2.003
	3	1.604	3	1.343
	4	1.000	4	1.000
	5	0.712	5	0.773
			6	0.634
	Reverse	4.970	Reverse	3.539
Torque Converter & Ratio	NA		1.951	

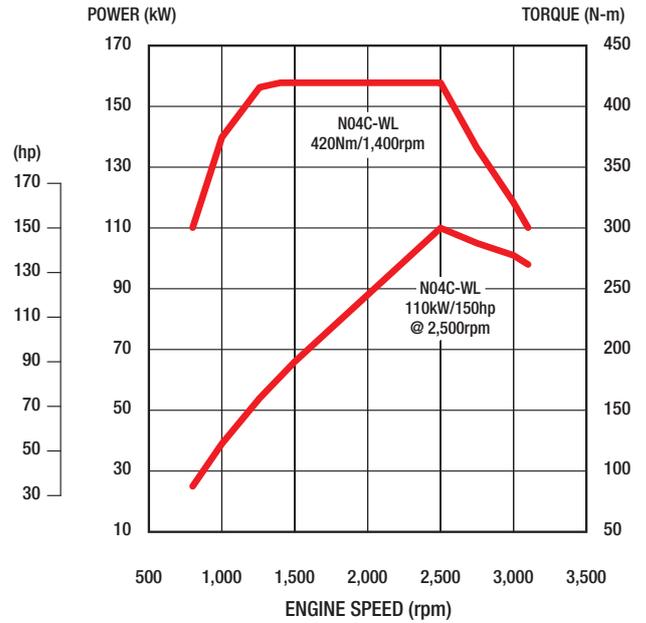
PERFORMANCE

Calculations based on 5.5T GVM with 185/85R16 tyres		
Engine RPM @ 100 km/h	2500	2230
Max theoretical speed km/h	124	139
Gradeability tan @ GVM	57.9%	60%
Rear axle ratio	4.625	4.625

BRAKES

Type	Ventilated disc front & rear
Control	Dual circuit VOH with power brake assist
Disc diameter	Front 296mm & Rear 281mm
ES Start	Equipped on Manual models
Exhaust Brake	Equipped
Park brake	Drum acting on transmission output shaft

POWER & TORQUE CHART (ISO NET) N04C-WL



SAFETY FEATURES

Active Safety Features		
Vehicle Stability Control	VSC	Equipped
Anti-lock Brakes System	ABS	Equipped
Pre-Collision System	PCS	Equipped
PCS is inclusive of	Autonomous Emergency Braking	AEB
	Pedestrian Detection	PD
Traction Control	TC	Equipped
Lane Departure Warning System	LDWS	Equipped
Reverse Camera	RC	Equipped
ES Start (MT models only)	ES	Equipped
Daytime Running Lamps	DRL	Equipped
Reverse Buzzer	Equipped	
Passive Safety Features		
ECE-R29 Cab Strength Certification	Equipped	
SRS airbags for driver & side passenger	Equipped	
SRS seatbelt pretensioner for driver & side passenger	Equipped	
Shock absorbing & collapsible steering column	Equipped	
Door Beams (anti side intrusion)	Equipped	

AXLE, SUSPENSION & LOAD LIMITS

	Front Axle Type	Independent Front Suspension (IFS)
FRONT	Suspension	Coil sprg, shock absorbers & Stabiliser bar
	Axle Limit (incl suspension)	2,400kg
	Tyre limit	2,180kg
REAR	Rear Axle Model & Type	SH12 fully floating single reduction
	Suspension	Taper leaf springs with Shock absorbers
	Axle Limit (incl suspension)	4,400 kg
	Tyre Limit	4,120 kg

CHASSIS FRAME

Type	Ladder-shaped channel section side rails
Chassis frame wheelbase variants	All
Depth Flange Thickness in mm	177.8 x 60 x 4.9
Chassis width (at rear)	700mm
Tensile Strength	540 N/mm ²
Tow Hook	Equipped (Front and Rear)

WHEELS & TYRES

Wheel type	5-Stud disc wheel (JIS type) PCD 203.2mm
Rim size	16" x 5.5" Offset 113mm
Tyre size	185/85R16 111/109
Number of wheels and tyres	Seven (7) including spare
Spare tyre carrier	Equipped

FUEL TANK & SUPPLY

Wheelbase (mm)	2,525	3,375
Material	Steel	
Tank Capacity	80L	100L
Lockable fuel cap	Equipped	
Fuel Filter	Primary, secondary & sedimenter	

ELECTRICAL

Type	24 volt negative earth system
Batteries	12 volt x 60 AH 55D23L x 2
Alternator capacity	80 amp
Starter type	24V-4.5kW
Headlamps	Halogen
Day time Running Lamps (DRL's)	Equipped
Electric horn	Equipped
Reverse Buzzer	Equipped

STEERING

Type	Telescopic and Tilt adjustable steering column, Rack & Pinion with integral power steering	
Steering Angle	Inside 39°	Outside 35°

GENUINE ACCESSORY OPTIONS

Bullbar	GPS navigation with live traffic truck spec
Chrome wheel covers	Nudge bar
Cameras (up to additional 3 extra)	Seat covers (Wool, Canvas, Carbon)
Dash Camera (DVR camera system)	Stone guard
Dash mat	Sunvisor
Floor mats	Weathershields

Please check with your dealer for availability, price & fitment

CAB EXTERIOR

Type	Forward control, all steel, welded construction, torsion-bar tilt mechanism, fully trimmed
Windscreen wipers washers	Dual wiper arms with intermittent & 2 speeds
Grille Colour	Painted same colour as the cab
Outside rearview mirrors	2 Flat type main, heated & electric control 2 convex spotter type, mounted below the main
Windscreen Glass	Heat absorbing laminated glass

CAB INTERIOR

Seating Capacity	Three (3)	
Driver's seat	2-way adjustable, urethane foam pads	
Assistant's Seat	Fixed bench, split back, urethane foam pads	
Seat Covering	Fabric cover	
Seat belts	Driver's seat	3-point Lap / Sash type with ELR and pre-tensioner
	Assistant's seat	
	Centre seat	2-point Lap type
SRS airbags	Driver & side passenger	
Sunvisor & overhead consoles	Driver & side passenger	
Inside rearview mirror	Single centre mounted flat type	
Lighter / 24 volt socket	Equipped	
Multimedia system	6.5" LCD, HD touch screen display with DAB+AM/FM radio, AUX input, Bluetooth 4.1, Android 6.0 CANBUS connected & Wi-Fi enabled	
Heater & Air conditioner	Equipped with 4 speed fan	
Central & remote door locking	Equipped with Immobiliser	
Power windows	Equipped	
Drivers footrest	Equipped for Auto models	
Driver's seat back pocket	Equipped	
Centre fold down tray	Equipped	
Cup holders	Sides of dash	
Tool kit & Jack	Equipped	
1 courtesy & 2 LED reading lights	Equipped	

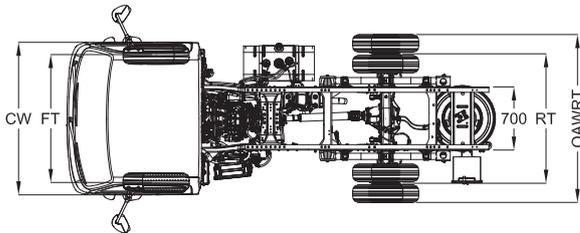
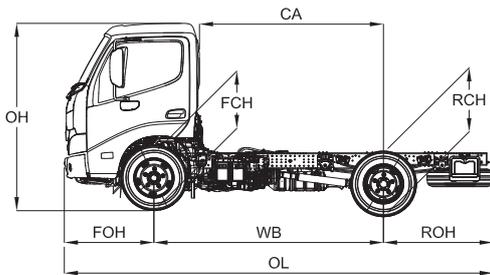
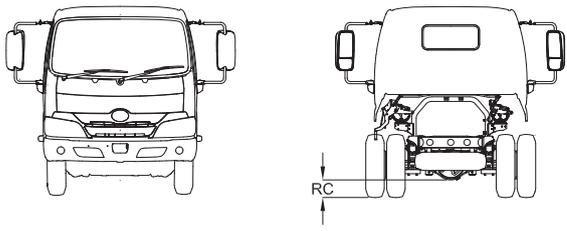
INSTRUMENTATION & CONTROLS

Meters & Gauges	Multi Information Display (MID)
Speedometer	Safety feature settings
Tachometer	General information settings
LCD Display	Eco driving
Clock	DPR filter gauge
Battery warning	Cruise control settings
Coolant	Dash mounted switches
Fuel	Heater & A/C controls
ODO meter	ES Start (MT models only)
Steering wheel & Column controls	LDWS off
MID setting	PCS off
Cruise control settings	VSC off
Hands free phone	Headlight leveller
Lights & Indicator	Hazard lights
Exhaust brake & wiper washer	DPR manual regeneration

616 STD Cab

300 Series

DIMENSIONS (MM) / WEIGHTS (KG) / CAPACITIES (L)



Model Description	616 MT 2525 STD	616 AT 2525 STD	616 AT 3375 STD
Product Code	XZU605R-WKMMSQ3	XZU605R-WKTMSQ3	XZU655R-WKTMSQ3
Nom Body length ((WBx.06)+CA-80)	3,460	3,460	4,820
Wheelbase (WB)	2,525	2,525	3,375
Overall length (OL)	4,710	4,710	5,965
Overall width (OW) (rear tyres)	1,850	1,850	1,850
Overall height (OH)	2,100	2,100	2,095
Cab to rear Axle centre (CA)	2,025	2,025	2,875
Front Overhang (FOH)	980	980	980
Rear Overhang (ROH)	1,135	1,135	1,580
Front Chassis Height (FCH)	660	660	655
Rear Chassis Height (RCH)	695	690	690
Road Clearance (RC)	170	170	170
Front Track (FT)	1,400	1,400	1,400
Rear Track (RT)	1,435	1,435	1,435
Turning Circle	Kerb to Kerb	9,600	12,600
	Wall to Wall	10,800	13,800
Indicative chassis mass—kg (STD tools, 10 litres of fuel, spare tyre & subject to a +/- 3% tolerance)			
Total	2,030	2,065	2,120
Front	1,370	1,390	1,430
Rear	660	675	690
GVM STD		4,495	
GVM Option		5,500	
GCM STD		7,995	
GCM with Optional GVM	9,000		8,000

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

WARRANTY

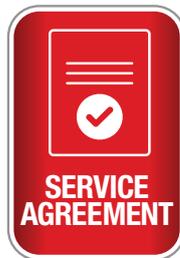
New vehicle warranty period

Light Duty Model	Axle configuration	Standard warranty (whichever comes first)	Cab corrosion perforation
300 Series	4 x 2	3 years or 100,000km	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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