

HINO

300 Series

616 STD Cab



*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 Convector & Ratio	NA		1.951	

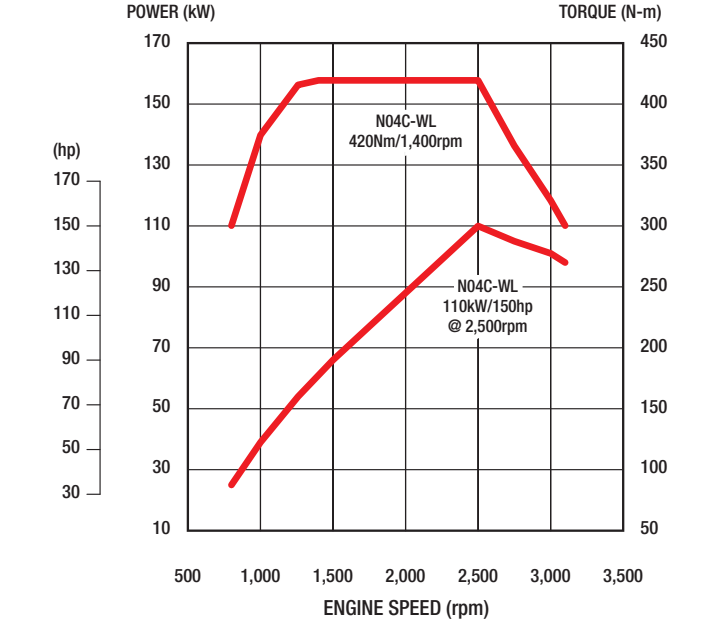
PERFORMANCE

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	Front Axle Type	Independent Front Suspension (IFS)
	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/mm²
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

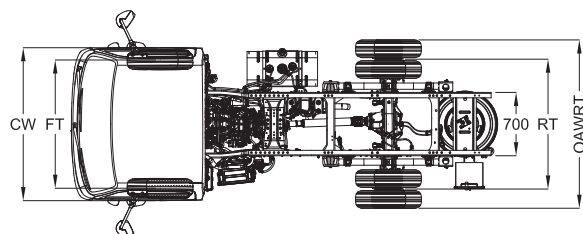
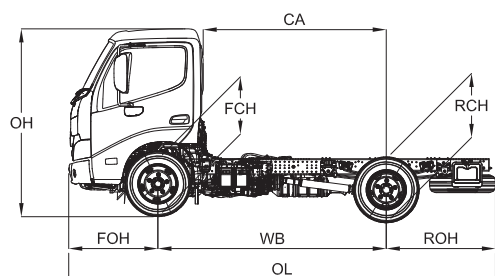
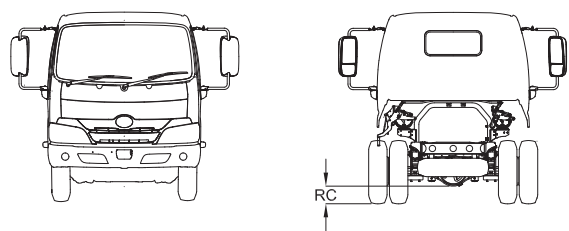
Seating Capacity		Three (3)
Driver's seat		2-way adjustable, urethane foam pads
Assistant's Seat		Fixed bench, split back, urethane foam pads
Seat Covering		Fabric cover
Seat belts	Driver's seat	3-point Lap / Sash type with ELR and pre-tensioner
	Assistant's seat	
	Centre seat	2-point Lap type
SRS airbags		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

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

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



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