

HINO

300 Series

Hybrid

ELECTRIC

hino.com.au

Hybrid TradeAce Range STD & Wide Cab



4x2 Tray Body

*Image may contain items not standard to the model

KEY FEATURES

Premium Bull bar (Wide Cab) Nudge Bar (STD Cab)
Pre-Collision System (PCS) including AEB & PD
Vehicle Stability Control (VSC) including ABS & TC
Lane Departure Warning System (LDWS)
Dual SRS Airbags
Reverse Camera
ECE R-29 Cab Strength Certified
**Cruise Control
ADR 80/03 Emission level using Euro 6 Standard
Hybrid drive system
STD and Wide cab variants

KEY SPECIFICATIONS

GVM Range. 4,495kg to 6,500kg
GCM Range. GVM + 3,500kg
Power 150hp/110kW
Torque (including Hybrid drive) 470Nm
Transmission 6 spd Automated Transmission
STD Cab Body Length x Width 4.4m x 1.8m
Wide Cab Body Length x Width 4.4m x 2.1m

Check the back page for individual variant dimensions & ratings

A Toyota Group Company



ENGINE

Engine model	Hino N04C-WR
Max. output (ISO Net) @ 2,700rpm	150hp/110kW
Max. torque (ISO Net) @ 1,200rpm	470Nm
Max. engine RPM	3,100
Engine compliance	ADR 80/03 using Euro 6 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	Dry paper element
Exhaust system	Horizontal outlet RHS
Emission control systems	DPR & SCR after treatments
Engine immobiliser	Equipped

CLUTCH

Type	Dry Single plate with auto adjuster
Facing Diameter	300mm
Control	Electronic with transmission

HYBRID DRIVE SYSTEM

Motor type	AC Synchronous motor
Rated voltage	201V
Max output	35kW @ 1600rpm
Idle stop	Equipped
Battery type	Nickel-Metal Hydride
Battery capacity	6.5 Ah

TRANSMISSION & GEAR RATIOS

Make, Model & Type	Hino RE62 6 speed with single overdrive	
Description	Automated Transmission, incorporating Hybrid electric drive	
Gear ratios	1	6.370
	2	3.870
	3	2.148
	4	1.461
	5	1.000
	6	0.703
	Reverse	5.926

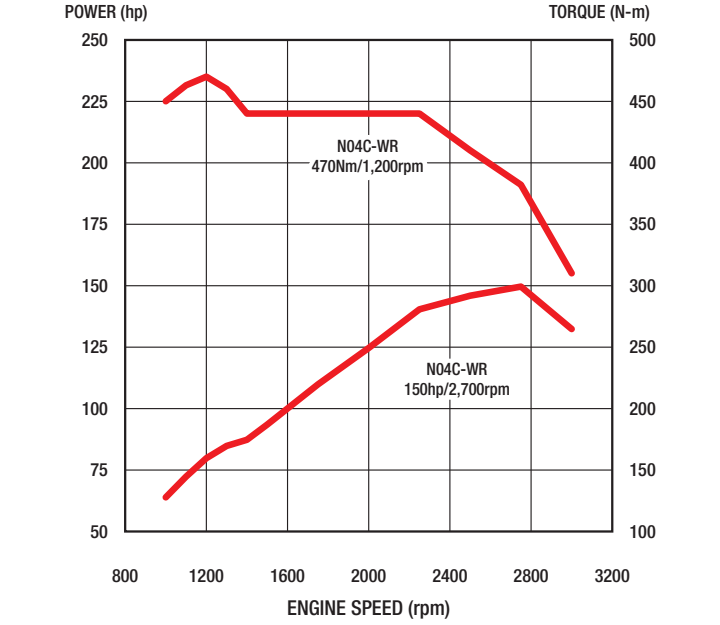
PERFORMANCE

Models	616 STD	616 Wide	716 Wide
Engine RPM @ 100 km/h	2,449	2,133	2,090
Max theoretical speed km/h	122	140	144
Gradeability tan @ GVM	60%	60%	50.1%
Rear axle ratio	4.625	4.100	4.100

BRAKES

Type	Ventilated disc front & rear
Control	Dual circuit VOH with power brake assist
ES Start	Equipped
Exhaust Brake	Equipped
Park brake	Drum acting on transmission output shaft

POWER & TORQUE CHART (ISO NET) N04C-WR



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	ES	Equipped
Reverse Buzzer		Equipped
Passive Safety Features		
ECE-R29 Cab Strength Certified		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

Models		616 STD	616 Wide	716 Wide
FRONT	Front Axle Type	IFS	Reverse Elliot I-beam	
	Suspension	Coil Sprg	Taper Leaf sprg with stabiliser	
	Axle Limit (incl suspension)	2,400kg	2,600kg	3,100kg
	Tyre limit	2,180kg	2,360kg	2,570kg
REAR	Rear Axle Model	SH12		
	Type	Fully floating single reduction		
	Suspension	Taper Leaf sprg, shock absorbers & Stabiliser bar		
	Spring	Main	Auxiliary	
	Dimensions (L & W)	1,300 x 70 mm	990 x 70 mm	
	Axle Limit (incl suspension)	4,400kg	4,400kg	5,100kg
Tyre Limit		4,120kg	4,400kg	4,860kg

CHASSIS FRAME

Type	Ladder-shaped channel section side rails		
Model	616 STD	616 Wide	716 Wide
Depth Flange Thickness in mm	177.8 x 60 x 4.9	190.8 x 65 x 4.9	192.8 x 65 x 5.9
Chassis width (at rear)	700mm	750mm	
Tensile Strength	540 N/mm²		
Tow Hook	Equipped		

WHEELS & TYRES

Models	616 STD	616 Wide	716 Wide
Wheel type	5-Stud JIS		6-Stud JIS
Pitch Circle Diameter (PCD)	203.2mm		
Rim size	16" x 5.5"		
Tyre size	185/85R16	195/85R16	205/85R16
Number of wheels and tyres	Seven (7) including spare		
Spare tyre carrier	Equipped		

FUEL TANK & SUPPLY

Models	616 STD	616 & 716 Wide
Material	Steel	
Tank Capacity (L)	100	80
Lockable fuel cap	Equipped	
Fuel Filter	Primary, secondary & sedimenter	
Adblue® Tank (L)	13	

ELECTRICAL

Type	24 volt negative earth system
Batteries	12 volt x 60 AH 55D23L x 2
Charging	80 amp supplied by Hybrid system
Engine Starter	Supplied by Hybrid system
Headlamps	Halogen
Electric horn	Equipped
Reverse Buzzer	Equipped

STEERING

Type	Telescopic and Tilt adjustable steering column, recirculating ball integral power steering		
Model	616 STD	616 Wide	716 Wide
Steering Angle	Inside	39°	51°
	Outside	35°	36°

GENUINE ACCESSORY OPTIONS

Chrome wheel covers	Seat covers (Wool, Canvas, Carbon)
Additional Cameras (up to 3 in total)	Stone guard
Dash and Floor mats	Towbar
Dash Camera (DVR)	UHF CB Radio Kit
Generic Lane Change Assist Kit	Weathershields
Satellite Navigation with Truck Dimensional & Load Specific settings	

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

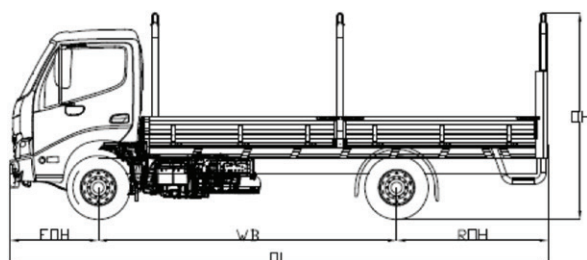
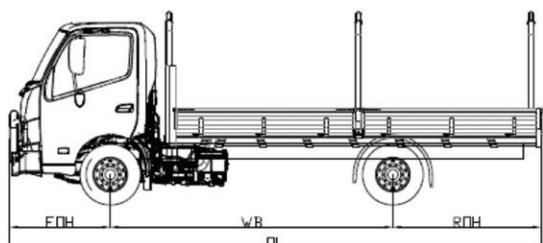
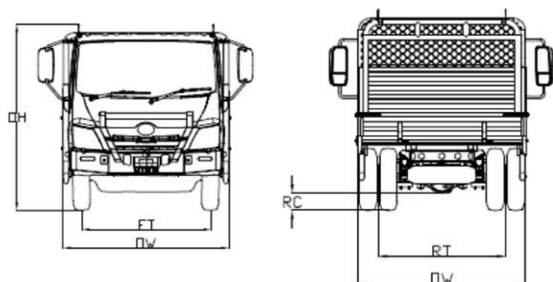
Seating Capacity		Three (3)
Driver's seat		2-way adjustable, urethane foam pads
		Suspension base for Wide cab models
Assistant's Seat		Fixed bench, split back, urethane foam pads
Seat Covering		Fabric cover
Seat belts	Driver's seat	3-point Lap/Sash type with ELR and pre-tensioner
	Assistant's seat	
		Centre seat
SRS airbags		Driver & side passenger
Sun visor & overhead consoles		Driver & side passenger
Inside rearview mirror		Single centre mounted flat type
Lighter/24 volt socket		Equipped
Multimedia unit		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
Driver's seat back pocket		Equipped
Centre fold down tray		Equipped
Cup holders		Sides of dash, & centre console (Wide cab only)
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 and Adblue®	Heater & A/C controls
ODO meter	ES Start
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

BUILT TO GO

Hybrid TradeAce Range STD & Wide Cab



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

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

Model Description	616 AMT 3375 STD HYBRID TradeAce	616 AMT 3430 WIDE HYBRID TradeAce	716 AMT 3430 WIDE HYBRID TradeAce
Product Code	XKU655R-WKVMVQ3 TA	XKU710R-WKVMVQ3 TA	XKU710R-WKVQVQ3 TA
Trade Ace Body Details			
Internal Body length	4435	4435	4435
Internal Body width	1800	2055	2055
Overall Height (Top of Ladder Rakes)	2300	2460	2460
Floor rating	4 tonnes	4 tonnes	4 tonnes
BullBar/Nudge Bar	Nudge Bar	BullBar	BullBar
Ladder racks & combined rating	2/350kg	2/350kg	2/350kg
Drop sides per side	2	2	2
Height of drop sides	257mm	365mm	365mm
Rope rails	40 x 3 mm	40 x 3 mm	40 x 3 mm
Dimensions – (mm) Weights – (kg)			
Wheelbase (WB)	3375	3430	3430
Overall length (OL)	6220	6485	6485
Cab Width (CW)	1695	1995	1995
Road Clearance (RC)	170	170	185
Front Track (FT)	1400	1665	1665
Rear Track (RT)	1435	1480	1520
Turning Circle	Kerb to Kerb	12600	11800
	Wall to Wall	13800	13200
Indicative chassis mass – kg (STD tools, 10 litres of fuel, spare tyre & subject to a +/- 3% tolerance)			
Total	2628	2905	3020
Front	1601	1834	1879
Rear	1027	1071	1141
Standard Ratings	GVM	4495	4495
	GCM	7995	7995
Optional Ratings	GVM	5500	5500
	GCM	9000	9000

WARRANTY

New vehicle warranty period

Light Duty Model	Axle configuration	Standard warranty (whichever comes first)	Cab corrosion perforation	Hybrid Nickel metal Hydride Battery (whichever comes first)
300 Hybrid Range	4 x 2	5 years or 250,000km	60 months	5 years or 250,000km

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 *

Built to Go Body warranty – 5 years or 250,000km (whichever comes first)



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