

HINO 300 Series

Hybrid Electric – Tipper Pro Range



*Image may contain items not standard to the model

4 x 2 Cab Chassis

KEY FEATURES

Factory Tipper bodies with drop sides
Twin barn door rear gates, body lock and rope rails
Pre-Collision System (PCS) including AEB & PD
Vehicle Stability Control (VSC)
Lane Departure Warning System (LDWS)
Dual SRS Airbags
Reverse Camera
ECE R-29 Cab Strength Certified
Cruise Control**
ADR 80/04 Emission level using Euro 6 Standard
Hybrid drive system
Hino-Connect Telematics

KEY SPECIFICATIONS

GVM Range 4,499kg to 8,000kg
GCM Range GVM + 3,500kg
Power 150hp/110kW
Torque (including Hybrid drive) 470Nm
Transmission 6 spd Automated Transmission
Wheelbases 3.4m
Max Nominal Body Length 3.6m

Check the back page for individual variant dimensions & ratings



ENGINE

Engine model	Hino N04C-WR
Max. output (ISO Net) @ 2,700rpm	150hp/110kW
Max. torque (ISO Net) @ 1,200rpm	470Nm
Max. engine RPM	3,000
Engine compliance	ADR 80/04 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

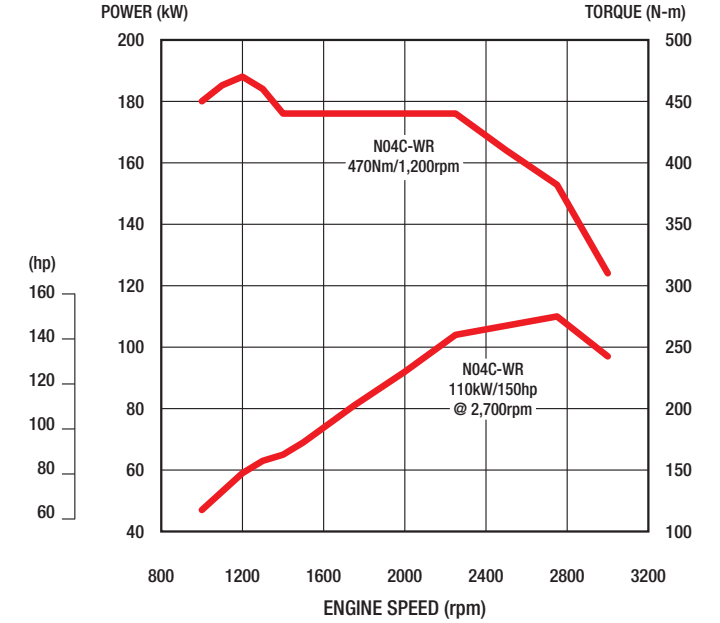
PERFORMANCE

Models	716 Wide	916 Wide
Engine RPM @ 100 km/h	2,090	2,458
Max theoretical speed km/h	144	122
Gradeability tan @ GVM	50.1%	44.1%
Rear axle ratio	4.100	5.142

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
	Lane Departure Warning System	LDWS
Traction Control	TC	Equipped
Reverse Camera	RC	Equipped
ES Start	ES	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

Models		716 Wide	916 Wide
FRONT	Front Axle Type	Reverse Elliot I-beam	
	Suspension	Taper Leaf sprg with stabiliser	
	Axle Limit (incl suspension)	3,100kg	3,100kg
	Tyre limit	2,570kg	3,100kg
	Rear Axle Model	SH12	SH13
REAR	Type	Fully floating single reduction	
	Suspension	Taper Leaf sprg, shock absorbers & Stabiliser bar	
	Axle Limit (incl suspension)	5,100kg	6,200kg
	Tyre Limit	4,860kg	6,000kg

CHASSIS FRAME

Type	Ladder-shaped channel section side rails
Model	716 / 916
Depth Flange Thickness in mm	192.8 x 65 x 5.9
Chassis width (at rear)	750mm
Tensile Strength	540 N/mm²
Tow Hook	Equipped

WHEELS & TYRES

Models	716	916
Wheel type	6-Stud JIS	
Pitch Circle Diameter (PCD)	203.2mm	222.25mm
Rim size	16" x 5.5"	17.5" x 6.0"
Tyre size	205/85R16	225/80R17.5
Number of wheels and tyres	Seven (7) including spare	
Spare tyre carrier	Equipped	

FUEL TANK & SUPPLY

Models	716/916
Material	Steel
Tank Capacity (L)	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 & Foglamps	LED
Electric horn	Equipped
Reverse Buzzer	Equipped

STEERING

Type	Telescopic and Tilt adjustable steering column, recirculating ball integral power steering		
Model	716	916	
Steering Angle	Inside	50°	44°
	Outside	36°	34°

GENUINE ACCESSORY OPTIONS

Bullbar	GPS nav with live traffic truck spec
Chrome wheel covers	Seat covers (Wool, Canvas, Carbon)
Cameras (up to additional 5 extra)	Stone guard
Dash Camera (DVR camera system)	Sunvisor
Dash mat	Weathershields
Floor mats	

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

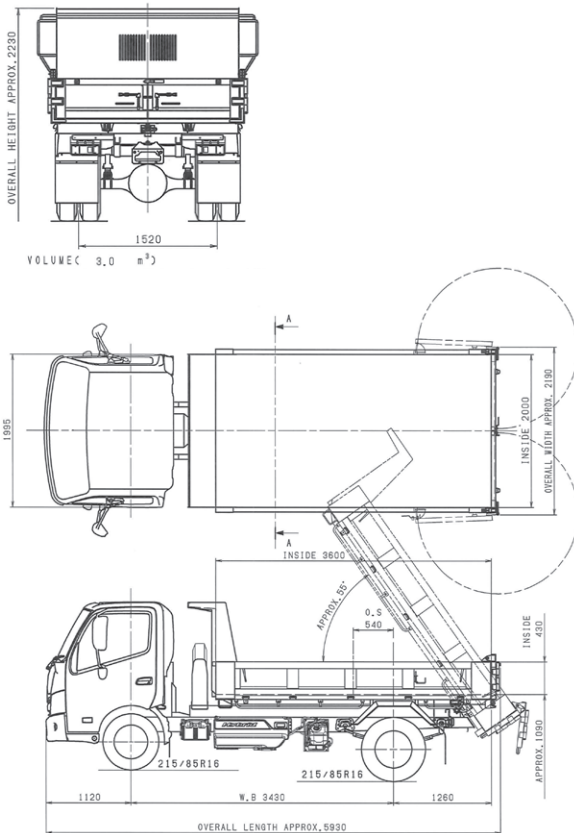
Seating Capacity		Three (3)
Driver's seat	2-way adjustable, urethane foam pads	
	Suspension base for Wide cab models	
Assistant's Seat	Fixed bench, split back, urethane foam pads	
Seat Covering		Fabric cover
Seat belts	Driver's seat	3-point Lap/Sash type with ELR and pre-tensioner
	Assistant's seat	
	Centre seat	2-point Lap type
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		10.1" UXGA capacity touch screen, wireless Apple CarPlay and Android auto compatible, AM/FM+RDS/DAB + radio, Bluetooth 5.0 phone and audio, input for up to 6 cameras, USB 2.0 and 3.0, 2.4 Ghz 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
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 and SCR warning
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

Hybrid Electric – Tipper Pro Range

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



Model Description	716 AMT 3430 Wide HV TIP PRO	916 AMT 3430 Wide HV TIP PRO
Product Code	XKU710R-WKVQVQ3 TP	XKU710R-WKVTVQ3 TP
Tipper Body		
Cubic capacity		3.0m³
Internal length (mm)		3,600
Internal width (mm)		2,000
Drop sides & tailgate height (mm)		430
Deck Plate thickness	3.2	4.5
Front Plate thickness	2.3	3.2
Drop sides thickness	2.3	3.2
Tipping Angle		55 deg
Hydraulic cylinder bore and stroke		100 x 480 mm
Hydraulic pump model		VC03-15
Control		Lever in cab
Body Lock		Equipped
Rear Gate type		Barn door
Swinging gates to allow clear access to deck		Equipped
Tailgate operation with tipper control		Auto release from bottom
Roprails		Equipped
Vehicle Details		
Wheelbase (WB)		3,430
Overall length (OL)		5,930
Overall width (OW)		2,190
Cab width		1,995
Overall Height (OH)	2,230	2,260
Front Overhang (FOH)		1,125
Road Clearance (RC)	180	200
Front Track (FT)		1,665
Rear Track (RT)	1,520	1,590
Turning Circle	Kerb to Kerb Wall to Wall	11,400 12,800
Indicative chassis mass - kg (STD tools, 10 litres of fuel, spare tyre & subject to a +/- 3% tolerance)		
Total	3,775	3,950
Front	TBA	TBA
Rear	TBA	TBA
Standard	GVM	6,500
Ratings	GCM	10,000
Optional	GVM	4,995
Ratings	GCM	7,995

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)	Hybrid Nickel metal Hydride Battery (whichever comes first)
300 Hybrid Range	4 x 2	5 years or 250,000km	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 *



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