



300 SERIES

915 AMT 3870 WIDE HYBRID



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

Euro 6
Emission Levels
4 x 2 Cab Chassis

KEY FEATURES

- | | |
|---|--|
| ✓ Vehicle Stability Control (VSC)
– incl. ABS & TC | ✓ Lane Departure Warning System (LDWS) |
| ✓ Pre-Collision System (PCS) | ✓ SRS Airbag System (Driver & Passenger) |
| ✓ Euro 6 Emission Standard | ✓ Reverse Camera |
| ✓ Cruise Control | ✓ Hybrid System equipped with Idle Stop |

KEY SPECIFICATIONS

GVM	8,500 or 5,995kg
GCM	12,000kg
Power	150hp
Torque	470Nm
Transmission	6 Speed AMT
Wheelbase	3.9m
Max Nominal Body Length	5.9m

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ENGINE

Model	HINO N04C-WR
Max. Output (ISO NET)	110kW (150 PS) at 2,700 r/min (ISO NET)
Max. Torque (ISO NET)	470Nm (46.1 kgfm) at 1,200 (ISO NET)
Max. Engine RPM	3,000 RPM
Engine Compliance	ADR 80/03 using Euro 6 Standard
Type	Diesel, turbocharged and intercooled, 4-cycle, in-line 4-cylinder, overhead valve, water-cooled
Combustion System	Compression ignition, four stroke
Bore & Stroke	104 x 118mm
Piston Displacement	4.009L
Compression Ratio	18.0:1
Fuel Injection	Electronic control common rail
Exhaust	Right side outlet type
Engine Immobiliser	Equipped

PERFORMANCE

Calculations based on 8,500kg GVM, 225/80R17.5 tyre

Engine RPM @ 122km/h	3,000
Max. Theoretical Speed (km/h)	122
Gradeability Tan (%) @ GVM	44.1

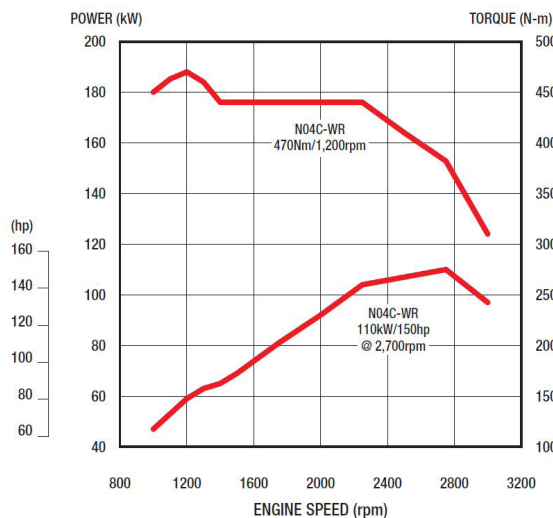
BRAKES

Type	Dual-circuit hydraulic, vacuum assist
Front Wheel Brake	Disc diameter 287mm, pad effective area 84cm ²
Rear Wheel Brake	Disc diameter 287mm, pad effective area 84cm ²
Vehicle Stability Control (VSC)	Equipped
Pre-Collision System (PCS)	Equipped
Anti-Lock Brake System (ABS)	Equipped (with power assist brake)
Traction Control (TC)	Equipped
Park Brake	Mechanical, internal expanding acting on transmission output shaft, non-folding lever
Exhaust Brake	Equipped

FUEL TANK

Fuel Capacity	80L
Lockable Fuel Cap	Equipped
Fuel Filter	Primary (with water separator) and secondary filter
Fuel Filler	Small-diameter (long type) neck

POWER & TORQUE CHART (ISO NET) N04C-WR



TRANSMISSION & GEAR RATIOS

Make & Description	Hino RE62 Automated Manual 6 Speed	
Type	Automated Manual Transmission with Overdrive	
Gear Ratios	1	6.370
	2	3.870
	3	2.148
	4	1.461
	5	1.000
	6	0.703
	Reverse	5.926
Rear Axle Ratio	5.142	

CLUTCH

Type	Dry single plate with damper springs, facing outside diameter 300mm, automatic gap adjuster
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INSTRUMENTATION

✓ Speedometer	✓ Time
✓ Odometer	✓ Date & Day
✓ Tachometer	✓ Cruise Control
✓ Temperature Gauge	✓ Eco Tree
✓ Fuel Gauge	✓ Display Setting
✓ LCD Display	✓ Safe Driving Settings
✓ Multi Information Display (MID)	✓ System Check
✓ General Information	✓ Steering Wheel Controls
✓ Hour Meter	

SAFETY FEATURES

Active Safety Features	
Vehicle Stability Control (VSC)	Equipped
Anti-Lock Brake System (ABS)	Equipped
Pre-Collision System (PCS)	Equipped
PCS is inclusive of	Safety Eye (SE), Autonomous Emergency Braking (AEB), Pedestrian Detection (PD)
Traction Control (TC)	Equipped
Lane Departure Warning System (LDWS)	Equipped
Reverse Camera (RC)	Equipped
Passive Safety Features	
SRS Airbag for Driver & Passenger	Equipped
SRS Seat Belt Pretensioner for Driver & Passenger	Equipped
Front Underrun Protection Device (FUPD)	Equipped
ECE-R29 Cab Strength Certified	Equipped

SUSPENSION & LOAD LIMITS

SUSPENSION & LOAD LIMITS		
Front	Front Axle Type	Reversed Elliot I Section Beam
	Suspension	Semi-elliptic main and auxiliary tapered leaf springs with double acting shock absorbers
	Axle Limit (incl. Suspension)	3,100kg
	Tyre Limit	3,100kg
Rear	Rear Axle Model	SH13
	Rear Axle Type	Full floating, single reduction, single speed by hypoid gearing
	Rear Suspension Type	Leaf spring
	Suspension Description	Semi-elliptic main and auxiliary tapered leaf springs with double acting shock absorbers
	Axle Limit (incl. Suspension)	6,200kg
	Tyre Limit	6,000kg

STEERING

Type	Telescopic and tilt steering column, rack and pinion power steering
Steering Angle – Inside	44°
Steering Angle – Outside	34°

ELECTRICAL

Type	24V negative earth
Batteries	2 x 12V 65Ah 80D26L
Alternator Capacity	80A supplied from H/V system
Headlamps	LED type
Hybrid System Type	Diesel-Electric Hybrid
Motor	AC Synchronous Motor 35kW
Battery	Nickel-Metal Hydride Battery, 201V 6.5Ah

WHEELS & TYRES

Wheel Type	17.5 x 6.0 steel wheel 6 stud
Rim Size	17.5 x 6.0
Tyre Size	225/80R17.5 123/122
Number of Tyres	7 incl. spare
Spare Tyre Carrier	Equipped

CHASSIS FRAME

Main Section (depth x flange x thickness)	192.8 x 65 x 5.9mm
Chassis Width	750mm
Tensile Strength	540 N/mm ²
Front Underrun Protection Device (FUPD)	Equipped
Tow Hook Capacity (Front & Rear)	Equipped
Type	Ladder-shaped channel section side rails

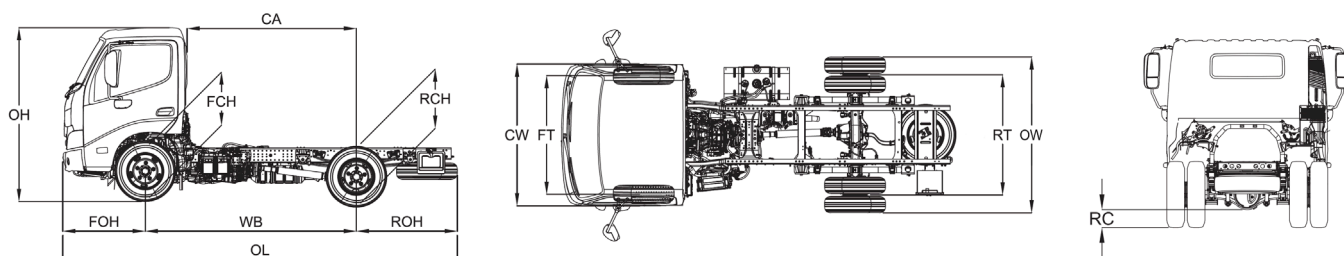
CAB DETAILS

Type	Forward control, all steel welded construction, high roof, mechanical tilt with torsion assist
Driver's Seat	4-way adjustable driver's seat
Seating Capacity	3
SRS Airbag System	Equipped (driver and passenger)
Seat Cover	Fabric type
Floor Covering	Vinyl type
Power Windows	Equipped
Air Conditioner	Equipped
Central Locking & Keyless Entry	Equipped
Internal & Rear View Mirrors	Equipped
Reading Lamp	Equipped
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
LCD Driver Instrument Panel	Equipped

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DIMENSIONS

Model	XKU720R-WKVTVQ3
Product Code	915 AMT 3870 WIDE HYBRID MY20
Wheelbase (WB)	3,870
Overall Length (OL)	6,750
Overall Width (OW)	2,065
Overall Height (OH)	2,245
Cab to Axle Centre (CA)	3,310
Front Overhang (FOH)	1,125
Rear Overhang (ROH)	1,755
Front Chassis Height (FCH)	725
Rear Chassis Height (RCH)	815
Road Clearance (RC)	200
Front Track (FT)	1,655
Rear Track (RT)	1,590
Indicative Chassis Mass (kg) – with 10L of fuel, standard tools, spare tyre, and subject to a ±3% tolerance	
Total	2,770
Front	1,800
Rear	970
GVM	8,500 or 5,995
GCM	12,000



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

WARRANTY

Standard Warranty	Engine & Powerlines
36 months or 100,000kms (whichever comes first)	36 months or 100,000kms (whichever comes first)

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