300 SERIES

915 AMT 3870 WIDE HYBRID

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

Euro 6
Emissions Standard

4 x 2 Cab Chassis

KEY FEATURES

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

KEY SPECIFICATIONS

GVM	8,500 or 5,995kg
GCM	11,500kg
Power	150hp / 110kW
Torque	470Nm
Transmission	6 Speed AMT
Wheelbase	3.9m

ENGINE

Model	HINO N04C-WR
Max. Output (ISO NET)	150hp / 110kW @ 2,700 RPM
Max. Torque (ISO NET)	470Nm @ 1,200 RPM
Max. Engine RPM	3,000 RPM
Engine Compliance	ADR 80/04 using Euro 6 Standard
Type	Diesel, turbocharged and intercooled, 4 cylinder, overhead valve, water-cooled
Combustion System	Direct injection with EGR
Bore & Stroke	104 x 118mm
Piston Displacement	4.009L
Compression Ratio	18.0:1
Fuel Injection	Electronic control common rail
Air Cleaner & Intake	Dry paper element
Exhaust	Horizontal outlet RHS
Emission Control System	DPR & SCR (AdBlue®) after treatments
Engine Immobiliser	Equipped

PERFORMANCE

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

Engine RPM @ 100km/h	2,458
Max. Theoretical Speed (km/h)	122
Gradeability Tan (%) @ GVM	33.3

BRAKES

Type	Ventilated disc front and rear	
Control	Dual-circuit hydraulic, vacuum assist	
Disc Diameter x Pad Effective Area	Front	287mm x 84mm²
	Rear	287mm x 84mm²
Air Dryer	Equipped	
Vehicle Stability Control (VSC)	Equipped	
Pre-Collision System (PCS)	Equipped	
Anti-Lock Brake System (ABS)	Equipped	
Traction Control (TC)	Equipped	
Park Brake	Mechanical, internal expanding acting on transmission output shaft, non-folding lever	
Exhaust Brake	Equipped	
Easy Start Hill Assist (ES)	Equipped	

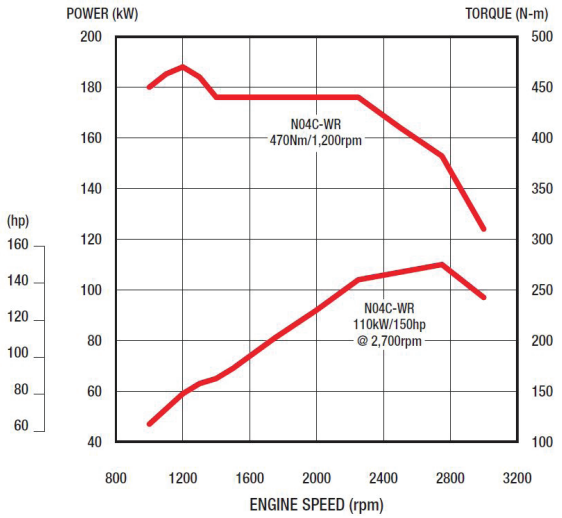
CLUTCH

Type	Dry single plate with damper springs and auto adjuster
Facing Diameter	300mm
Control	Electronic with transmission

STEERING

Type	Telescopic tilt steering column, recirculating ball, integral power steering	
Steering Angles	Inside – 44°	Outside – 34°

POWER & TORQUE CHART (ISO NET) N04C-WR



TRANSMISSION & GEAR RATIOS

Make & Description		Hino RE62, Automated Manual 6 Speed
Type		Automated Manual 6 Speed 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

ELECTRICAL

Type	24V negative earth
Batteries	2 x 12V 60Ah 55D23L
Alternator Capacity	80A supplied from Hybrid system
Headlamps	LED
Electric Air Horn	Equipped
Reverse Buzzer	Equipped
Hybrid System Type	Diesel-Electric Hybrid
Motor	AC Synchronous Motor 35kW
Battery	Nickel-Metal Hydride Battery, 201V 6.5Ah

HYBRID DRIVE SYSTEM

Hybrid System Type	Diesel-Electric Hybrid
Motor Type	AC Synchronous Motor 35kW
Rated Voltage	201V
Max Output	35kW @ 1,600 RPM
Battery Type	Nickel-Metal Hydride
Battery Capacity	6.5Ah
Idle Stop	Equipped

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
Reverse Buzzer	Equipped
Easy Start Hill Assist (ES)	Equipped
Passive Safety Features	
SRS Airbag	Equipped (for driver and passenger)
SRS Seat Belt Pretensioner	Equipped (for driver and passenger)
Front Underrun Protection Device (FUPD)	Equipped
ECE-R29 Cab Strength Certified	Equipped

AXLE, SUSPENSION & LOAD LIMITS

Front	Front Axle Type	Reverse Elliot I-Section Beam
	Front Suspension Type	Parabolic main & auxilliary leaf springs with shock absorbers and stabiliser bar
	Axle Limit (incl. Suspension)	3,100kg
	Tyre Limit	3,100kg
Rear	Rear Axle Model	SH13
	Rear Axle Type	Fully floating, single reduction by hypoid gears
	Rear Suspension Type	Taper leaf main and auxiliary with shock absobers and stabiliser
	Axle Limit (incl. Suspension)	6,200kg
	Tyre Limit	6,000kg

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 (55 kgf/mm^2)
Tow Hook (Front & Rear)	Equipped
Type	Ladder-shaped channel section side rails

FUEL TANK & SUPPLY

Material	Steel
Fuel Capacity	80L
Lockable Fuel Cap	Equipped
Prefilter & Sedimenter	Equipped
AdBlue® Capacity	13L

CAB DETAILS

Type	Forward control, all steel construction with torsion bar tilt mechanism, fully trimmed
Grille Colour	White
Seating Capacity	3
Driver's Seat	4-way adjustable, urethane foam pads
Side Passenger Seat	Fixed bench, split back, urethane foam pads
Seat Covering	Fabric type
Seat Belts	3-point lap sash for driver and side passenger, 2-point lap for centre position
Sunvisor & Overhead Console	Equipped (for driver and side passenger)
Windscreen Wipers	2-arm wiper and washers, 2-speed with intermittent
Cab Heater & Air Conditioner	Equipped with 4-speed fan
Auxiliary Power Supply	24V socket
Rear-View Mirrors	**Internal:** Single centre mounted flat type **External:** Aspherical type, long stay, 2 convex spotters
Floor Covering	Vinyl type
Central Locking & Keyless Entry	Equipped with immobiliser
Cab Storage Pockets	Equipped in driver's seat back pocket
Centre Fold Down Tray	Equipped
Power Windows	Equipped
Foot Rest	Equipped
Multimedia System	10.1" UXGA capacity touch screen, wireless Apple CarPlay and Android Auto compatible, AM/FM+RDS/ DAB+radio, Bluetooth 5.0 phone & audio, input for up to 6 cameras, USB 2.0 and 3.0, 2.4GHz Wi-Fi enabled

INSTRUMENTATION

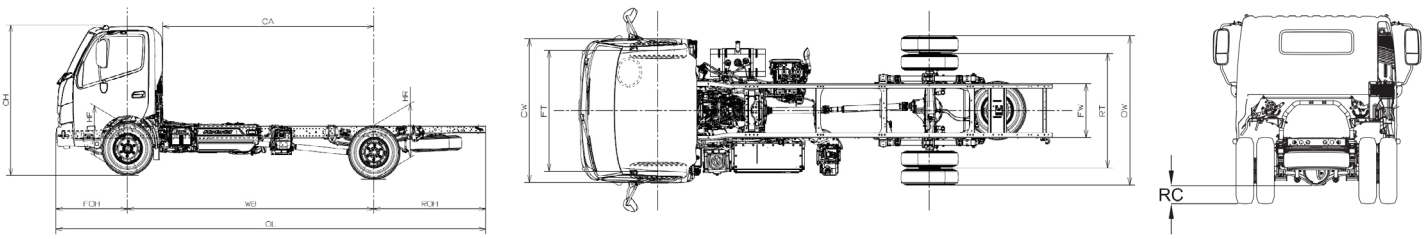
LCD Display	Steering Wheel & Column Controls
✓ Date, Day, & Time	✓ Cruise Control
✓ Temperature Gauge	✓ MID Controls
✓ Fuel & AdBlue® Gauges	✓ Headlights & Indicators
✓ Odometer & Hour Meter	✓ Window Wiper Controls
Multi Information Display (MID)	**Additional Switches & Controls**
✓ General Information	✓ External Flat Mirror Control
✓ Cruise Control	✓ VSC, PCS, & LDWS Off
✓ Eco Tree	✓ Idle Up & Quick Warm Up
✓ Display Setting	✓ Mirror Heater
✓ Safe Driving Settings	✓ Engine Brake
✓ System Check	✓ DPR Regeneration
Meters & Gauges	✓ Headlight Leveller
✓ Speedometer	✓ Hazard Lights
✓ Tachometer	✓ ES Start Control

WHEELS & TYRES

Wheel Type	6-stud disc wheel (JIS type) PCD 222.25mm
Rim Size	17.5" x 6.0"
Tyre Size	225/80R17.5 123/122
Number of Tyres	7 incl. spare
Spare Tyre Carrier	Equipped

DIMENSIONS (MM)	
Model	XKU720R-WKVTVQ3
Product Code	915 AMT 3870 WIDE HYBRID MY26
Suspension	Leaf
Wheelbase (WB)	3,870
Overall Length (OL)	6,750
Cab Width (CW)	1,995
Overall Width (OW) – at rear tyres	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
Front Track (FT)	1,665
Rear Track (RT)	1,590
Road Clearance (RC)	200
Kerb to Kerb	13,800
Wall to Wall	15,200
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	11,500

CHASSIS DRAWINGS (PLEASE REFER TO DIMENSIONS TABLE ABOVE)



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

WARRANTY (PLEASE REFER TO HDL WARRANTY CONDITIONS)	
Standard Warranty	Engine & Powerlines
36 months or 100,000kms (whichever comes first)	

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