



# 300 SERIES

617 MT 3870 CREW



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

**Euro 5**  
Emission Levels  
4 x 2 Cab Chassis

## KEY FEATURES

- |   |   |
|---|---|
| ✓ Vehicle Stability Control (VSC)<br>– incl. ABS & TC | ✓ SRS Airbag System<br>(Driver & Passenger) |
| ✓ Pre-Collision System (PCS)                          | ✓ Reverse Camera                            |
| ✓ Lane Departure Warning System<br>(LDWS)             | ✓ ECE-R29 Cab Strength Certified            |
| ✓ Cruise Control                                      | ✓ ES Start (Hill Start System)              |

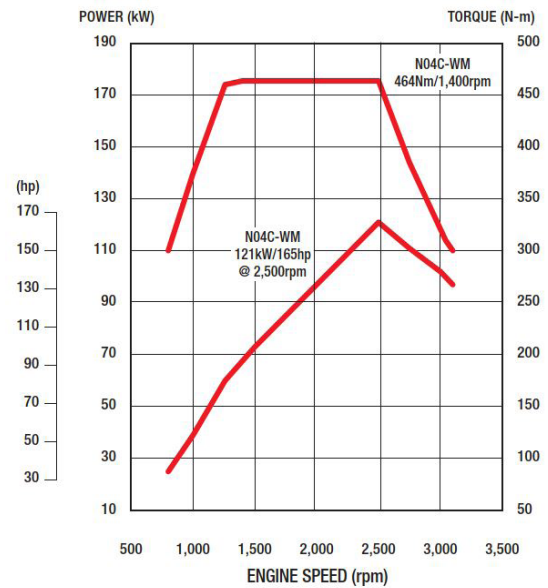
## KEY SPECIFICATIONS

GVM	5,995kg
GCM	9,000kg
Power	165hp
Torque	464Nm
Transmission	6 Speed Manual
Wheelbase	3.9m
Max Nominal Body Length	4.8m

## ENGINE

Model	HINO N04C-WM
Max. Output (ISO NET)	121kW (165 PS) at 2,500 r/min (ISO NET)
Max. Torque (ISO NET)	464Nm (47.3 kgfm) at 1,400–2,500 r/min (ISO NET)
Max. Engine RPM	3,100 RPM
Engine Compliance	ADR 80/03 using Euro 5 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	Short tail type
Engine Immobiliser	Equipped

## POWER & TORQUE CHART (ISO NET) N04C-WM



## PERFORMANCE

Calculations based on 5,995kg GVM with 195/85R16 tyres

Engine RPM @ 145km/h	3,100
Max. Theoretical Speed (km/h)	145
Gradeability Tan (%) @ GVM	60

## BRAKES

Type	Dual-circuit hydraulic, vacuum assist
Front Wheel Brake	Disc diameter 296mm, pad effective area 78.4cm <sup>2</sup>
Rear Wheel Brake	Disc diameter 281mm, pad effective area 72.4cm <sup>2</sup>
Vehicle Stability Control (VSC)	Equipped
Pre-Collision System (PCS)	Equipped
Anti-Lock Brake System (ABS)	Equipped (with power assist brake)
Traction Control (TC)	Equipped
Easy Start Hill Assist (ES)	Equipped
Park Brake	Mechanical, internal expanding acting on transmission output shaft, non-folding lever
Exhaust Brake	Equipped

## FUEL TANK

Fuel Capacity	100L
Lockable Fuel Cap	Equipped
Fuel Filter	Primary (with water separator) and secondary filter
Fuel Filler	Small-diameter (long type) neck

## TRANSMISSION & GEAR RATIOS

Make & Description	Hino RE61 Manual 6 Speed	
Type	Manual with Overdrive	
Gear Ratios	1	6.370
	2	3.870
	3	1.913
	4	1.461
	5	1.000
	6	0.703
	Reverse	5.926
Rear Axle Ratio	4.100	

## CLUTCH

Type	Dry single plate with damper springs, facing outside diameter 325mm, automatic gap adjuster
Control	Hydraulic with air booster

## 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
Easy Start Hill Assist (ES)	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
LED Day Running Lights	Equipped

## SUSPENSION & LOAD LIMITS

Front	Front Axle Type	Reversed Elliot I Section Beam
	Suspension Description	Semi-elliptic main and auxiliary tapered leaf springs with double acting shock absorbers
	Axle Limit (incl. Suspension)	2,600kg
	Tyre Limit	2,360kg
Rear	Rear Axle Model	SH12
	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)	4,400kg
	Tyre Limit	4,400kg

## STEERING

Type	Telescopic and tilt steering column, rack and pinion power steering
Steering Angle – Inside	51°
Steering Angle – Outside	36°

## ELECTRICAL

Type	24V negative earth
Batteries	2 x 12V 65Ah 80D26L
Alternator Capacity	24V x 80A
Headlamps & DRL's	LED type

## WHEELS & TYRES

Wheel Type	16 x 5.5 steel wheel 5 stud
Rim Size	16 x 5.5
Tyre Size	195/85R16 114/112
Number of Tyres	7 incl. spare
Spare Tyre Carrier	Equipped

## CHASSIS FRAME

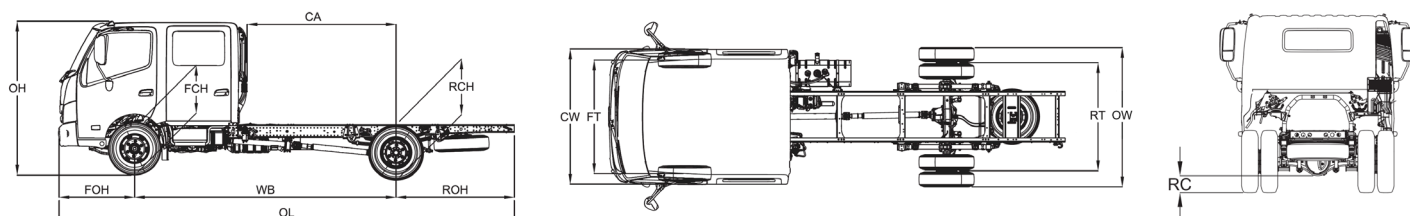
Main Section (depth x flange x thickness)	192.8 x 65 x 5.9mm
Chassis Width	750mm
Tensile Strength	540 N/mm <sup>2</sup>
Front Underrun Protection Device (FUPD)	Equipped
Tow Hook Capacity (Front & Rear)	Equipped
Type	Ladder-shaped channel section side rails

## 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	7
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

## DIMENSIONS

Model	XZU720R-ZKFMTQ3
Product Code	617 MT 3870 WIDE CREW MY20
Wheelbase (WB)	3,870
Overall Length (OL)	6,740
Overall Width (OW)	1,995
Overall Height (OH)	2,205
Cab to Axle Centre (CA)	2,195
Front Overhang (FOH)	1,115
Rear Overhang (ROH)	1,755
Front Chassis Height (FCH)	675
Rear Chassis Height (RCH)	750
Road Clearance (RC)	170
Front Track (FT)	1,655
Rear Track (RT)	1,480
<b>Indicative Chassis Mass (kg) – with 10L of fuel, standard tools, spare tyre, and subject to a ±3% tolerance</b>	
Total	2,545
Front	1,715
Rear	830
GVM	5,995
GCM	9,000



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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