



300
S E R I E S

615 Auto



KEY FEATURES

- Wide Cabin
- Dual SRS Airbags
- Disc Brakes
 - Front & Rear
 - ABS, VSC & TRC – all STD
- Energy Absorbing Steering Wheel
- Driver's seat suspension
- Emission Standard Euro 5

KEY SPECIFICATIONS

- GVM** 5500kg
- GCM** 7300kg
- Engine** . . . 4.0-litre, Common Rail, Direct Injection
Turbocharged and Intercooled
- Power** 110kW (150Hp) @ 2500 RPM (ISO)
- Torque** 420Nm @ 1400 RPM (ISO)
- Wheelbase** 3430mm





615 Auto

XZU710R-HKTMSQ3

615 Medium Auto

Engine, Driveline & Chassis specifications

ENGINE

Engine Hino N04C US
 Max output (ISO Net) 110kW (150Hp) at 2500 RPM
 Max torque (ISO Net) 420Nm at 1400 RPM
 Maximum engine speed 3100 RPM
 Type Diesel, four cycle, four-cylinder in line, overhead valve, water cooled
 Combustion system Direct injection type
 Bore & stroke 104 x 118mm
 Piston displacement 4.009 litres
 Fuel injection system Electronic control, common rail type
 Air intake system Turbo inter-cooled, stack-type air intake
 Air cleaner Paper element
 Fan clutch Equipped
 Exhaust system Catalytic Convertor with Diesel Particulate Active Reduction System (DPR)
 Exhaust outlet Horizontal
 Emission control system EGR & DPR meeting Euro 5 emission levels

TRANSMISSION

Model A860E
 Type Automatic six speed with double overdrive

BRAKES

Service brakes Hydraulic system with ventilated disc brakes front and rear
 Control Vacuum servo with hydraulic assist & dual circuits
 Front disc diameter 296mm
 Rear disc diameter 281mm
 Anti-lock system (ABS) Equipped
 Vehicle Stability Control Equipped
 Traction Control Equipped
 Exhaust brake Electric-vacuum actuator with valve in exhaust pipe
 Park brake Rear of transmission

PERFORMANCE & GEAR RATIOS

Engine RPM @ 100km/h 2170
 Maximum speed (km/h) 143
 Gradeability tan θ % @ GVM 60.0
 Final drive ratio 4.625:1

A860E

1st 3.743	5th 0.773
2nd 2.003	6th 0.634
3rd 1.343	Rev 3.697
4th 1.000	

AXLE LOAD & TYRE LOAD LIMITS

Front Axle 2600kg
 Tyres 2360kg
 Rear axle 4400kg
 Tyres 4400kg
 Front axle type I Beam
 Rear axle type SH12 full-floating, single reduction, single speed by Hypoid gears

SUSPENSION

Front Suspension

Leaf Semi-elliptic taper leaf springs with shock absorbers & stabiliser

Spring dimensions, span & width 1250mm x 70mm

Rear Suspension

Leaf Semi-elliptic main and auxiliary tapered Leaf springs with silencers and shock absorbers

Spring dimensions, span & width 1300mm x 70mm

Auxiliary springs 900mm x 70mm

WHEEL & TYRES

Wheel type 5-stud disc wheel
 Wheel & rim size 195/85R16 114/112 & 16x5.5K
 Number of tyres Seven including spare
 Spare tyre carrier Equipped

ELECTRICAL

Type 24 volt, negative earth
 Batteries 12V x 2, series connected
 Alternator type Built-in rectifier and voltage regulator
 Capacity 24V – 80 Amp
 Starter Capacity 24V, 4.5kW



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XZU710R-HKTMSQ3 615 Medium Auto

Cab Equipment & Instrumentation

CHASSIS FRAME

Type	Ladder-shaped channel section side rails
Chassis width at rear	750mm
Max section (depth x flange x thickness)	190.8 x 65 x 6.0mm
Tensile strength	540N/mm ²
Towing hooks.	Equipped at front and rear
Front bumper.	Painted to cabin colour

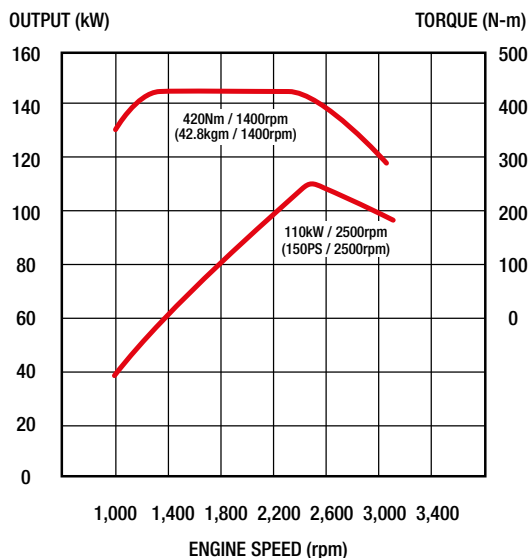
CAB EXTERIOR

Type	Forward control, all steel welded construction, torsion-bar tilt mechanism, fully trimmed
Windscreen wipers.	Electric, dual wipers, intermittent and 2-speed
Outside rear mirrors	Two, pillar mounted curved
Radiator grille	Painted same colour as cabin
Lamps	Halogen headlamps, fog lamps

CAB INTERIOR

Steering	Telescopic tilt column with integral power steering
Windscreen glass	Laminated glass
Seating capacity	Three
Driver's seat	4-way adjustable, urethane foam pads, high-back, lumbar support & suspension base
Assistant's seat	Fixed bench, urethane foam pads, high-back seat
Seat cover.	Fabric cover
Seat Belts	
Driver's seat	3-point type with ELR and pre-tensioner
Assistant's seat	3-point type with ELR and pre-tensioner
Centre passenger's seat.	2-point type
Front Sun visors.	For driver and passenger
Ventilator	Forced type by electric blower
Inside rear mirror	One, flat type
Cigarette lighter (24 volt)	Equipped
Audio	AM/FM radio with CD player
Heater and defroster	Equipped
Air conditioner	Equipped
Remote door locking	Equipped
Immobiliser	Equipped
Power Windows.	Equipped
SRS airbag	Equipped for driver and left side passenger
Seat back console	Equipped (centre)
Overhead consoles.	For driver and passenger
Cup holder.	Equipped

POWER & TORQUE CHART (ISO NET) N04C US



INSTRUMENTS

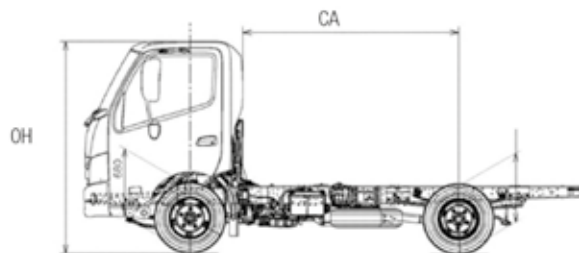
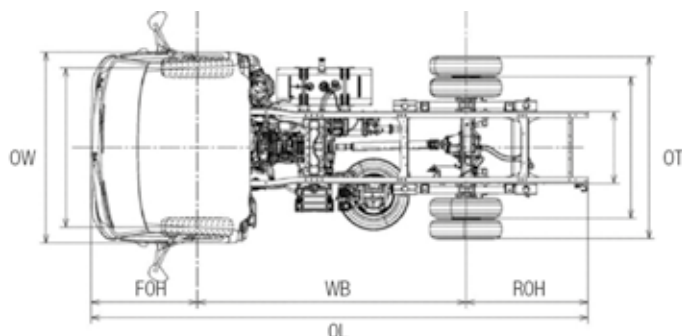
- Meters and gauges**
km-kg system
Engine tachometer
- Warning, pilot lamps and buzzers**
Turning signal & hazard indicator lamp
Exhaust brake indicator lamp
Engine oil pressure warning lamp
Battery charge warning lamp
High beam indicator lamp
Parking brake indicator lamp
Engine malfunction indicator lamp
Fuel level warning lamp
Fuel filter water accumulating
Level warning lamp
Brake fluid level warning lamp
Back-up warning buzzer
Cab-tilt warning lamp
ABS system failure warning lamp
SRS airbag system failure warning lamp
- Switches**
Lighting switch
Wiper and washer switch
Exhaust brake switch
Traction Control OFF
- Multi Information Display**
Fuel gauge
Coolant temperature gauge
DPR accumulation gauge
Odometer
2 trip meters
Fuel consumption
- Current
- Average
- Others**
One-key starting-stopping
Horn button
Remote door locking

STEERING

Type	Telescopic and tilt steering column with locking device. Rack & pinion with integral power steering
Steering angle	Inside: 51° Outside: 36°



615 Auto Dimensions



DIMENSIONS - mm / Capacities

Model	615 Medium Auto
Product Code	XZU710R-HKTMSQ3
Wheelbase (WB)	3430
Overall tyre width (OT)	1900
Overall length (OL)	6185
Overall width (OW)	1995
Overall height (OH)	2190
Front track	1665
Rear track	1480
Cab to axle centre (CA)	2870
Front overhang (FOH)	1110
Rear overhang (ROH)	1645
Cab to end of frame	4515
Front chassis height	.680
Rear chassis height	.750
Road clearance	.165
Turning circle – m (kerb-to-kerb)	11.8
Turning circle – m (wall-to-wall)	13.2
Fuel tank – lt	.100
Indicative chassis mass – kg (standard tools, 10 litres of fuel, without spare tyre)	
Total	2320
Front	1625
Rear	.695
GVM Rating	5500
GCM Rating	7300

WARRANTIES

New vehicle warranty period

Light Duty Model	Axle Configuration	Standard Warranty <small>(whichever comes first)</small>	Engine & Powerlines <small>(whichever comes first)</small>
615 Medium Auto	4 x 2	36 months or 100,000kms	36 months or 100,000kms

For detailed warranty conditions, please refer to Hino Truck Warranty brochure.

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