



\* Illustration may contain items not standard to the model

**New ADR 80/03 Model  
Wide Crew Cab 4 x 2 Cab Chassis**

## KEY FEATURES

- 7 Seat Crew Cab – 3 Front & 4 Rear
- Dual SRS Airbags
- Disc Brakes
  - Front & Rear
  - ABS, VSC & TRC – all STD
- Energy Absorbing Steering Wheel
- ADR 80/03 Emission using Euro 5
- Also meet EEV emission levels
- Driver's suspension seat

## KEY SPECIFICATIONS

<b>GVM</b>	. . . . .	.4495kg, optional 5500kg
<b>GCM</b>	. . . . .	7300kg
<b>Engine</b>	. . . . .	4.0-litre, Common Rail, Direct Injection, Turbocharged and Intercooled
<b>Power</b>	. . . . .	.110kW @ 2500 RPM (ISO NET)
<b>Torque</b>	. . . . .	420Nm @ 1400 RPM (ISO NET)
<b>Wheelbase</b>	. . . . .	.3870mm
<b>Nominal Max Body length</b>	. . . . .	.4540mm





# 616 Crew Auto

## Engine & Driveline specifications

### ENGINE

Engine . . . . .	Hino N04C US
Max output (ISO Net) . . . . .	110kW (150 PS) @ 2500 RPM
Max torque (ISO Net) . . . . .	420Nm (42.8 kgf/m) @ 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-intercooled, front 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 ADR 80/03 using Euro 5 Also meets EEV emission levels

### TRANSMISSION

Auto . . . . .	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 $\theta$ % @ 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 spring with shock absorbers and stabiliser
Spring dimensions, span & width . . . . .	1250mm x 70mm

#### Rear suspension

Leaf . . . . .	Semi-elliptic main and auxiliary tapered leafsprings 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
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



# 616 Crew 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) . . . . .	192.8 x 65 x 5.9mm
Tensile strength . . . . .	540N/mm <sup>2</sup>
Towing hooks. . . . .	Equipped at front and rear
Front bumper. . . . .	Painted to cabin colour

### CAB EXTERIOR

Type . . . . .	Forward control, all steel welded construction, fully trimmed
Windscreen wipers. . . . .	Electric, dual wipers, intermittent and 2-speed
Outside rear mirrors . . . . .	Remote control & heated
Radiator grille . . . . .	Painted same colour as cabin
Lamps . . . . .	Halogen headlamps, fog lamps

### CAB INTERIOR

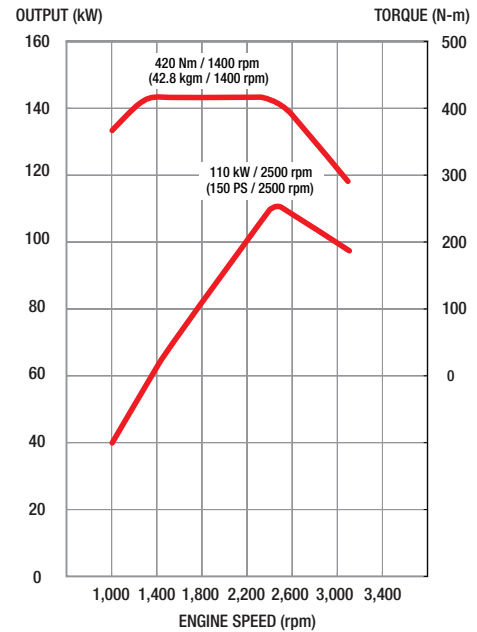
Steering . . . . .	Telescopic tilt column with integral power steering
Windscreen glass . . . . .	Laminated glass
Seating capacity . . . . .	Seven
Driver's seat . . . . .	4-way adjustable, urethane foam pads, high-back seat, lumbar support & suspension base
Assistant's seat . . . . .	Fixed bench, urethane foam pads, high-back seat
Rear seat . . . . .	Bench type
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
Rear seat . . . . .	3-point type on both sides with ELR 2-point type on centre seats

Sun visors . . . . .	For driver and passenger
Ventilator . . . . .	Forced type by electric blower
Inside rear mirror . . . . .	One, flat type
Cigarette lighter (24 volt) . . . . .	Equipped
Audio . . . . .	DAB AM/FM radio with CD/DVD player & Bluetooth
Heater and defroster . . . . .	Equipped
Air conditioner . . . . .	Equipped front & rear
Remote door locking . . . . .	Equipped
Immobiliser . . . . .	Equipped
Power windows . . . . .	Equipped
SRS airbag . . . . .	Equipped for driver & left side passenger
Seat back console . . . . .	Equipped (centre)
Overhead consoles. . . . .	For driver and assistant
Cup holder. . . . .	Equipped

### POWER & TORQUE CHART (ISO Net) N04C US



### INSTRUMENTS

#### 1. Meters and gauges

- km-kg system
- Engine tachometer

#### 2. 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

#### 3. Switches

- Lighting switch
- Wiper and washer switch
- Exhaust brake switch
- Traction Control OFF

#### 4. Multi Information Display

- Fuel gauge
- Coolant temperature gauge
- DPR accumulation gauge
- Odometer
- 2 trip meters
- Fuel consumption
  - Current
  - Average

#### 5. Others

- One-key starting-stopping
- Horn button
- Remote door locking

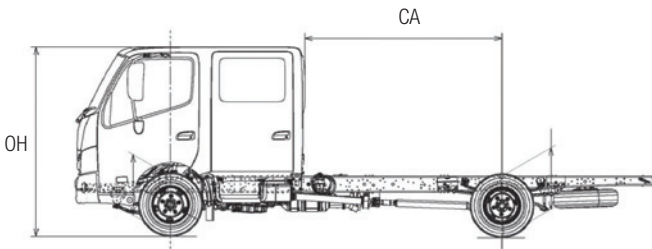
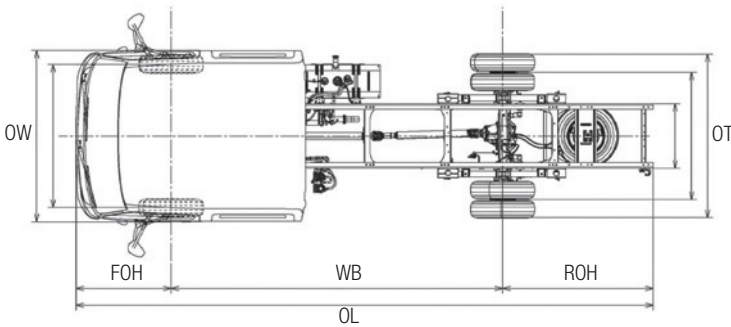
### STEERING

Type . . . . .	Telescopic and tilt steering column with locking device. Recirculating ball with integral power steering
Steering angle . . . . .	<b>Inside:</b> 49° <b>Outside:</b> 35°



# 616 Crew Auto

## Dimensions



### DIMENSIONS – mm / Capacities

<b>Model</b>	616 Crew Auto
Product code	XZU720R-QKTMSQ3
Wheelbase (WB)	3870
Nominal Max Body length	4540
Overall tyre width (OT)	1900
Overall length (OL)	6735
Overall width (OW)	1995
Overall height (OH)	2205
Front track	1665
Rear track	1480
Cab to axle centre (CA)	2300
Front overhang (FOH)	1110
Rear overhang (ROH)	1760
Front chassis height	675
Rear chassis height	750
Road clearance	165
Turning circle – m (kerb-to-kerb)	13.0
Turning circle – m (wall-to-wall)	14.4
Fuel tank - lt	100
<b>Indicative chassis mass – kg</b> (standard tools, 10 litres of fuel, without spare tyre)	
Total	2510
Front	1740
Rear	770
GVM*	5500
GCM	7300

\*Std GVM = 4495 OPT 5500

### GENUINE ACCESSORY OPTIONS

Bull bar	Roof scoop
Chrome wheel covers	Side skirts
GPS sat nav	Stoneguard
Rear vision camera (up to 3)	Sunvisor

Please check with your dealer for price, availability & fitment for these options

### WARRANTY

New vehicle warranty period

Light Duty Model	Axle configuration	Standard warranty (whichever comes first)	Cab corrosion perforation
300 616 Crew Auto	4 x 2	3 years or 100,000km	36 months

Battery warranty – 12 months from date of delivery

Genuine parts or accessories warranty – 3 years unlimited kilometres when fitted by an authorised Hino dealer \*

\* For conditions, refer to the Hino Parts & Service warranty brochure

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