



300

815 Crew Auto



KEY FEATURES

- 7 Seat Crew Cab – 3 Front, 4 Rear
- Dual SRS Airbags
- Easy Start – Take Off Assist
- Disc Brakes
 - Front & Rear
 - ABS, VSC & TRC – all STD
- Energy Absorbing Steering Wheel
- Driver's suspension seat
- Emission Standard Euro 5

KEY SPECIFICATIONS

- GVM** 7300kg, optional 5995kg
- 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** 4200mm





815 Crew Auto

XZU730R-QKTRSQ3

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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 Converter 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	287mm
Rear disc diameter	287mm
Anti-lock system (ABS)	Equipped
Vehicle Stability Control	Equipped
Traction Control	Equipped
Easy Start System	Equipped
Exhaust brake	Electric-vacuum actuator with valve in exhaust pipe
Park brake	Rear of transmission

PERFORMANCE & GEAR RATIOS

Engine RPM @ 100km/h	2300
Maximum speed (km/h)	135
Gradeability tan θ % @ GVM	60.0
Final drive ratio	5.125:1

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	3100kg
Tyres	2800kg
Rear axle	5500kg
Tyres	5280kg
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	1310mm x 70mm
Auxiliary springs	900mm x 70mm

WHEEL & TYRES

Wheel type	6-stud disc wheel
Front wheel & rim size	215/85R16 120/118 & 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



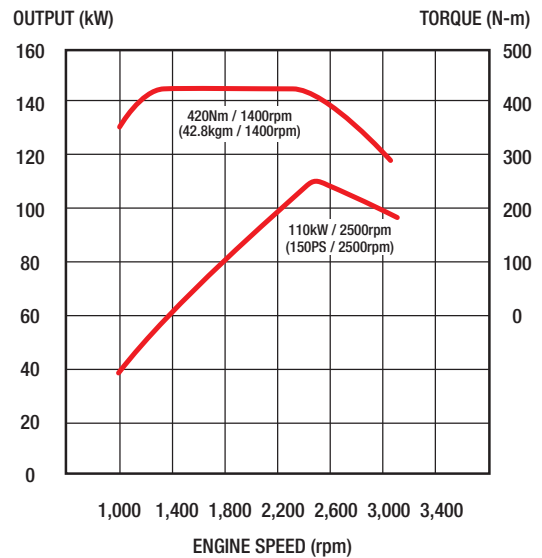
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Cab Equipment & Instrumentation

POWER & TORQUE CHART (ISO NET) N04C US



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/mm²
 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 Seven
 Driver's seat 4-way adjustable, urethane foam pads, high-back seat, lumbar support with 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

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

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
 Easy Start indicator lamp

3. Switches

Lighting switch
 Wiper and washer switch
 Exhaust brake switch
 Easy Start switch
 Easy Start release timing adjuster 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

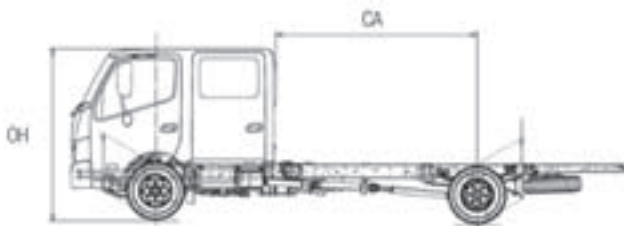
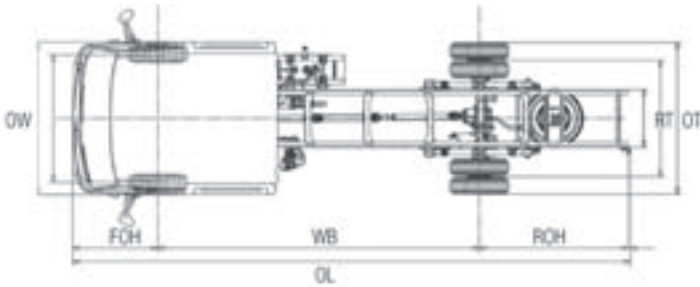
STEERING

Type Telescopic and tilt steering column with locking device. Rack & pinion with integral power steering
 Steering angle **Inside:** 50° **Outside:** 36°



300

815 Crew Auto Dimensions



DIMENSIONS - mm / Capacities

Model	815 Crew Auto
Product Code	XZU730R-QKTRSQ3
Wheelbase (WB)	4200
Overall tyre width (OT)	1975
Overall length (OL)	7285
Overall width (OW)	1995
Overall height (OH)	2240
Front track	1665
Rear track	1520
Cab to axle centre (CA)	2630
Front overhang (FOH)	1110
Rear overhang (ROH)	1940
Front chassis height	705
Rear chassis height	795
Road clearance	190
Turning circle – m (kerb-to-kerb)	13.8
Turning circle – m (wall-to-wall)	15.2
Fuel tank – lt	100
Indicative chassis mass – kg (standard tools, 10 litres of fuel, without spare tyre)	
Total	2625
Front	1770
Rear	885
GVM Rating*	7300
GCM Rating	7300
*Std GVM = 7300 OPT 5995	

WARRANTIES

New vehicle warranty period

Light Duty Model	Axle Configuration	Standard Warranty	Cab corrosion perforation
815 Crew Auto	4 x 2	3 years or 100,000km	36 months

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

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