



300
614



KEY FEATURES

- Driver's SRS Airbag
- ABS Brakes with Electronic Brakeforce Distribution
- Easy Start – Take Off Assist
- ADR 80/02 Compliant
- Ventilated Disc Brakes
- Corner Turning Lamps
- Energy Absorbing Steering Wheel

KEY SPECIFICATIONS

- GVM** 5500kg, optional 4495kg
- GCM** 9000kg, optional 7995kg, Auto 7300kg
- Engine** 4.0-litre, Common Rail, Direct Injection,
Turbocharged and Intercooled
- Power** 100kW @ 2700rpm (ISO)
- Torque** 358Nm @ 1800rpm (ISO)
- Wheelbases** 2525mm – Short & Auto
. 3400mm – Medium





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Engine, Driveline & Chassis specifications

ENGINE

Engine	Hino N04C TU
Max output (ISO Net)	100kW at 2700rpm
Max torque (ISO Net)	358Nm at 1800rpm
Maximum engine speed	3200rpm
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
Catalytic converter	Equipped
Exhaust outlet	Horizontal

TRANSMISSION

Short & Medium	M550
Type	Five-speed overdrive manual
Clutch type	Dry single plate, diaphragm type with damper springs
Facing outside diameter	325mm
Facing lining area	483 x 2cm ²
Control	Hydraulic with vacuum booster
Auto	A860E
Type	Six-speed electronically controlled overdrive automatic with torque converter lock-up on 2nd, 3rd, 4th, 5th and 6th gears

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
Electronic Brakeforce Distribution (EBD)	Equipped
Easy Start system	Equipped (Short & Medium)
Exhaust brake	Electric-vacuum actuator with valve in exhaust pipe

PERFORMANCE & GEAR RATIOS

Maximum speed (km/h) 124 (Auto), 112 (Short & Medium)
 Gradeability tan θ % 53.2 (Auto), 50.0 (Short & Medium)

M550

1st	.4.981	4th	.1.000
2nd	.2.911	5th	.0.738
3rd	.1.556	Rev.	.4.625

A860E

1st	.3.742	5th	.0.773
2nd	.2.003	6th	.0.634
3rd	.1.343	Rev.	.3.697
4th	.1.000		

Final drive ratio: **Auto** 5.375:1
Short and Medium . 5.125:1

AXLE LOAD & TYRE LOAD LIMITS

Front axle	2600kg
Tyres	2180kg
Rear axle	4400kg
Tyres	4120kg
Front axle type	Reversed Elliot, "I" section beam
Rear axle type	SH12, full-floating, single reduction, single speed by Hypoid gears

SUSPENSION

Front suspension	Semi-elliptic tapered leaf springs with silencers, shock absorbers and stabiliser bar
Spring dimensions, span & width	1250mm x 70mm
Rear suspension	Semi-elliptic main and auxiliary tapered leaf springs with silencers and shock absorbers
Spring dimensions, span & width	1300mm x 70mm
Auxiliary springs	1000mm x 70mm

WHEEL & TYRES

Wheel type	5-stud disc wheel
Wheel & rim size	185/85R16 111/109 & 16x5.5J 113mm
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 – 60-A
Starter capacity	24V, 4.5kW



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Cab equipment & Instrumentation

CHASSIS FRAME

Type	Ladder-shaped channel section side rails
Chassis width at rear	700mm
Max. section (depth x flange x thickness)	180 x 65 x 6.0mm
Tensile strength	440N/mm ²
Towing hooks.	Equipped at front and rear
Front bumper.	Painted to cabin colour

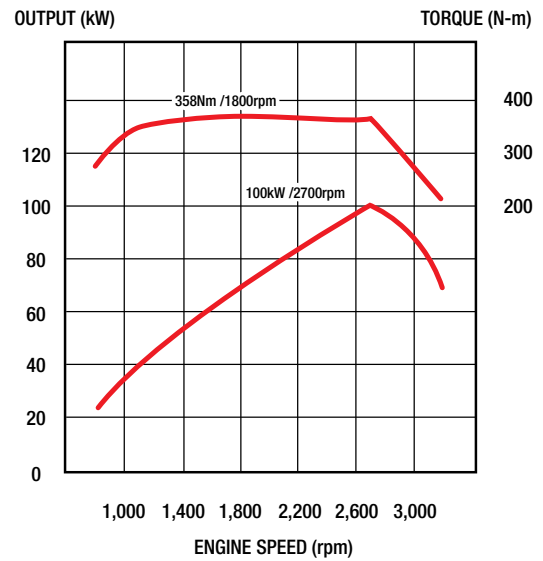
CAB EXTERIOR

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, movable flat type
Radiator grille	Painted same colour as cabin
Lamps	Halogen headlamps, cornering lamps, fog lamps

CAB INTERIOR

Steering	Telescopic tilt column with integral power steering
Windscreen glass	Laminated glass
Seating capacity	Three
Driver's seat	2-way adjustable, urethane foam pads, high-back seat
Assistant's seat	Fixed, 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
Centre passenger's seat.	2-point type
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
Auto door lock	Equipped
Power windows	Equipped
SRS airbag	Equipped for driver
Seat back console	Equipped (centre)
Overhead consoles.	For driver and assistant
Cup holder.	Equipped

POWER & TORQUE CHART (ISO Net)



INSTRUMENTS

1. Meter and gauges

- km-kg system
- Speedometer with odometer and 2 trip meters
- Fuel gauge
- Coolant temperature gauge
- 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
- 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

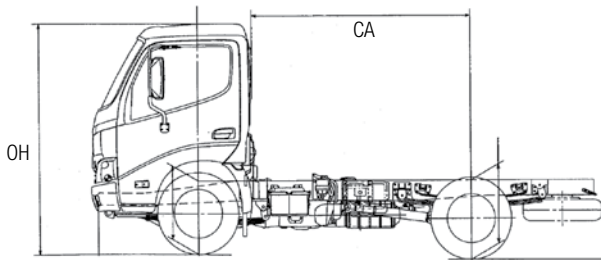
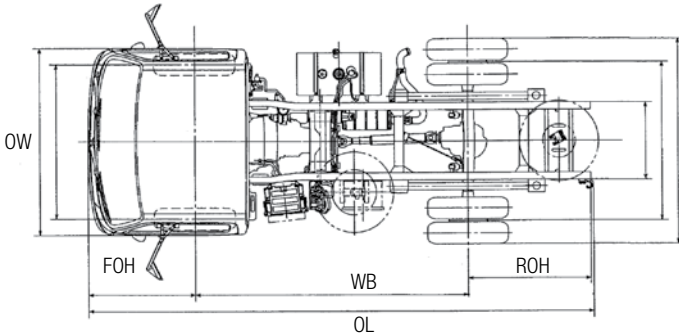
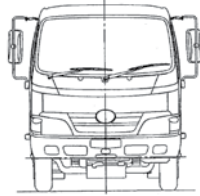
- Lighting switch
- Directional indicator, dimmer, passing switch
- Room lamp switch
- Hazard lamp switch
- Wiper and washer switch
- Exhaust brake switch
- Easy Start switch
- Easy Start release timing adjuster switch

4. Others

- One-key starting-stopping
- Horn button
- Remote keyless entry



614 Dimensions



DIMENSIONS - mm / Capacities

Product code	XZU307R-	XZU307R-	XZU347R- HKTMBQ3	HKMMBQ3	HKMMBQ3
Model	Auto	Short	Medium		
Wheelbase (WB)	2525	2525	3400		
Overall length (OL)	4675	4675	5995		
Overall width (OW)	1850	1850	1850		
Overall height (OH)	2080	2080	2080		
Cab to axle centre (CA)	2025	2025	2900		
Front overhang (FOH)	980	980	980		
Rear overhang (ROH)	1135	1135	1555		
Front chassis height	640	640	640		
Rear chassis height	700	700	700		
Road clearance	175	185	185		
Turning circle - m (kerb-to-kerb)	10.4	10.4	13.6		
Turning circle - m (wall-to-wall)	11.5	11.5	14.7		
Fuel tank - lt	80	80	100		
Chassis mass - kg (minimal fuel, without spare tyre or tools)					
Total	2105	2050	2150		
Front	1425	1385	1415		
Rear	680	665	690		
GVM	5500	5500	5500		
GCM	9000	9000	9000		

DEALERSHIP

WARRANTIES

New vehicle warranty period

Light Duty Model	Axle configuration	Standard warranty <small>(whichever comes first)</small>	Cab corrosion perforation
300 614 Short, Medium & Auto	4 x 2	3 years or 100,00km	36 months

Battery warranty is 12 months from date of delivery.

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