

HINO

3000 Series

Steel Ace Range



*717 Steel Ace shown – image may not be standard.

ADR 80/03 Model
300 Series Steel Ace Range

KEY FEATURES

- Steel Tray with Ladder Racks
- Alloy Bull Bar
- Cruise Control
- Dual SRS Airbags
- Ventilated Disc Brakes Front and Rear
- Anti-lock Brake System (ABS)
- Vehicle Stability Control (VSC)
- Reverse Camera
- Traction Control (TRC)
- Manual & Automatic Transmission options
- Easy Start (Manual Model Only)
- ADR 80/03 Emission using Euro 5
- Also meets EEV emission levels
- Driver Suspension seat
- ECE R-29 Cab Strength Certified

KEY SPECIFICATIONS

GVM Range.	4495 to 8500kg
GCM Range.	7300 to 12000kg
Power	110kW . . (Auto)
	121kW . . (Man)
Torque	420Nm . . (Auto)
	464Nm . . (Man)
Transmission options	6 Speed Auto
	6 Speed Manual
Wheelbase	3430mm
Tray Length	4500mm



Steel Ace Range

Engine & Driveline Specifications

ENGINE

Model	N04C-US (Auto)	N04C-UT (Manual)
Max output ISO Net @ 2500 RPM	110kW (150 hp)	121kW (165 hp)
Max Output ISO Net @ 1400 RPM	420Nm	464Nm
Max Engine Speed	3100 RPM	
Type	Diesel, 4 cylinder, OHV, fluid cooled	
Combustion System	Direct injection type	
Bore & Stroke	104mm x 118mm	
Piston displacement	4.009 lts	
Fuel Injection	Electronic control, common rail type	
Air Intake system	Turbo, intercooled stack type intake	
Air Cleaner	Paper Element	
Fan Clutch	Equipped	
Exhaust	Catalytic convertor with Diesel Particulate Active reduction system (DPR)	
Exhaust Outlet	Horizontal (Rear facing)	
Emission Control System	EGR & DPR meeting ADR 80/03 using Euro 5. Also meeting EEV emission levels	

CLUTCH (MANUAL MODELS ONLY)

Clutch type	Dry single plate, diaphragm type with damper springs
Facing outside diameter	325mm
Facing lining area	483cm ² x 2
Control	Hydraulic with vacuum booster

TRANSMISSION

Auto	A860E Full automatic 6 speed with double overdrive
Manual	MZZ6F Six speed sychromesh with single overdrive

BRAKE

Service brakes	Hydraulic system with ventilated disc brakes front and rear
Control	Vacuum servo with hydraulic assist & dual circuits
Anti Lock Braking System (ABS)	Equipped
Vehicle Stability Control (VSC)	Equipped
TRaction Control (TRC)	Equipped
Easy Start system (ES)	Equipped (manual models only)
Exhaust Brake	Electro Vacuum actuator with valve in the exhaust pipe
Park Brake	Rear of Transmission

PERFORMANCE & GEAR RATIOS

For Performance data see the table on the back page

A860E Automatic transmission

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

MZZ6F Manual transmission

1st	6.369	5th	1.000
2nd	3.767	6th	0.782
3rd	1.966	Rev.	6.369
4th	1.355		

ELECTRICAL

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

CHASSIS FRAME

Type	Ladder-shaped channel section side rails
Chassis width at rear	750mm
Tensile strength	540N/mm ²
Towing hooks	Equipped at front and rear
Front bumper	Painted to cabin colour

STEERING

Type	Telescopic and tilt steering column with locking device, recirculating ball with integral power steering
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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	Remote control and heated & two convex spotters
Radiator grille	Painted same colour as cabin
Lamps	Halogen headlamps and fog lamps

GENUINE ACCESSORY OPTIONS

Bull bar	LED driving lights
Chrome wheel covers	Stoneguard
Truck specific GPS nav with Live Traffic	Sunvisor
Additional cameras (Up to 3 extra)	Hino TraQ telematics

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



Steel Ace Range

Cab Equipment, Power Charts & Body Details

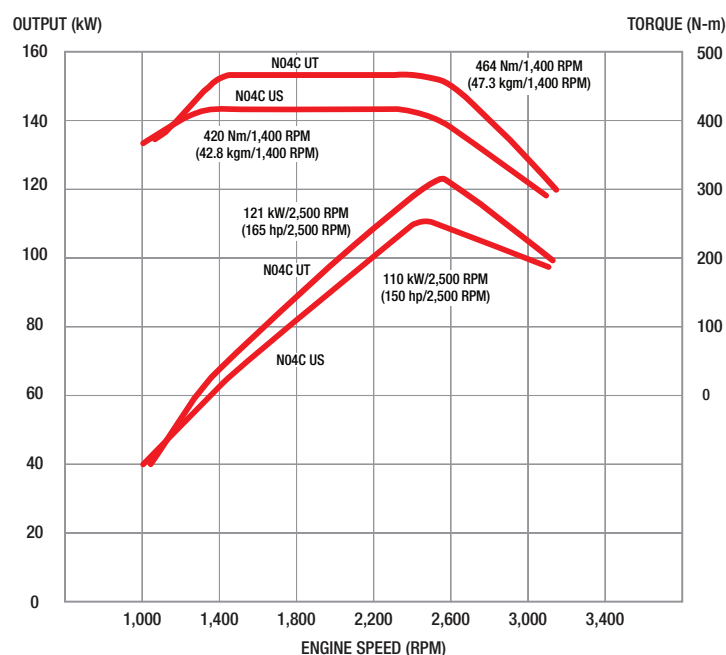


Image may not represent final vehicle specification.
Optional toolbox shown on image not included.

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 with suspension base
Assistant's seat		Fixed bench, urethane foam pads, high-back
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
Sun visors		For driver and passenger
Ventilator		Forced type by electric blower
Inside rear mirror		One, flat type
Cigarette lighter (24 volt)		Equipped
Multimedia System		6.5" LCD, HD touch screen display with DAB+ AM/FM radio, AUX input, Bluetooth® 4.1, Android 6.0, CANBUS connected and Wi-Fi enabled
Heater and defroster		Equipped
Air conditioner		Equipped
Remote door locking		Equipped
Immoniliser		Equipped
Power windows		Equipped
SRS airbags		Equipped for driver and assistant
Drivers foot rest		Equipped (Auto models only)
Seat back console		Equipped (centre)
Overhead consoles		For driver and assistant
Cup holder		Equipped
Cruise control		Equipped

COMBINED POWER & TORQUE CHART (ISO NET) N04C UT & N04C US



STEEL ACE BODY DETAILS

Body	Steel
Length	4500mm
Width	2400mm
Tray floor load rating	5200kg
Rope rails	25mm
Racks removable	65 x 5mm
Total 3 rack load rating	350kg
Double drop side	Removable
Single drop rear gate	Removable
Side steps left and right	Equipped

DEALER FIT OPTIONS

Lockable tool box	Rubber stoppers for drop sides
Tow bar	Tonneau cover
Load binders	

INSTRUMENTS

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



Steel Ace Range Dimensions

300 Series

DIMENSIONS - MM / CAPACITIES

Models		616 Steel Ace	617 Steel Ace	716 Steel Ace	717 Steel Ace	816 Steel Ace	917 Steel Ace
Product Code		XZU710R-HKMTSQ3 SA	XZU710R-HKFMTSQ3 SA	XZU710R-HKTQSQ3 SA	XZU710R-HKFQTQ3 SA	XZU710R-HKTRSQ3 SA	XZU710R-HKFTTQ3 SA
Chassis Max Section Depth x Flange x thickness		190.8 x 65 x 4.9	190.8 x 65 x 4.9	192.8x65x5.9	192.8x65x5.9	192.8x65x5.9	192.8x65x5.9
Turning Circle	Kerb to Kerb	11800	11800	11600	11600	11600	12400
	Wall to Wall	13200	13200	13000	13000	13000	13800
Load Rating – kg	Front Axle	2360	2360	2570	2570	2800	3100
	Rear Axle	4400	4400	4860	4860	5280	6000
Wheelbase		3430	3430	3430	3430	3430	3430
Overall length		6279	6279	6279	6279	6279	6279
Width		2500	2500	2500	2500	2500	2500
Height		2475	2475	2485	2485	2520	2540
Fuel Tank Capacity		170 lts	170 lts	170 lts	170 lts	170 lts	170 lts

PERFORMANCE DATA

Max Theoretical Speed		140 km/h	131 km/h	142 km/h	131 km/h	117 km/h	119 km/h
Engine speed @ 100 km/h		2250 RPM	2400 RPM	2200 RPM	2400 RPM	2650 RPM	2600 RPM
Wheels & Tyres		195/85 R16	195/85 R16	205/85R 16	205/85R 16	215/85R 16	225/80R 17.5
Final Drive Ratio		4.625:1	4.1:1	4.875:1	4.3:1	5.125:1	4.875:1
Approx Mass* – kg	Total	3290	3280	3345	3335	3370	3430
	Front	1810	1810	1820	1820	1815	1825
	Rear	1480	1470	1525	1515	1555	1605
	GVM STD	4495	4495	6500	6500	7300	7995
	OPT	5500	5500	4495	4495	4495	8500
	GCM STD	7300	7995	7300	10000	7300	11500
	OPT	7300	9000	7300	7995	7300	12000

#Approximate mass includes standard tools, fuel, spare tyre and subject to a ±3% tolerance.

WARRANTY

New vehicle warranty period

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

Battery warranty – 12 months from date of delivery

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

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



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