

HINO

3000 Series

Tipper Range

Crew Cab Models



*717 Crew Tipper shown

ADR 80/03 Model

300 Series Tipper Range

KEY FEATURES

- Crew Cab with 7 seats (3 front, 4 rear)
- Rear Passenger Air Conditioning
- Factory Tipper Bodies
- Cruise Control
- Dual SRS Airbags
- Ventilated Disc Brakes Front and Rear
- Anti-lock Brake System (ABS)
- Vehicle Stability Control (VSC)
- Traction Control (TC)
- Manual or Automatic Transmission variants
- 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 . . . . .	. . . . .	.110 kW . . (Auto)
	. . . . .	.121 kW . . (Man)
Torque . . . . .	. . . . .	.420 Nm . . (Auto)
	. . . . .	.464 Nm . . (Man)
Transmissions . . . . .	. . . . .	.6 Speed . . (Auto)
	. . . . .	.6 Speed . . (Man)
Tipper Volume . . . . .	. . . . .	. 3.2m ³ and 3.4m ³
Tipper Length . . . . .	. . . . .	. 3.8m and 4.0m

A Toyota Group Company

 **HINO**
A BETTER CLASS OF TRUCK



Tipper Range

Crew Cab Models

Engine & Driveline specifications

ENGINE

Model	N04C-US	N04C-UT Auto	Manual
Max output ISO Net @ 2500 rpm	110 kW (150 Hp)	121 kW (165 Hp)	
Max Output ISO Net @ 1400rpm	420 Nm	464 Nm	
Max Engine Speed	3100 rpm		
Type	Diesel 4 cycle 4 cylinder in line overhead valve, water cooled		
Combustion System	Direct injection type		
Bore & Stroke	104 mm x 118 mm		
Piston displacement	4.009 Lts		
Fuel Injection	Electronic control, common rail type		
Air Intake system	Turbo, intercooled		
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 6 speed sychromesh with single overdrive

BRAKES

Service brakes	Hydraulic system with ventilated disc brakes front and rear
Control	Vacuum servo with hydraulic assist & dual circuits
Anti Lock Braking System	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
Max Section in mm	192.8 x 65 x 5.9 (depth x flange x thickness)
Tensile strength	540N/mm ²
Towing hooks	Equipped at front and rear

STEERING

Type	Telescopic and Tilt Steering column with Recirculating Ball with integral Power steering
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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 and heated & two convex spotters
Radiator grille	Painted same colour as cabin
Lamps	Halogen headlamps and fog lamps



Tipper Range Crew Cab Models

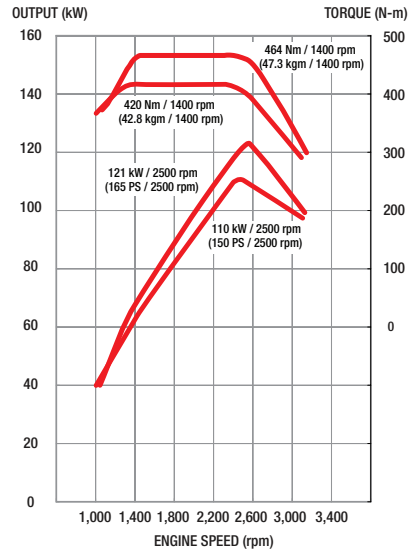
Cab Equipment, Power Charts & Body Details



CAB INTERIOR

Windscreen glass	Laminated glass
Seating capacity	Seven
Driver's seat	4-way adjustable, urethane 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
Rear seat	Outer 3-point type, Inner 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	DAB+ AM/FM radio with CD & DVD player & Bluetooth
Heater and defroster	Equipped
Air conditioner	Dual Circuit Front and Rear
Remote door locking	Equipped
Immobiliser	Equipped
Power windows	Equipped
SRS airbags	Equipped for driver and assistant
Drivers foot rest	Equipped (Auto models only)
Seat back console	Equipped
Overhead consoles	For driver and assistant
Cup holder	Equipped
Cruise control	Equipped

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



TIPPER BODY DETAILS

Model	717 Manual	816 Auto	917 Manual
Capacity		3.2m ³	3.4m ³
Body Length		3.8m	4.0m
Body Width		2000mm	
Body Side Height		430mm	
Tipping Angle (deg)		50	
Deck Plate Thickness		3.2mm	4.5mm
Front Plate Thickness		2.3mm	3.2mm
Tailgate Thickness		3.2mm	
Hydraulic Cylinder Bore & Stroke		100 x 510mm	
PTO		On Transmission	
Hydraulic Pump	Type	Gear Type	
	Model	VC03-15	
PTO & Tip Control		Lever in Cab	
Body Lock		Standard	
Rope Rails		Standard	
2 way gates hinged from the top and sides		Standard	

INSTRUMENTS

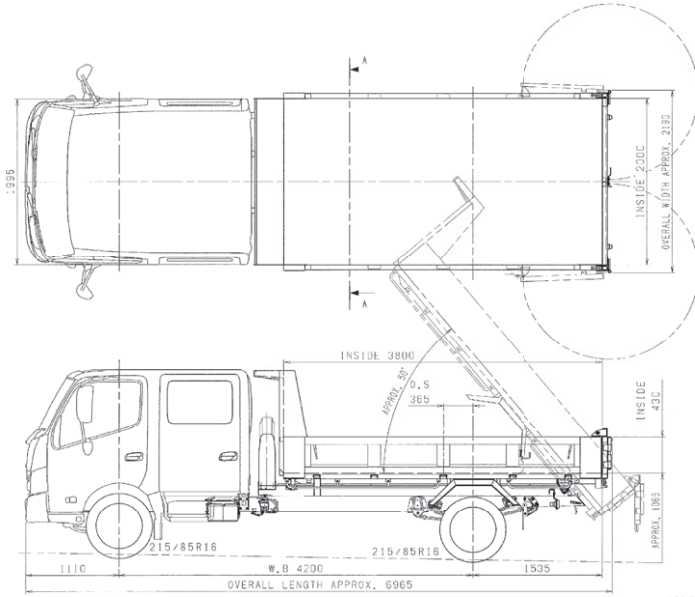
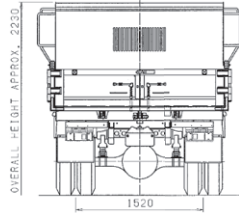
- Meters and gauges**
 - km-kg system
 - Engine tachometer
 - Speedometer
 - Warning, pilot lamps and buzzers**
 - Turning signal & hazard indicator lamp
 - Exhaust brake indicator lamp
 - Engine oil pressure warning lamp
 - Battery charge warning lamp
 - High beam indicator lamp
 - Parking brake indicator 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
 - ABS system failure warning lamp
 - SRS airbag system failure warning lamp
 - Easy Start indicator lamp*
 - Cruise Control
 - Switches**
 - Lighting switch
 - Wiper and washer switch
 - Exhaust brake switch
 - Easy Start switch*
 - Easy Start release timing adjuster switch*
 - Cruise Control
 - 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
- * Easy start components are for Manual models only



Tipper Range Crew Cab Models

300 Series

Dimensions



717 and 816 shown.

Drawings are for reference only to the table. For specific chassis layouts please refer to Body Mounting Manual drawings.

DIMENSIONS - mm / Capacities

Models		717 Man Tipper	816 Auto Tipper	917 Man Tipper
Product Code		XZU730R-QKFQTQ3 D	XZU730R-QKTRSQ3 D	XZU730R-QKFQTQ3 D
Turning Circle	Kerb to Kerb	13800	13800	14800
	Wall to Wall	15200	15200	16200
Load Rating	Front Axle	2800	2800	3100
	Rear Axle	5280	5280	6000
Wheel Base		4200	4200	4200
Overall length		6965	6965	7015
Width		2190	2190	2190
Height		2230	2250	2260
Rear Overhand (ROH)		1535	1535	1585
Fuel Tank Capacity		100 lts	100 lts	100 lts

PERFORMANCE DATA

Max Theoretical Speed		129 km/h	135 km/h	119 km/h
Engine speed @ 100 km/h		2400 rpm	2300 rpm	2600 rpm
Wheels & Tyres		215/85R 16	215/85R 16	225/80R 17.5
Final Drive Ratio		4.333 : 1	5.125 : 1	4.875 : 1
Approx Mass - kg	Total	3755	3795	4010
	Front	1940	1945	1960
	Rear	1815	1850	2050
	GVM STD	6500	7300	7995
	OPT	4495	4495	8500
	GCM STD	10000	7300	11500
	OPT	7995	7300	12000

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

WARRANTY

New vehicle warranty period

Light Duty Model	Axle configuration	Standard warranty (whichever comes first)	Cab corrosion perforation
300 SERIES Crew Cab Tipper 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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