



# 300

## 614 Dump



### 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
- Factory Dump 1.9m<sup>3</sup> Body
- Two-Way Tail Gate with Drop Sides

### KEY SPECIFICATIONS

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





# 614 Dump

## 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, air intake
Air cleaner . . . . .	Paper element
Fan clutch . . . . .	Equipped
Catalytic converter . . . . .	Equipped
Exhaust outlet . . . . .	Horizontal

### TRANSMISSION

Model . . . . .	M550
Type . . . . .	Five-speed overdrive manual
Clutch type . . . . .	Dry single plate, diaphragm type with damper springs
Facing outside diameter . . . . .	300mm
Facing lining area . . . . .	423 x 2cm <sup>2</sup>
Control . . . . .	Hydraulic with vacuum booster
PTO . . . . .	Transmission PTO
Hydraulic pump . . . . .	Gear type
PTO & dump control . . . . .	Levers in cabin

### 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
Exhaust brake . . . . .	Electric-vacuum actuator with valve in exhaust pipe

### PERFORMANCE & GEAR RATIOS

Maximum speed (km/h) . . . . .	112
Gradeability tan $\theta$ % . . . . .	50.0

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

Final drive ratio . . . . .	5.125:1
-----------------------------	---------

### AXLE LOAD & TYRE LOAD LIMITS

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

### SUSPENSION

<b>Front suspension</b> . . . . .	Semi-elliptic tapered leaf springs with silencers, shock absorbers and stabiliser bar
Spring dimensions, span & width . . . . .	1250mm x 70mm
<b>Rear suspension</b> . . . . .	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 & 15 x 5J – 110mm
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

### CHASSIS FRAME

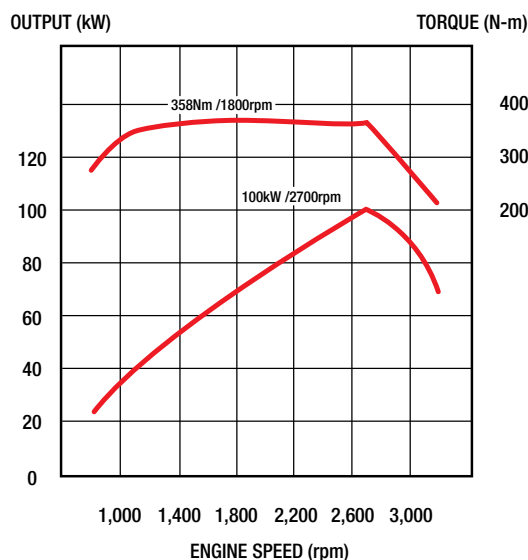
Type . . . . .	Ladder-shaped channel section side rails
Chassis width at rear . . . . .	700mm
Max. section (depth x flange x thickness) . . . . .	180 x 65 x 6.0mm
Tensile strength . . . . .	440N/mm <sup>2</sup>
Towing hooks . . . . .	Equipped at front and rear
Front bumper . . . . .	Painted to cabin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



# 614 Dump Cab equipment & Instrumentation



## POWER & TORQUE CHART (ISO Net)



## INSTRUMENTS

### 1. Meter and gauges

- km-kg system
- Speedometer
- 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

### 4. Others

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

## CAB EXTERIOR

- Type . . . . . Forward control, all steel welded construction, torsion-bar tilt mechanism, fully trimmed
- Windscreen wipers. . . . . Electric, dual wipers, intermittent and 2-speed
- Inside rear mirror . . . . . One, 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

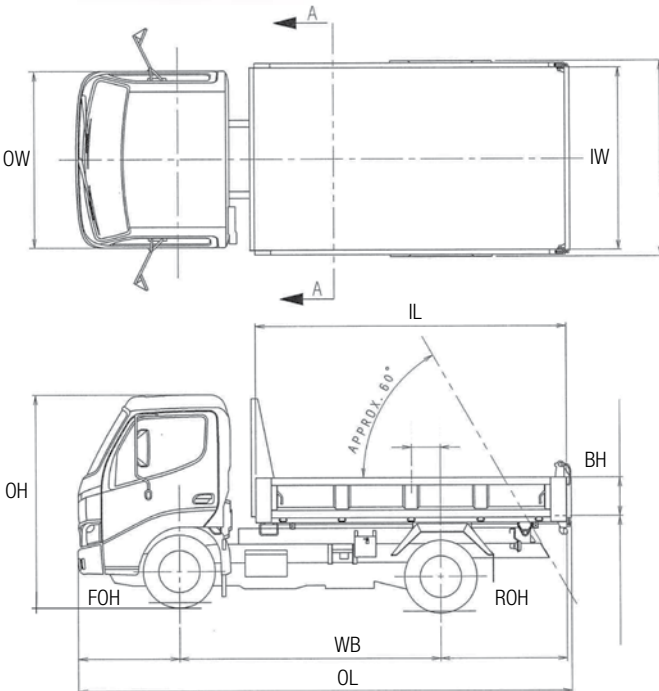
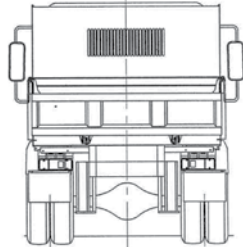
- Driver's seat . . . . . 3-point type with ELR and pre-tensioner
- Assistant's seat . . . . . 3-point type with ELR
- Centre passenger's seat . . . . . 2-point type
- Sun visors . . . . . For driver and passenger
- Ventilator . . . . . Forced type by electric blower
- Outside rear mirrors . . . . . Two, movable 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

## DUMP BODY

- Capacity . . . . . 1.9m<sup>3</sup>
- Dump angle . . . . . 60 degrees



# 614 Dump Dimensions



## DIMENSIONS - mm / Capacities

Product code . . . . .	XZU307R-HKMMBQ3 DUMP
Model . . . . .	614 Dump
Wheelbase (WB) . . . . .	2525
Overall length (OL) . . . . .	4760
Overall width (OW) . . . . .	1880
Overall height (OH) . . . . .	2080
Front overhang (FOH) . . . . .	980
Rear overhang (ROH) . . . . .	1220
Inside body length (IL) . . . . .	3000
Inside body width . . . . .	1750
Body side height (BH) . . . . .	370
Road clearance . . . . .	185
Turning circle - m (kerb-to-kerb) . . . . .	10.4
Turning circle - m (wall-to-wall) . . . . .	11.5
Fuel tank – lt. . . . .	80
<b>Chassis mass – kg (minimal fuel, without spare tyre or tools)</b>	
Total . . . . .	2760
Front . . . . .	1525
Rear . . . . .	1235
GVM . . . . .	5500
GCM . . . . .	9000

## DEALERSHIP

## WARRANTIES

New vehicle warranty period

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

Battery warranty is 12 months from date of delivery.

## DISCLAIMER

Important notice. Hino Trucks are distributed in Australia by Hino Motor Sales Australia Pty Ltd A.C.N. 064 989 724. Information contained in this brochure was correct at time of printing. Hino Motor Sales Australia Pty Ltd reserves the right to alter any details of the specifications and equipment without notice. Hino in so far as it is permitted by law to do so, shall not be liable in any way as a result of any reliance placed by any person on anything contained in this brochure. You should therefore check with your authorised Hino dealer at the time of ordering your motor vehicle to ensure that colour, specifications, equipment, design features and options are available for the vehicle you are ordering. Please note that some options may only be available in combination with others. Authorised Hino dealers will on request provide up to date information on all accessories, design features, prices and availability.