



300

615 IFS Dump



KEY FEATURES

- Standard Cabin
- Dual SRS Airbags
- Easy Start – Take Off Assist (manual transmission only)
- Disc Brakes
 - Front & Rear
 - ABS, VSC & TRC – all STD
- Energy Absorbing Steering Wheel
- Emission Standard Euro 5
- Top & bottom hinged tail gate with drop sides

KEY SPECIFICATIONS

- GVM** 5500kg
- GCM** 9000kg
- Engine** . . . 4.0-litre, Common Rail, Direct Injection
Turbocharged and Intercooled
- Power** 110kW (150Hp) @ 2500 RPM (ISO)
- Torque** 420Nm @ 1400 RPM (ISO)
- Wheelbases** 2525mm
- Factory Dump** 1.9m³ body





615 IFS Dump

XZU605R- HKMMSQ3 D

615 Short Dump

Engine, Driveline & Chassis specifications

PERFORMANCE & GEAR RATIOS

Engine RPM @ 100km/h 2600
 Maximum speed (km/h) 120
 Gradeability tan θ % @ GVM 52.7
 Final drive ratio 4.625:1

M550

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

AXLE LOAD & TYRE LOAD LIMITS

Front Axle 2600kg
 Tyres. 2180kg
 Rear axle 4400kg
 Tyres. 4120kg
 Front axle type Independent coil
 Rear axle type SH12 full-floating, single reduction, single speed by Hypoid gears

SUSPENSION

Front Suspension

Independent Double wishbone independent with coil springs, shock absorbers & stabiliser

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 5-stud disc wheel

Front wheel & rim size 185/85R16 111/109 & 16x5.5K-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 – 80 Amp

Starter Capacity. 24V, 4.5kW

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. 3100RPM
 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 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 2cm²
 Control Hydraulic with vacuum booster

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
 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



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XZU605R- HKMMSQ3 D 615 Short Dump

Cab Equipment & Instrumentation

CHASSIS FRAME

Type	Ladder-shaped channel section side rails
Chassis width at rear	700mm
Max section (depth x flange x thickness)	177.8 x 60 x 6.0mm
Tensile strength	440N/mm ² (Short & Auto) 540N/mm ² (Medium)
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

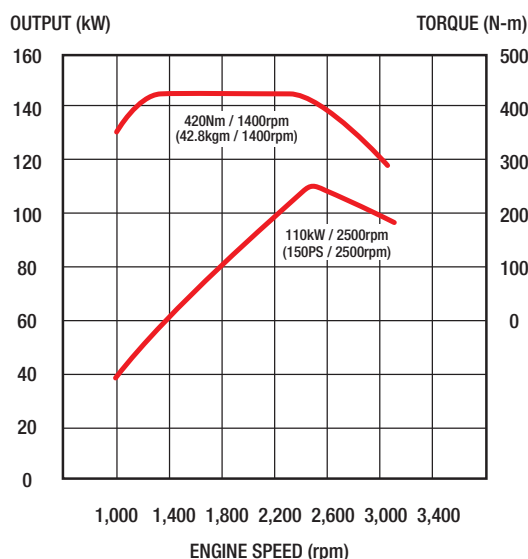
CAB INTERIOR

Steering	Telescopic tilt column with integral power steering
Windscreen glass	Laminated glass
Seating capacity	Three
Driver's seat	2-way adjustable, urethane foam pads, high-back seat
Assistant's seat	Fixed bench, 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 and pre-tensioner
Centre passenger's seat	2-point type
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
Seat back console	Equipped (centre)
Overhead consoles	For driver and passenger
Cup holder	Equipped

POWER & TORQUE CHART (ISO NET) N04C US



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

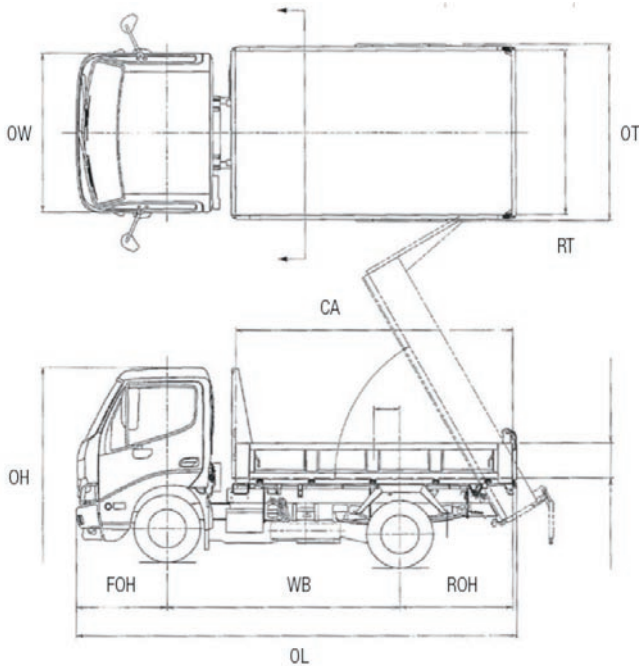
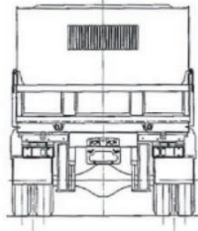
Type	Telescopic and tilt steering column with locking device. Rack & pinion with integral power steering
Steering angle	Inside: 39° Outside: 29°

DUMP BODY

Capacity	1.9m ³
Dump angle	60 degrees
PTO	Transmission PTO
Hydraulic pump	Gear type
PTO & dump control	Levers in cabin



615 IFS Dump Dimensions



DIMENSIONS - mm / Capacities

Model	615 IFS Dump
Product Code	XZU605R-HKMMSQ3 D
Wheelbase (WB)	2525
Overall length (OL)	4760
Overall width (OW)	1880
Overall height (OH)	2090
Front overhang (FOH)	980
Rear overhang (ROH)	1210
Inside body length (IL)	3000
Inside body width	1750
Body side height (BH)	370
Body Floor Height	975
Road clearance	170
Turning circle (kerb-to-kerb)	9.6
Fuel tank – lt	80

Indicative chassis mass – kg (standard tools, 10 litres of fuel, without spare tyre)	
Total	2690
Front	1448
Rear	1242
GVM	5500
GCM	9000

WARRANTIES

New vehicle warranty period

Light Duty Model	Axle Configuration	Standard Warranty	Cab corrosion perforation
615 IFS Short Dump	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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