



Howotruck (Phils) Corporation

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HOWO A7 DUMPTRUCK 8x4, 420 Hp EURO IV, 29.72 CBM

Model.....**ZZ3317N3867P1**
Type of vehicle.....**A7 DUMPTRUCK**
Engine Power.....**420 Hp Euro IV**
Full Load Mass Weight.....31,000kg
Curb Mass/Self Weight.....15,500kg
LHD (Left Hand Drive)

Engine

Model.....**SINOTRUK D12.42-40**
Displacement.....11.596L
Type: In-line, Six-cylinder, Water-cooled, Four-stroke,
Direct Injection, Turbocharged, High Pressure
Bore/Stroke.....126/155mm
Net Power.....309KW/2000rpm
Torque.....1820Nm @ 1100-1400rpm

Chassis & Add Components

Frame details

High-strength 8+8/300mm and reinforced sub-frame
Overall Dimension.....**11680x2500x3650mm**
(LengthxWidthxHeight)
Wheelbase.....1950+4625+1350mm
Ground Clearance.....314mm
Vehicle Overhang (front).....1540
Vehicle Overhang (rear).....1900
Front/Approach Angle.....20°
Rear/Departure Angle.....23°

Dump Box Size

LxWxH.....**8500x2300x1500mm**
Volume.....**29.72cbm**
Floor Thickness.....**8mm**
Side Thickness.....**6mm**
Lift System.....**Front lift, PERMCO 196**

Electrical System

Batteries / Voltage.....24V/165ah
Quantity.....2
Alternator Voltage.....28V
Operating voltage.....24V

Wheels & Tires

Wheel Type.....stud piloted 10hole steel disc
.....(20x8.50)
Number of Tires.....12+1 (spare tire)
Tire Type/Size.....**12.00R20**
Track Front.....2022mm
Track rear.....1830mm

PHOTO FOR REFERENCE ONLY



Clutch & Gear Box Systems

Clutch.....**SINOTRUK's \$ 430 diaphragm spring**
Gear Box.....**SINOTRUK's HW19710**
.....(Manual Gearbox)
Gear Speed / Lever.....10forward / 2reverse
Gear Ratio: 14.28, 10.62, 7.87, 5.88, 4.38, 3.27, 2.43,
1.80, 1.34, 1.00, 13.91(R1), 3.18(R2)

Axle & Steering

Steering Model.....**ZF8118**
Front Axle.....**SINOTRUK's HF9**
Rear Axle.....**SINOTRUK's HC16**
Ratio of Rear Axle.....5.73
Loading Capacity per Axle
Front.....(2x)9000kg
Rear.....(2x) 16000kg

Brake System & Suspension

Service Brake.....dual circuit compressed air brake
Auxiliary Brake.....engine exhaust valve brake
Parking Brake (Emergency Brake)
Front.....Spring Energy
Rear.....Compressed Air
Suspension Type
Front.....11pcs leaf spring
Rear.....12pcs leaf spring

Fuel Tank

Capacity.....300L
Shape/Structure.....Rectangular / Aluminum

General Performance Parameters

Max Driving Speed.....78km/h
Ave Fuel Consumption.....35liters/100km
Max Gradeability.....≈30°
Cargo Box Til Angle.....45°-60°
Loading Capacity.....15000-31000kg

Cabin

Cab: **(A7-W Model) with One Sleeper**

All-steel frame with 4-point support fully floating suspension and shock absorbers , Forward control 70° hydraulically tilt cabin, 3-speed Twin arm wiper system, Laminated windscreen with casted-in radio aerial , AM/FM radio touchscreen media player with USB Port and Bluetooth connection for hands free answering, Hydraulically damped adjustable driver's seat and rigid adjustable co-driver's seat with 3 point safety (seat) belt, Adjustable steering wheel, Heating and ventilating system, Exterior sun visor, Adjustable roof flap and Air horn, Power Window

VOLVO TECHNOLOGY CABIN WITH AIRCON