



# Howotruck (Phils) Corporation

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## HOWO V7-X 6x4 DUMP TRUCK 400HP EURO II 19.32cbm

Model.....**ZZ3257N3847B1**  
Series.....**V7-X**  
Wheel Traction / Drive Style.....**6X4**  
Rated HP / Engine.....**400HP / EURO II**  
Full Load Mass Weight.....37,270kg  
Curb Mass/Self Weight.....12,270kg  
Steering Wheel Position.....LHD (**Left Hand Drive**)

### Engine

Model.....**WEICHAJ,EURO II WP12.400E201**

### Clutch & Gear Box Systems

Clutch.....SINOTRUK's  $\phi$  4 30 diaphragm spring clutch  
Gear Box.....**SINOTRUK's HW19710 +HW50**  
Gear Speed/Lever.....10 forward/ 2 reverse  
Gear Ratio.....14.284, 10.623, 7.871, 5.876, 4.375, 3.265, 2.428, 1.799, 1.343,1.00, 13.913(R1), 3.18(R2)

### Axle & Steering

Steering Model.....**ZF8118**  
Front Axle.....**VGD95**  
Rear Axle.....**MCX16ZG**  
Ratio of Rear Axle.....5.451  
**Loading Capacity per Axle**  
**Front**.....**9,500kg**  
**Rear**.....**(2x) 16,000kg**

### 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**.....10pcs leaf spring  
**Rear**.....12pcs leaf spring

### Wheels & Tires

Wheel Type....Reinforced wheel(Plate thickness 13mm)  
Number of Tires.....10+1 (spare tire)  
Tire Type/Size.....**12.00R20**  
Track.....**Front:** 2022mm  
**Rear:** 1830mm

**PHOTO FOR REFERENCE ONLY:**



### General Performance Parameters

Maximum Driving Speed.....75km/h  
Maximum Gradeability..... $\approx$ 30°  
Loading Capacity.....25,000kg

### Cabin

Cab: (**V76 Model**) **Single Sleeper**

All-steel frame with 4-point support fully floating suspension and shock absorbers , Forward control 70° hydraulically tiltable 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 passenger 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

### Chassis & Dimension

**Frame details**  
High-strength 8+8/300mm  
Overall dimension.....**8600x2550x3450mm**  
**(Length x Width x Height)**  
Wheelbase.....3825+1350mm  
Ground Clearance.....314mm  
Vehicle Overhang.....**Front:** 1500  
**Rear:** 1870  
**Front/Approach Angle**.....19°  
**Rear/Departure Angle**.....23°

### Dump Box Size

LxWxH.....**5600\*2300\*1500 mm**  
Volume.....**19.32m<sup>3</sup>**  
Lift System.....**MIDDLE LIFT**  
Floor Thickness.....8mm  
Side Thickness.....6mm

### Electrical System

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

### Fuel Tank

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

