



# Howotruck (Phils) Corporation

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## HOWO V7-X 6x4 CARGO TRUCK 400HP EURO II 31.16FT

Chassis Model.....**ZZ1257N5847W**  
Series.....**V7-X**  
Wheel Traction / Drive Style.....**6X4**  
Rated HP / Engine.....**400HP / EURO II**  
Total Mass.....37,000kg  
Curb Mass/Self Weight.....12,000kg  
Steering Wheel Position.....**LHD (Left Hand Drive)**

### Engine

Model.....**WEICHAI WP12.400E201**

### Clutch & Gear Box Systems

Clutch.....SINOTRUK's  $\phi$  430 diaphragm spring clutch  
Gear Box.....**SINOTRUK's HW19710**  
Gear Speed / Lever.....10 forward/ 2 reverse  
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**.....**VGD95**  
**Rear Axle**.....**MCX16ZG**  
Ratio of Rear Axle.....4.803  
**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

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

### Fuel Tank

Capacity.....400L  
Shape/Structure.....Rectangular / Aluminum

### General Performance Parameters

Max Driving Speed.....102km/h  
Max Gradeability..... $\approx$ 30°  
Loading Capacity.....25,000kg

### Cabin

Cab: **(HW76 Model) ONE 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 with media player, 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 & Dimensions

#### Frame details

High-strength 8+8/300mm and reinforced sub-frame  
Overall Dimension.....**12000x2550x3300mm**  
**(Length x Width x Height)**  
Wheelbase.....5825+1350mm  
Ground Clearance.....314mm  
Vehicle Overhang.....**Front:** 1500  
**Rear:** 3288  
**Front/Approach Angle**.....16%  
**Rear/Departure Angle**.....9%

### SIZE (internal dimension)

LxWxH.....**9500x2300x800mm (31.16 Feet)**  
Floor Thickness.....**3mm steel plate**  
Side Thickness.....**1.5mm steel plate**

### Electrical System

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

### PHOTO FOR REFERENCE

