



# Howotruck (Phils) Corporation

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## HOWO T7 6x4 BOOM TRUCK 400HP EURO V 5TONS

Chassis Model.....**ZZ1257N584HE1**  
Series.....**T7**  
Wheel Traction / Drive Style.....**6X4**  
Rated HP / Engine.....**400HP / EURO V**  
Total Mass .....39,000kg  
Curb Mass/Self Weight.....15,000kg  
Steering Wheel Position.....**LHD (Left Hand Drive)**

### Engine

Model.....**WEICHAI WP12.400E50**  
Displacement.....11.596L  
Type.....In line six cylinders, electronically controlled high-pressure common rail+SCR  
Bore/Stroke.....126/155mm  
Net Power.....294kW/1900rpm  
Torque.....1920N.m @ 1000-1400rpm

### Clutch & Gear Box Systems

Clutch.....SINOTRUK's  $\phi$  430 diaphragm spring clutch  
Gear Box.....**SINOTRUK's HW19710+HW70 PTO**  
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

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

### Crane Specifications

Manufacture-Model.....**SQ5SK3Q**  
Max. lifting capacity.....**5,000KG**  
Max. lifting moment.....12.5T.M  
Recommend Power.....18KW  
Max. oil flow of hydraulic system.....32L/min  
Outrigger.....Two

### General Performance Parameters

Maximum Driving Speed.....102km/h  
Average Fuel Consumption.....189g/kW.h  
Maximum Gradeability..... $\approx$ 30°  
Cargo Box Tilt Angle.....%  
Loading Capacity.....24,000kg

### Cabin

#### Cab: (T7-W Model) 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 with touchscreen media player, 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

### Chassis & Dimension

#### Frame details

High-strength 8+7/300mm and reinforced sub-frame  
Overall dimension.....**14500x2550x3800mm**  
**(Length x Width x Height)**  
Wheelbase.....5825+1350mm  
Ground Clearance.....314mm  
Vehicle Overhang.....**Front:** 1540  
**Rear:** 3245  
**Front/Approach** Angle.....15%  
**Rear/Departure** Angle.....9%

#### SIZE (internal dimension)

LxWxH.....**11000\*2300\*800mm**  
Floor Thickness.....3mm steel plate  
Side Thickness.....1.5mm steel plate

### Electrical System

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

### Fuel Tank

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

### Crane Specifications

Max. Pressure of Hydraulic System.....20MPa  
Oil Tank Capacity.....90L  
Crane Weight.....**2260KG**  
Installation Space.....900mm  
Rotation angle.....360° Continuous

## OPTIONAL

Rear Outrigger(XZB90E)

Plus Php 70,000.00

PHOTO FOR REFERENCE ONLY:



**SQ5SK3Q**

**起重性能参数表 Rated lifting load**

工作幅度(m) Working Radius	不同臂长最大起升载荷Max lifted load(kg)			
	4.00m	6.41m	8.81m	11.20m
2.50	5000	2920	1800	1250
3.00	3620	2850	1800	1250
3.50	3120	2650	1800	1200
4.00		2380	1760	1180
4.50		2160	1720	1150
5.00		1860	1680	1120
5.50		1780	1600	1100
6.00		1580	1450	1060
6.50			1310	960
7.00			1280	900
7.50			1250	840
8.00			1180	760
8.50			1120	690
9.00				650
9.50				600
10.00				550
10.50				480
11.00				400

