

V O L V O

Powered for heavy transports

VOLVO FH16



The Volvo FH16 is our most powerful truck, made for heavy assignments where extra power and torque are essential. With the D17 powertrain it can take on challenges that others are unable to complete. All with driver comfort taken to a new level.

Power in a league of its own

The D17 engine with its 780 hp provides a full 3800 Nm of torque and makes the Volvo FH16 hard to beat. Combined with smart features it's the optimal choice for heavy haulage.

The industry leading gearbox

Volvo FH16 comes with I-Shift, the automated gearbox with smart features such as crawler gears, Auto hold, and Terrain brake. Smart features designed to make driving easier, safer, more efficient and more comfortable.

Outstanding comfort and safety

The comfortable cab with its smart features turns life on the road into quality time. Available with Camera Monitoring System to increase your direct vision and enhance your night vision.

BENEFITS

- Unmatched power and torque
- I-Shift transmission
- Volvo Dynamic Steering
- Comfortable cabs
- Fuel-efficient powertrain

Volvo Dynamic Steering

Managing heavy loads in low-speed manoeuvre or driving at high speeds over rough and uneven ground?

Volvo Dynamic Steering is there like a steady hand to make driving easier.

Pump some serious bass

The sound and infotainment system of Volvo FH16 comes with speakers powerful enough to match the power under the hood. Six premium speakers with optional subwoofer deliver stellar audio that will improve your workday.

Volvo Trucks. Driving Progress

VOLVO

Cabs



Low sleeper cab



Sleeper cab



Globetrotter cab



Globetrotter XL cab



Globetrotter XXL cab

Engines

| DIESEL | Max power | Max torque |
|---------------------|---------------------------|----------------------------|
| D17 600 hp (441 kW) | 600 hp at 1380–1700 r/min | 3000 Nm at 900–1380 r/min |
| D17 700 hp (515 kW) | 700 hp at 1700 r/min | 3400 Nm at 938–1400 r/min |
| D17 780 hp (574 kW) | 780 hp at 1700 r/min | 3800 Nm at 1008–1400 r/min |

Transmissions

I-SHIFT

12-speed splitter and range gearbox with automated gearchanging system. The version with crawler gears facilitates easy operation with GCW up to 325 tonnes.

| Type | Top gear | Engine torque (Nm) | GCW approval (tonnes) |
|---------|-----------|--------------------|-----------------------|
| ATO3112 | Overdrive | 3150 | 100 |
| ATO3512 | Overdrive | 3550 | 100 |
| ATO3812 | Overdrive | 3800 | 100 |

Tractor axle configurations



4x2



6x2
pusher axle



6x2
tag axle



6x4



8x4
pusher axle

● = Drive axle
⊙ = Non-driven axle
(tag, pusher or front axle)

Rigid axle configurations



4x2



6x2
tag axle



6x4



8x2
dual front
axles



8x2
tridem



8x4
dual front
axles



8x4
tridem
pusher axle



8x4
tridem
tag axle



10x4
dual front
axles,
tag axle