

FACT SHEET

FRONT BUMPER

BUMP-HD Heavy-duty front bumper



BUMP-HD on Volvo FMX and Volvo FH

The heavy-duty front bumper BUMP-HD is made for tough use in challenging conditions. It comes as standard on the Volvo FMX, but it is also available for the Volvo FH and Volvo FH16.

The sturdy design of the bumper and the improved ground clearance that it provides, makes it well suited for tough environments such as construction sites and rough roads.

The bumper is made of steel and comprises three main parts - a centre part and two corner parts - and a bottom guard plate. The centre part of the bumper is made of 1.5 mm steel with a scratch resistant plastic cover/shell. The two corner parts and the bottom guard plate are made of steel with a thickness of 3 mm.

In the event of a collision, the impact is distributed towards the sides, reducing the risk of damage to the components behind, such as the cooler.

An integrated footstep on the bumper makes it easier to reach up and clean the windscreen. The footstep has a highly effective anti-slip surface for all weather conditions.



UPTIME

- Bumper of sturdy steel design, which withstands rough treatment.
- With a three-part bumper, the replacement of damaged parts is facilitated.
- Towing device that is dimensioned for heavy loads and has central position for optimum towing power*.



PRODUCTIVITY

- A better approach angle of the bumper improves the manoeuvrability during off-road driving.



DRIVER APPEAL

- Gives the truck a robust appearance.
- Practical, easy-to-use towing device*.

* Volvo FMX

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BUMP-HD Heavy-duty front bumper

Steel bumper for construction trucks, Volvo FMX

This sturdy, dark grey bumper is specially designed for construction trucks and developed to withstand the tough conditions in the construction sector. It is located 80 mm higher up than the standard bumper, providing improved ground clearance.



Front central towing device for construction trucks, Volvo FMX

The towing device is integrated into the lower grille. Behind the bumper, there is a horizontal load-bearing frame, which is fixed to the chassis.



Integrated towing device.

The towing device is easy and safe to use, and the pin is controlled with a yellow lever.

The towing device is homologated for the following loads:

- 25 tonnes horizontal (developed and tested for 32 tonnes).
- 25 tonnes at 15° horizontal or vertical.

- 8 tonnes during lifting.

During normal on-road conditions and without power (jerk) starting, the maximum required pulling/pushing force is approximately 50% of the total weight of the vehicle.

Example: If the total weight is 44 tonnes, the pulling/pushing force on a flat road (no slope) is $44 \times 50\% = 22$ tonnes. Volvo recommends to tow the truck while it is unladen.

Steel heavy-duty bumper for Volvo FH and Volvo FH16 trucks

The Volvo FH and Volvo FH16 with heavy-duty bumper is well equipped for naturally tough environments, such as construction sites and forests. The truck also becomes more capable for heavy long-haul transports in markets with rough roads. The installation is done to give a better approach angle and providing improved ground clearance.



Depending on the vehicle specification, the heavy-duty bumper will also have an integrated front underrun protection. The heavy-duty bumper adds on an extension in the front of 132 mm and an additional weight of 69 kg, compared to the steel bumper BUMP-B2.