



Volvo Trucks. Driving Progress

FACT SHEET

Bumper BUMP-HD



Steel bumper for construction trucks FMX

This sturdy steel 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.

The bumper is dark grey and consists of three parts: a centre part made of 1.5 mm steel with a scratch resistant plastic cover/shell and two corner parts 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.

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

Front central towing device for construction trucks FMX

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

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 approx. 50 % of the vehicle total weight.

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 FH and FH16 trucks

The FH and 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.

The two corner parts and skid 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 foot step has a highly effective anti-slip surface for all weather conditions. The heavy duty bumper will also have Front Underrun Protection (FUP) integrated depending on the vehicle specification. The heavy duty bumper adds on an extension in the front of 132 mm and an additional weight of 69 kg compared to standard steel bumper.

FEATURES AND BENEFITS

Bumper

- Better approach angle improves manoeuvrability during off-road driving.
- Sturdy steel design withstands rough treatment.
- Comprised of three parts, facilitating replacement of damaged parts (FMX).
- Gives truck a robust appearance.

Towing device (FMX)

- Practical, easy-to-use towing device.
- Dimensioned for heavy loads.
- Central position for optimum towing power.

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