



## 110: Truck with dump bed, 6x4, capacity min. 10 m<sup>3</sup>



*Photo of the Base model MAZ-6501*

### PARAMETERS

### DESCRIPTION

#### TRUCK FEATURES

Truck with dump bed, 6x4, capacity 12,5 m<sup>3</sup>

#### LOAD PARAMETERS

Payload carried, kg:	20 400
Curb weight, kg	13 025
Gross mass of the truck, kg	33 500

#### DIMENSIONS (MM)

Overall length, mm	7 550
Overall width, mm	2 550
Overall height, mm	3 650
Wheelbase, mm	3 200

#### ENGINE:

Power output, HP @ r.p.m. (min <sup>-1</sup> )	330 hp @ 2000 min <sup>-1</sup>
Max torque, Nm @ r.p.m. (min <sup>-1</sup> )	1274 Nm @ 1100-1300 min <sup>-1</sup>
Features	Diesel, 8 cylinder, V-type, turbo-supercharging and intercooler.
Displacement, l	14.86
Emission level	Euro 2, Euro 3 Similar Euro 4 & Euro 5 versions are available
Fuel tank capacity, litre	300

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## **DRIVE TRAIN**

Clutch (type)	Dry single plate, plate diameter: 430 mm
Clutch control	hydraulic drive, pneumatic booster
Gearbox	Synchronized, 8 Forward/1Reverse gears
Traction	6 x 4
Drive axle's features	Rear and middle, two-stage with the central reducer, Interwheel and interaxle differential locks and wheel cylindrical planetary type reducers.

## **STEERING**

With the hydraulic booster. The control column is regulated on altitude, angle of declination, is supplied with anti-thief and trauma protection devices.

## **BRAKES**

Service:	Air pressure system, with drum type brake mechanisms, and ABS (antilock brake system)
Park:	With spring accumulators acting on rear wheels, air pressure charged.

## **ELECTRIC EQUIPMENT**

Features:	Single-wire, direct current with nominal voltage 24V. Includes 2 of 190 Amp·hrs maintenance-free batteries. Alternator: 28V, 80A. Starter: 24V, 5,5kW.
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## **CABIN**

Features	All-metal, fixed on spring suspension, two-seat, two-door, can be tilted forward to secure engine service. Driver Seat with pneumatic suspension. Equipped with sleeping place
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## **DUMP BED**

Platform volume	$V=12.5 \text{ m}^3$
Minimum tilting angle, @ lift time, @ engine r.p.m.	49° in 30 seconds, @ 1200-1500 ENGINE r.p.m.

## **Wheels and Tires:**

11.00R20 or 315/80R22.5 – 10 wheels.  
Spare wheel

**The manufacturer reserves the right to make modifications directed on improvement of the automobile parameters**

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