

# ZOOMLION

## ZT96A Mining Dump Truck

Rated load: 60 t

Capacity: 36 m<sup>3</sup> (Heaped 2:1)

Engine Power: 353 kW

*\*Optional automatic transmission*



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## Product Introduction

# ZT96A Mining Dump Truck

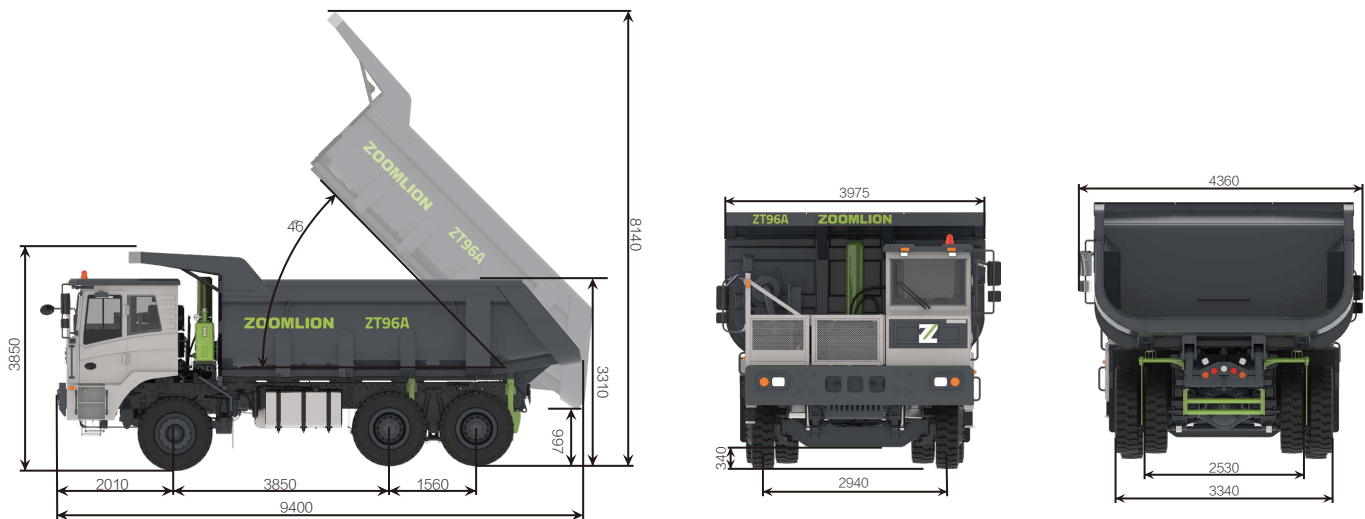
Frame, riveted of longitudinal beams with double-layer (10+10mm) superimposed groove-shaped bending plates and five crossbeams, presents to more excellent performance of forming technology and deformation design adaptation. The use of 610L material bring the frame more reliable.

The front-suspension is the dependent leaf spring suspension, while the middle-suspension and the rear-suspension adopt the leaf spring. That enhances wheel alignment parameter stability, running stability and system reliability.

Advanced engine with output power of 480 Ps, has the performance of high-efficiency and fuel-save. By used of the three-stage oil bath air filter and the three-stage fuel filter, the dynamical system is operated to be more reliable. The usage of the imported air fan makes an excellent thermal equilibrium of machine. The split radiator is used to enhance the performance of the anti-seismic and the convenient maintenance.

## Dimension parameters

Unit: mm



## Performance parameters

| Main Parameters       | Unit           | Value             | Main Parameters     | Unit      | Value                      |
|-----------------------|----------------|-------------------|---------------------|-----------|----------------------------|
| Curb weight           | t              | 30                | Engine model        | /         | YCK13580-T400              |
| Rated payload         | t              | 60                | Engine displacement | L         | 12.939                     |
| Max. speed            | km/h           | 45.6(MT) / 41(AT) | Emission standard   | /         | China Non-road Stage III   |
| Max. gradeability     | %              | 33                | Rated power         | kW        | 353                        |
| Min. turning radius   | m              | 13                | Max. torque         | N · m/rpm | 2500 N · m/1100~1500 r/min |
| Capacity (struck)     | m <sup>3</sup> | 30                | Transmission (MT)   | /         | FAST 7DS220                |
| Capacity (heaped 2:1) | m <sup>3</sup> | 36                | Transmission (AT)   | /         | FC6A250                    |
| Tires                 | /              | 16.00R25          | Steering system     | /         | Fully hydraulic            |