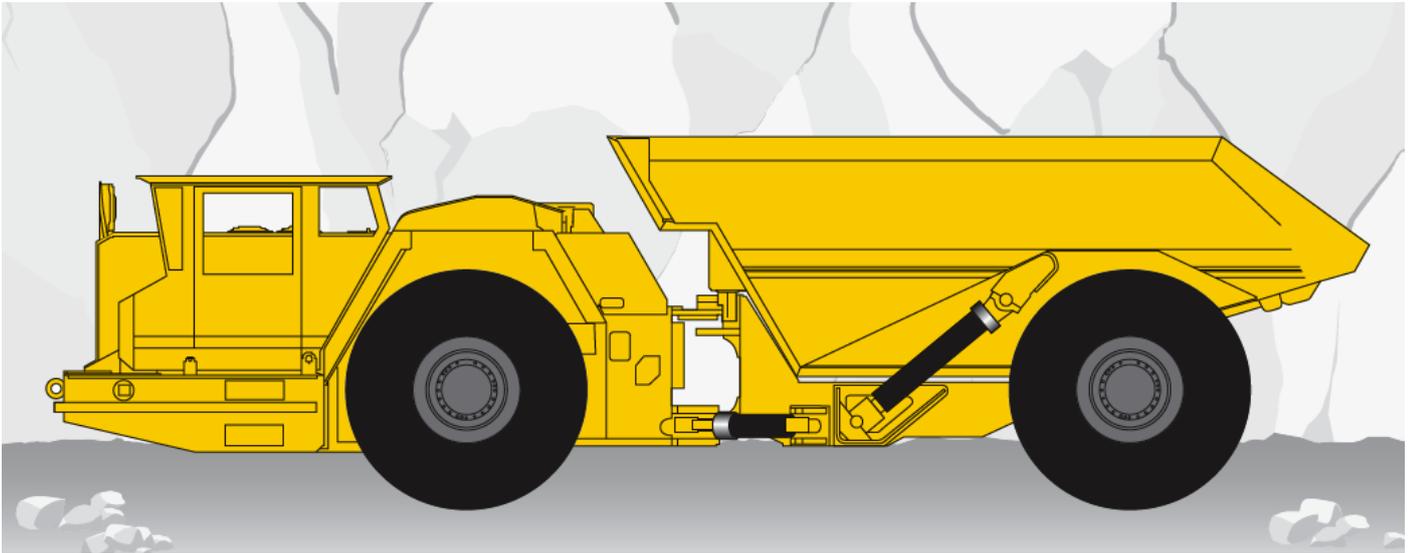


## UK-50 UNDERGROUND DUMPER TRUCK



### Main features

- USA power shift transmission and converter
- Integrated service brake, parking brake, and emergency brake; Safety spring brake and hydraulic release system.
- Integrated steering and working hydraulic system can highly improve the working efficiency
- Central articulated system, with two cylinder support steering, make the machine much more stable;
- Two cylinder lifting the wagon box.
- Backboard for protect the rocks from falling off when travelling;
- Forward seating
- Protections for hoses and engine compartment for extremely cold area in winter time.

### Main parameter

Model	UK-50
L*W*H	11227mm × (3205mm Front frame/3355mm Rear frame) × (2865mm~3000mm)
Wagon box volume	23.5 m <sup>3</sup> or designed to rock condensity
Rated loading capacity	50 Metric Ton
Tare weight	42 900 Kgs

Engine power	700 HP	
Maximum Torque output	2 983 Nm @ 1 500 rpm	
Travelling speed	0~30.8 km/h	
Maximum steering angle	±42°	
Turning radius (mm)	Internal	4945
	External	9385
Wagon box lifting/descend (s)	14/10	
Wagon box tilting height (mm)	6455	
Wagon box off load angle	62°	
Grade ability	20%	
Tires	35/65, R33	

### ***Main components and supplier:***

➤ Engine:

Manufacturer: Cummins

Model: Cummins QSK19 EPA Tier 3

Power: 522kw/700 HP@2000rpm

Maximum torque: 2 983 Nm @ 1 500 rpm

Fuel tank Volume: 844 Litre

➤ Axle:

Manufacturer: Kessler

Model: D106 for front and rear axles

Brakes: SAHR on four wheels, spring brake hydraulic release

Type: Enclosed wet multiple discs brake

➤ Hydraulic system:

Main pump: Parker

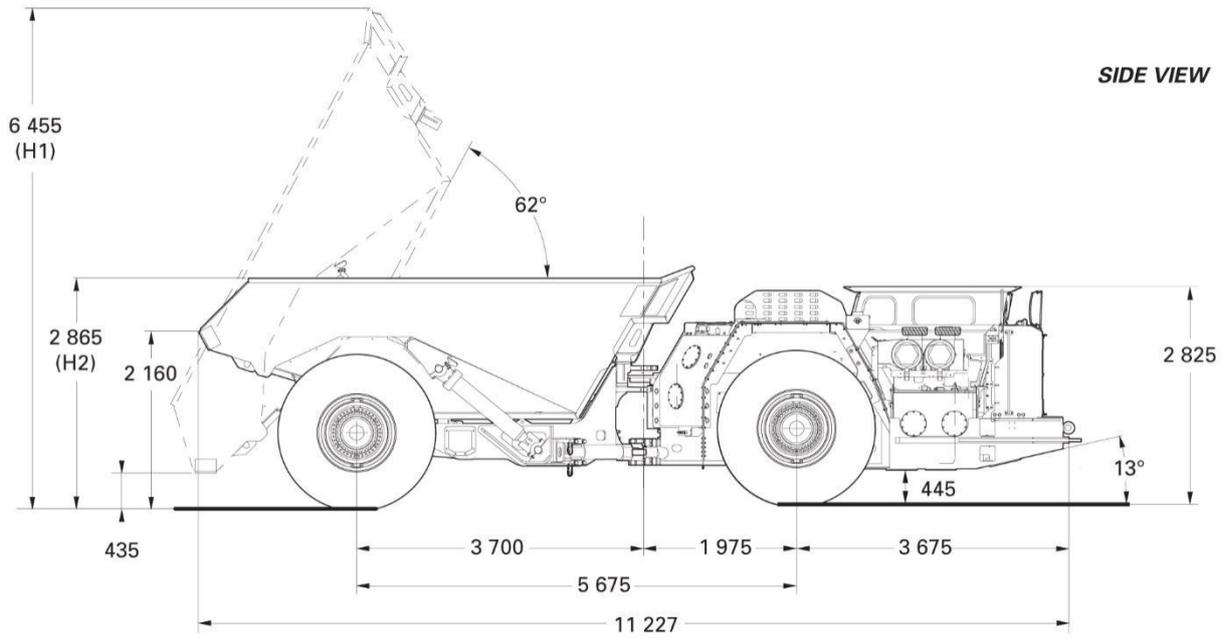
Braking valve: MICO

➤ Electric system: 24V DC

**Options:**

1. Sealed cabin with air-conditioner and heating system, with Video and USB port for amusement;  
Ergonomically and spacious designed compartment for safety and easy operations;  
3 POP-UP window for easy access when facing emergencies;  
Rain scraper for front window  
Protection for front window from falling rocks;  
FOPS and ROPS standard
2. Travelling aid system with camera and record of operation for one month;
3. Automatic and manual fire suppression system for engine compartment;
4. Automatic central lubrication system

## Dimensions



## TURNING RADIUS

