

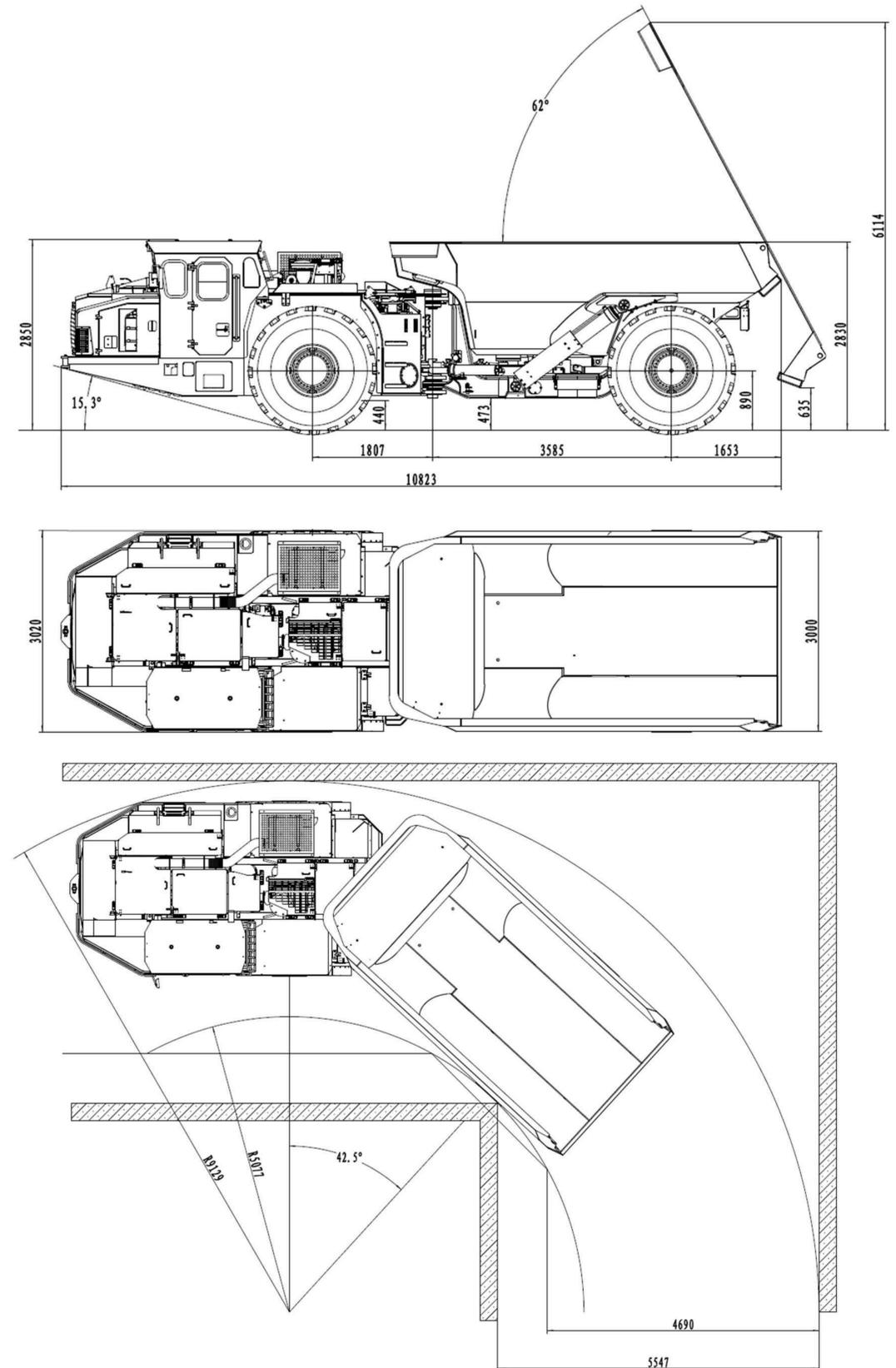
FOCOR FUK-42 Underground Truck



Main Features

- Main parts are imported top brand, like Volvo Engine, DANA torque converter, DANA transmission, KESSLER axle etc.;
- Braking System consisted of Multi-disc Spring Brake Hydraulic Release (SAHR), Forced cooling fully closed wet multi-disc spring brake, acting on four wheels; A three-in-one brake that integrates driving, parking and emergency braking
- Tailor made size and optional parts for customers to choose: Automatic suppression system, Manual centralized lubrication system, Video for reverse Automatic lubrication system

General Dimension



FUK-42 Underground Truck



Technical Parameters

Main Dimensions		Weight	
Length	10823 mm	Operating weight	36000 kg
Width	3020 mm	Payload	42000 kg
Dump box width	3000 mm	Fully loaded	78000 kg
Height(canopy)	2850 mm	Tramping Capacities	
Ground clearance	≥400 mm	Max. attractive	≥420kN
Capacity(SAE heaped)	17 m ³	1 st gear(forward)	4.9 km/h
Capacity(SAE stow)	20 m ³	2 nd gear(forward)	6.3 km/h
Dump angle	62°	3 rd gear(forward)	8.5 km/h
		4 th gear(forward)	11.0 km/h
		Grade ability (15%)	7.4 km/h (Full load at 2nd gear)
Engine		Converter	
Manufacturer Type	VOLVO TAD1650VE	Manufacture	DANA Spicer off-highway
Design Max.	Water-cooled diesel engine	Type	CL9000
Power Max.	405kW(551HP)/1900 rpm	Design	Single stage three components, pump wheel and turbine can be interlocked
Torque	2757Nm/1260rpm	Power shift transmission	
Air intake system	Dry air filter	Manufacture	DANA Spicer off-highway
Exhaust system	DOC exhaust gas catalyst/silencer	Type	8000
Starter, power/voltage	24V	Design	Power shift transmission with 8 forward and 2 reverse
Exhaust quality	Tier 3 and EU Stage III A	Wheels & Tires	
Axles		Rim	22.00-3.5
Swing	Front axle ±8°	Tire	26.5 R25 TL E-4
Manufacture	KESSLER	Tire filling pressure	7±0.1 bar
Type	D106	Steering	
Design	Standard differential	Type	Wheel
Brakes		Design	Swivel-joint hydraulic power steering
Service brake	Multi-disc Spring Brake Hydraulic Release (SAHR)	Steering angle	42.5°
Design	Forced cooling fully closed wet multi-disc spring brake, acting on four wheels; A three-in-one brake that integrates driving, parking and emergency braking	Clearance circle	Inner 5077±200 mm Outer 9129±200 mm
Release pressure	138 bar	Steering Hydraulic System	
Dump/Hoist Hydraulic System		Pump type	Piston pump
Pump type	Piston pump	Pump delivery flow rate	145 ml/rev
Pump delivery flow rate	145 ml/rev	System pressure	22 MPa
System pressure	27 MPa	Number of steering cylinders	2 Pcs (Φ125 mm/Φ90 mm)
Number of dump cylinders	2	Electrical & Control Equipment	
Dump box lift time	<15 s	Safety	
Dump box lowering time	<15 s	Canopy	ROPS/FOPS (Meet SAE) with safety hammer
Electrical & Control Equipment		Emergency buttons	3 (front, articulation, cabin)
Voltage	24V	Fire suppression	Portable manual fire extinguisher 10 kg
Batteries	2×12V/180Ah	Brake safety	Electromagnetic retarder
Lighting system	4×27 W	Dump box lift safety	Mechanic lock
Front and rear turn signals	2+2	Cabin	
Signal lamp	1	Design	Enclosed cabin with AC
Cabin		Delivery safety	Central articulation lock
Design	Enclosed cabin with AC	Service alarm	Beep & light flash
Operator Area	Front seating	Options	
Shift type	Automatic power shift	Automatic suppression system	Optional
Seat	With mechanical shock absorption, adjustable console distance, adjustable to suit the driver's weight	Manual centralized lubrication system	Optional
Meters/gauges	LCD display, speed display, speed display, transmission pressure and temperature display, tire pressure display, engine information display, brake pressure alarm, oil pressure alarm, engine temperature alarm.	Video for reverse	Optional
Operating force	Visual reverse system	Automatic lubrication system	Optional
Noise at operator position	≤90dB(A)	Filling Volumes	
Filling Volumes		Fuel tank	650 L
Fuel tank	650 L	Hydraulic tank	≥225 L
Hydraulic tank	≥225 L	Brake oil tank	≥80 L
Brake oil tank	≥80 L	Engine oil	48 L
Engine oil	48 L	Torque converter/power shift transmission	61 L
Torque converter/power shift transmission	61 L	Front/rear axle differential gear	36 L
Front/rear axle differential gear	36 L	Front/rear axle planetary gear	2×6.5 L
Front/rear axle planetary gear	2×6.5 L		