

UK-15 (TH315) Underground MineTruck



UK-15 Underground MineTruck is used together with WJ-3 or WJ-4 UG production loader. Power supply is emission tire 3 water-cooled diesel engine, to reduce the fuel consumption, and exhaust.

Hydraulic system: proportional electro-hydraulic control, with electric joystick to control the cylinder extension so that the wagon box lift and descend softly.

MAIN FEATURES

- Tunnel suitable: $\geq 3.5\text{m} \times 3.5\text{m}$
- CAN-BUS control for monitoring the failure of the operation;
- Engine: Low pollution diesel engine: Deutz A.G., VOLVO PENTA, CUMMINS
- Transmission and Converter: DANA Spicer R32000+C273
- Drive axle: DANA 16D no-spin
- Main pump: Permco Hydraulics
- Other main hydraulic components: MICO, Williams, Wolvoil, Danfoss, etc.

MAIN SPECIFICATIONS

DIMENSIONS

Overall length	7718±100 mm
Width	2216±50 mm
Height (to Ceiling)	2389±50 mm
Wagon box volume (SAE)	7.5 m ³
Wagon box lifting height	4037±50 mm
Ground clearance	254±10 mm
Unload angle	65°±2°
Turning radius (Inner)	3122±150 mm
Turning radius (Outer)	6045±250 mm
Steering angle	44°±2°

WEIGHT

Empty weight	16500 kg
Rated loading capacity	15000 kg
G.V.W.	31500 kg

HAULING (4 speed forward+4 speed reverse)

Travelling speed	0 ~ 26.2 km/h
Grade ability	25% @ gear 1 4.0km/h
Max. traction force	197 kN

MAIN COMPONENTS

POWERTRAIN

Model	Deutz BF6M1013EC
Emission standard	Tire 3
Power rated	152~165 kW/2300 rpm
Maximum torque output	854 Nm/1400 rpm
Exhaust purifier	Catalytic+Silencer
Options	Volvo Penta

DRIVELINE

Converter	DANA C270 series
Transmission	DANA 32000 series
Drive axle	DANA 16D
Options	KTQ30
Tires	17.50R25

HYDRAULIC SYSTEM

Hydraulic pump and control valve	Permco+ Danfoss
System pressure	18 MPa
Steering method	Central articulation, hydraulic steering

BRAKE SYSTEM

Brake pump	Permco
Brake valve	Mico
Brake pressure	11 MPa
Service brake	Hydraulic brake, spring release
Parking brake	Spring brake, hydraulic release

ELECTRIC SYSTEM

Voltage	24VDC
Generator	28V/70A
Starter motor	6.0 kW/24V
Battery	165 Ah×2



WILLIAMS
Valve Corp.

Dimensions:

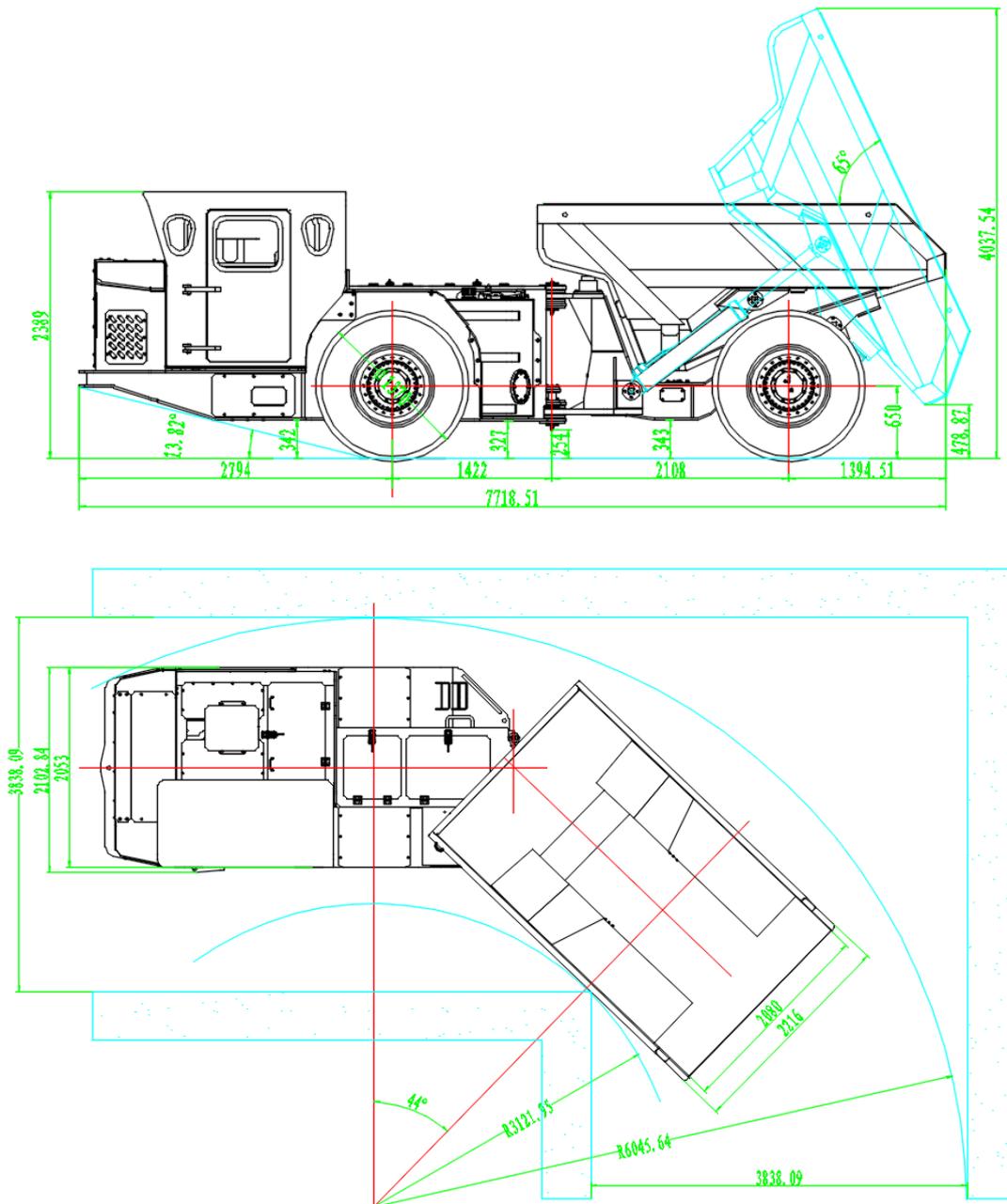


PHOTO GALLERY







OPTIONS:

Sealed cabin with air-conditioner



Automatic central lubrication system



Batec Fire suppression system



360° View travel aid with recording system

