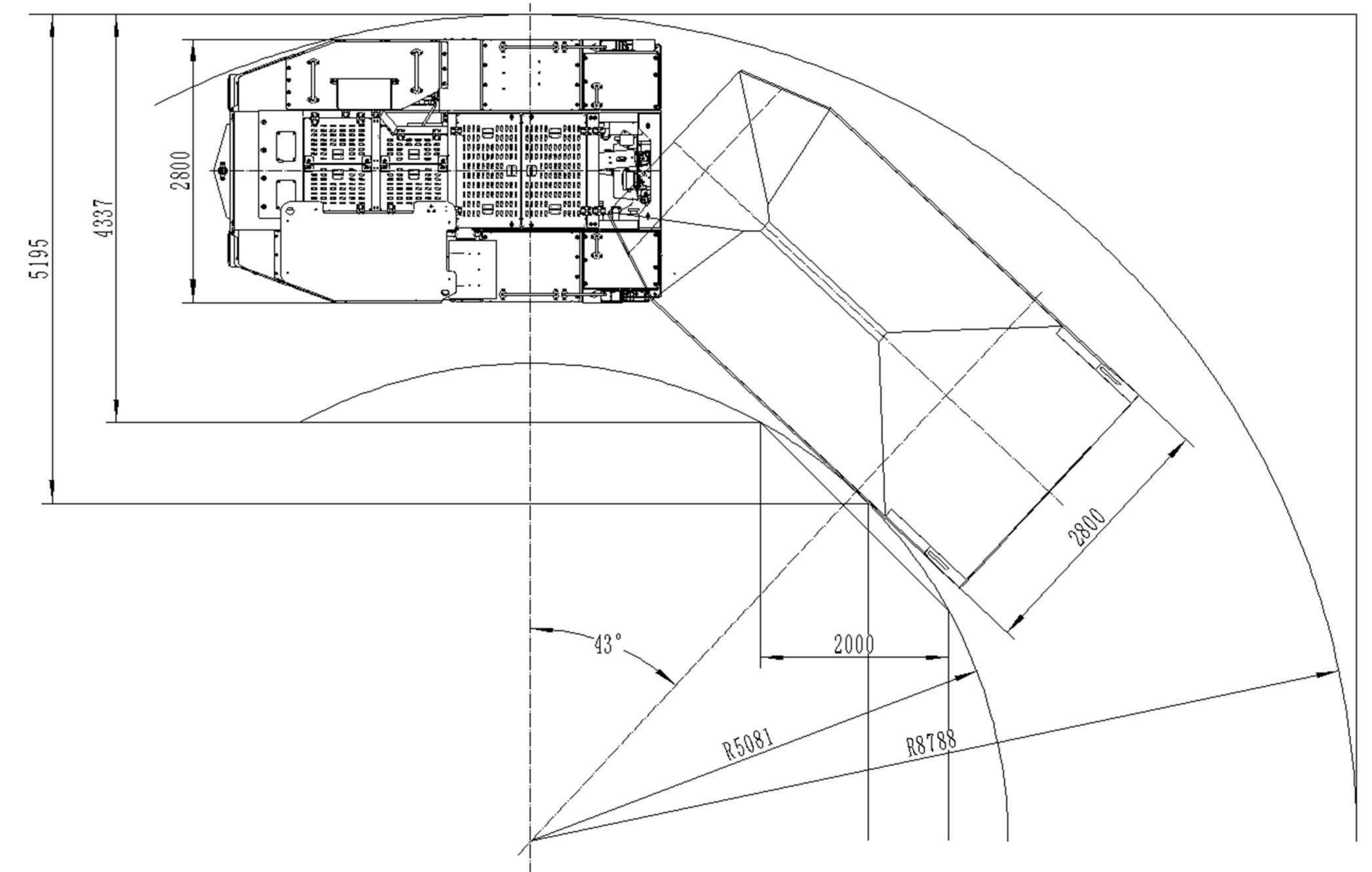
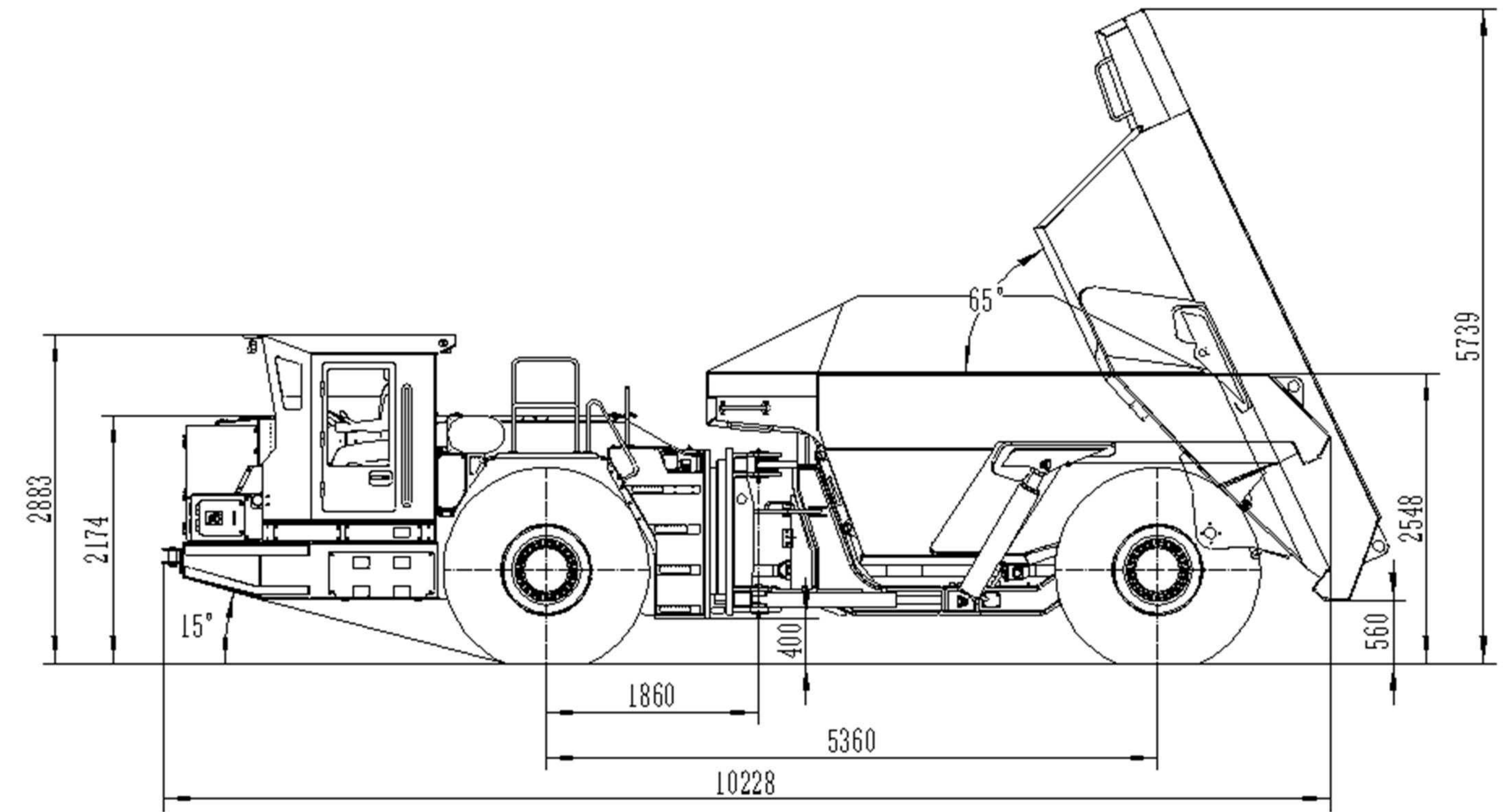




# FUK-30 Underground Truck



## General Dimension



## Main Features

- Main parts are imported top brand, like VOLVO Engine, DANA Converter, DANA Transmission, GEAR KESSLER Axles etc;
- Brake system: SAHR service brake, fully enclosed, oil cooled multiple, Wet discs at each wheel on ;
- Tailor made size and optional parts for customers to choose: Automatic suppression system, Manual centralized lubrication system, Video for reverse, Automatic lubrication system .

# FUK-30 Underground Truck



## Technical Parameters

General Parameter		Weight	
Length	10228 mm	Operating weight	29500 kg
Width	2800 mm	Payload	30000 kg
Dump box width	2800 mm	Fully loaded	59500 kg
Height(canopy)	2885 mm	<b>Traveling performance</b>	
Ground clearance	400 mm	Max. attractive	≥300 kN
Capacity(SAE heaped)	15 m <sup>3</sup>	1 <sup>st</sup> Gear(forward)	6.2 km/h
Dump angle	65°	2 <sup>nd</sup> Gear (forward)	10.7 km/h
<b>Diesel Engine</b>		3 <sup>rd</sup> Gear (forward)	18.3 km/h
Manufacturer Type	VOLVO TAD1350	4 <sup>th</sup> Gear (forward)	30.6 km/h
Design Max	Water-cooled diesel engine	1 <sup>st</sup> Gear (Reverse)	6.2 km/h
Power Max	Tier 3 and EU Stage III A	Grade ability	15%, 6.4km/h at 2 <sup>nd</sup> Gear
Torque	2175Nm/1200rpm	<b>Converter</b>	
Air intake system	DONALDSON dry air filter	Manufacture	DANA Spicer off-highway
Exhaust system	DOC exhaust gas catalyst/silencer	Type	CL8000
Starter, power/voltage	Delco Remy 6.0kw/24V	Design	Single stage industrial type
Alternator, voltage/ampere	Delco Remy 24V/150A Meets U.S. EPA	<b>Power Shift Transmission</b>	
Exhaust quality	Tier 3 and EU Stage III A	Manufacture	DANA Spicer off-highway
<b>Axles</b>		Type	6000
Front and rear axles	Rigid planetary axles with differential	Design	Power shift transmission with 4 forward and 4 reverse
Manufacture	Gear KESSLER	<b>Wheels &amp; Tires</b>	
Type	D91	Rim	22.00-3.0
Design	Standard differential	Tire	26.5 R25 TL E-4
<b>Brakes</b>		Tire filling pressure	7±0.1 bar
Service brake	SAHR	<b>Steering</b>	
Design	Fully enclosed, oil cooled multiple . Wet discs at each wheel en	Type	wheel
Release pressure	138 bar	Design	Swivel-joint hydraulic power steering
<b>vDump/Hoist Hydraulic System</b>		Steering angle	43°
Pump type	Gear pump	Clearance circle	Inner 5081±250mm Outer 8788±350mm
Pump delivery flow rate	80+35 ml/rev	<b>vSteering Hydraulic System</b>	
System pressure	18 MPa	Pump type	Gear pump
Number of dump cylinders	2	Pump delivery flow rate	81 ml/rev
Dump box lift time	<15 s	System pressure	19 MPa
Dump box lowering time	<15 s	Number of steering cylinders	2
<b>vElectrical &amp; Control Equipment</b>		<b>Lighting System</b>	
Voltage	24V	Main headlights	2x23W (LED)
Batteries	2x12V/180Ah	Reverse headlights	2x23W (LED)
Control	Manual	Number of lights(main&reverse)	2+2
<b>Cabin</b>		Brake light	1
Design	Enclosed cabin with AC	Beacon light	1
Operator Area	Front seating	<b>Safety</b>	
Shift type	Manual power shift	Canopy	ROPS/FOPS ( Meet SAE ) with safety hammer
Seat	Spring cushioned seat, adjust distance Hour meter, Pre-heat indicator, Engine temperature gauge, Engine oil Pressure gauge, Brake pressure gauge, Transmission pressure gauge, Transmission temperature gauge, Brake pressure low warning.		
Meters/gauges	Murphy display	Emergency buttons	3(front, articulation, cabin)
Noise at operator position	≤90dB(A)	Fire suppression	Portable manual fire extinguisher 10kg
<b>Filling Volumes</b>		Brake safety	Exhaust brake
Fuel tank	430 L	Dump box lift safety	Mechanic lock
Hydraulic tank	≥450 L	Delivery safety	Central articulation lock
Engine oil pan	36 L	Service alarm	Beep & light flash
Torque converter/power shift transmission circuit	58 L	<b>Options</b>	
Front axle differential gear	47 L	Automatic suppression system	Optional
Front axle planetary gear	2x3.5 L	Manual centralized lubrication system	Optional
Rear axle differential gear	47 L	Video for reverse	Optional
Rear axle planetary gear	2x3.5 L	Automatic lubrication system	Optional