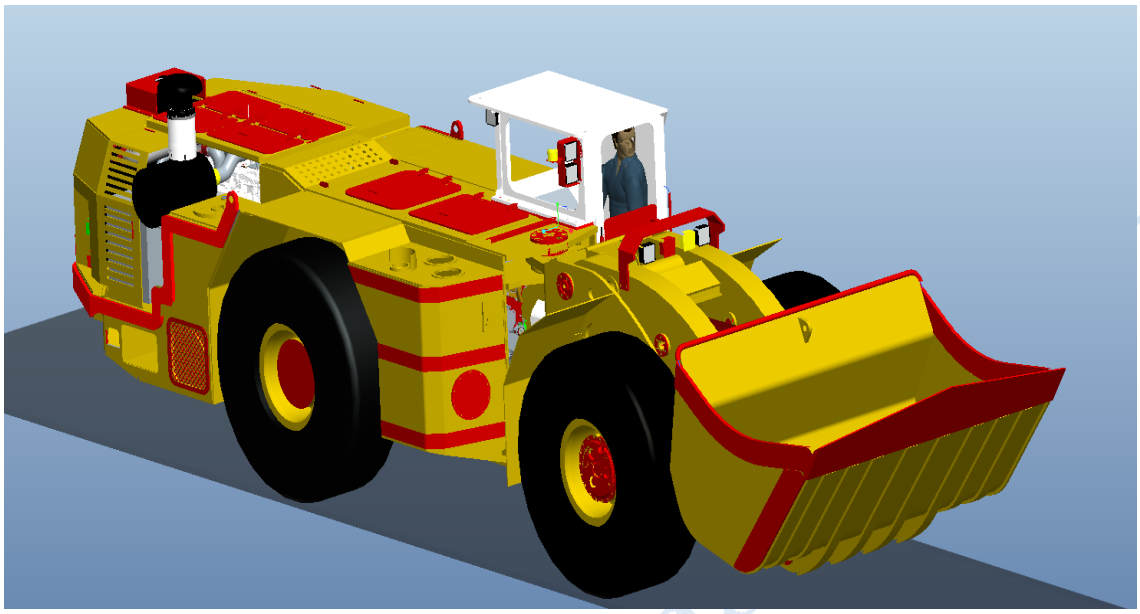
KAMACH®

WJ-4.5 DIESEL DRIVE UDNERGROUND WHEEL LOADER



Main dimenions

Length:	9718 mm
Width:	2320 mm
Loading height (Full load)	1840 mm | 3574 mm
Cabin height	2390~2450 mm
Max. unload angle	40º
Shovel volume (Heap)	4.5 m^3

Weight

Machine weight	25,300 kg
Tramming	10,000 kg

Travelling capacity

Maximum speed

kamach@kam

Fully loaded Advance/Reverse, no slope	
1 gear	4.0 km/h
2 gear	8.3 km/h
3 gear	15.4 km/h
4 gear	25.0 km/h
Maximum grade ability	25%
Maximum traction force	217 kN

Engine

Manufacturer	DEUTZ
Model	BF6M1013FC
Type	Water-cooled diesel engine
Power installed	223 kW/2300 rpm
Max. torque output	806 Nm/2100 rpm
Air inlet	Dry air filter
Exhaust outlet	Catalyst exhaust purifier+silencer

Drive system

Converter		
Model:	Series 5000	DANA
Transmission		
Model:	Series 36000	DANA
Design	Fully automatic with CAN-bus transmission, 4 speed advance/reverse	

kamach@kamach.com

Drive axle		
Front axle	20D	DANA
Type:	With anti-slip auto-lock differential rigid planetary axle	
Rear axle	20D	DANA
Type:	With differential rigid planetary axle	
Swinging angle	±10 °	

- Options: Kessler+CO D102

Rim/Tire

Rim size	13.00-25/2.5
Tire size	18.00-25
Tire inflation pressure	Front 0±0.1 bar / Rear 3.5±0.1 bar

Brakes

Braking system	SAHR
Service brake	Wet multi-discs external cooling, all hydraulic operation
Braking pressure	110 bar
Parking brake/Emergency brake	Spring brake, hydraulic release on 4 wheels
Parking capability	Safety brake with full load on 25% slope

Steering

Type:	All hydraulic power steering
Swinging angle	±40°
Turning radius (external)	6650±250 mm
Turning radius (Inner)	3345±250 mm

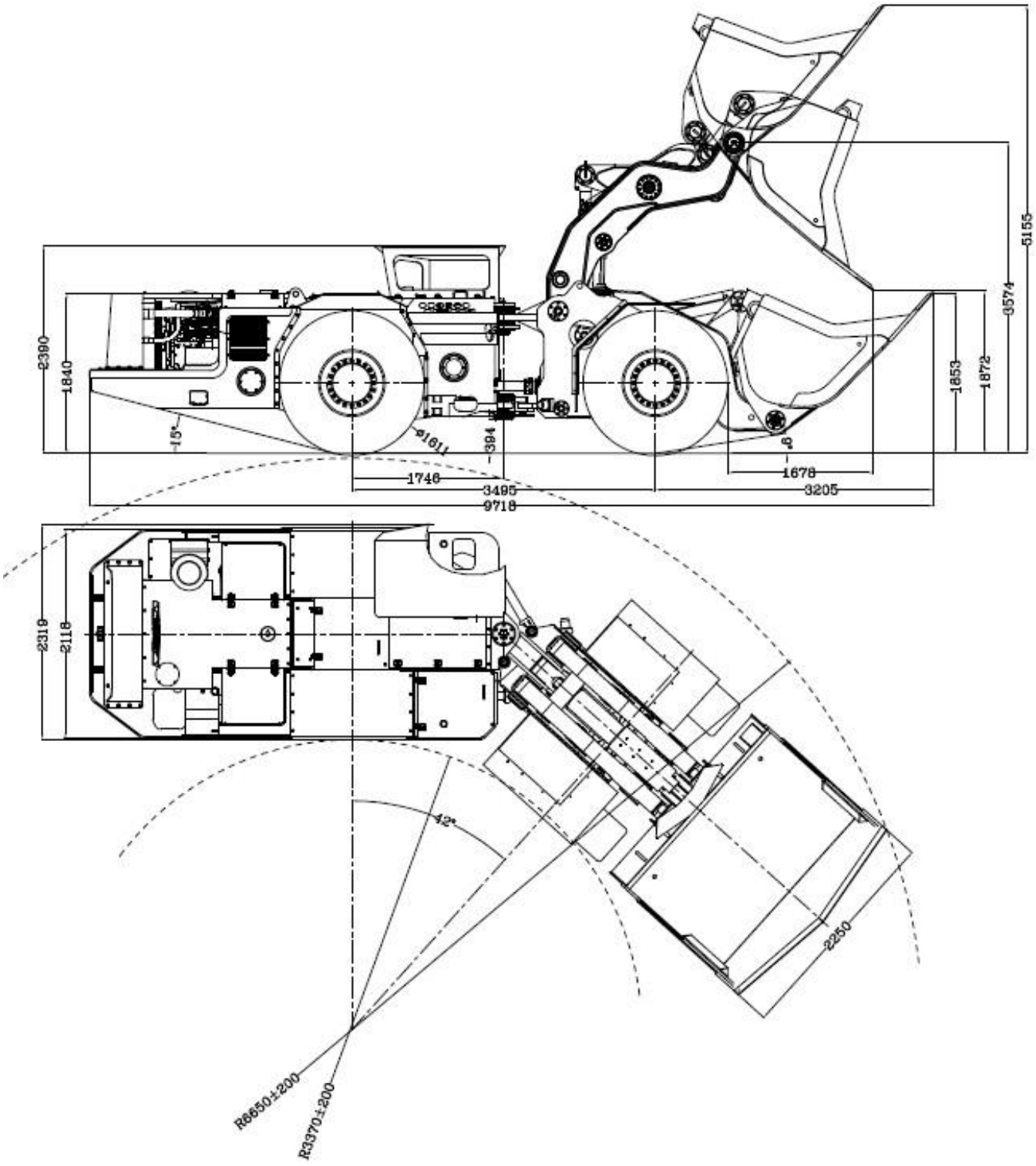
kamach@kamach.com

OPTIONS:

- Engine: VOLVO TAD1150VE or TAD853VE water-cooled diesel engine.

  Cummins QSL9-C300 224 KW/2100rpm (Eu III emission standard)

- Sealed cabin with heater and air-conditioner;
- Automatic central lubrication
- Automatic & Manual fire suppression system
- Radio & Video system
- Remote control system

kamach@kamach.com

If clients have any preference for the main components please confirm with us.