

WJ-7 Underground Wheel Loader (18 ton)

Main Specifications:

Capacity	
Loading capacity	7 cubic meter/17.5~18 Metric Ton
Breakout force, hydraulic	28 500 kg
Motion time	
Boom raising	7.2 sec
Boom lowering	4.0 sec
Dumping	2.8 sec
Weight	
Complete weight	51 500 kg
Front axle load	25 000 kg
Rear axle load	26 500 kg
Grade ability	25% full load
Size	
Length	11 060 mm
Width of bucket	3 000±250 mm
Width of main frame on wheels	3 000±250 mm
Height	2 745±250 mm
Off load height	4 554±250 mm

Main components:

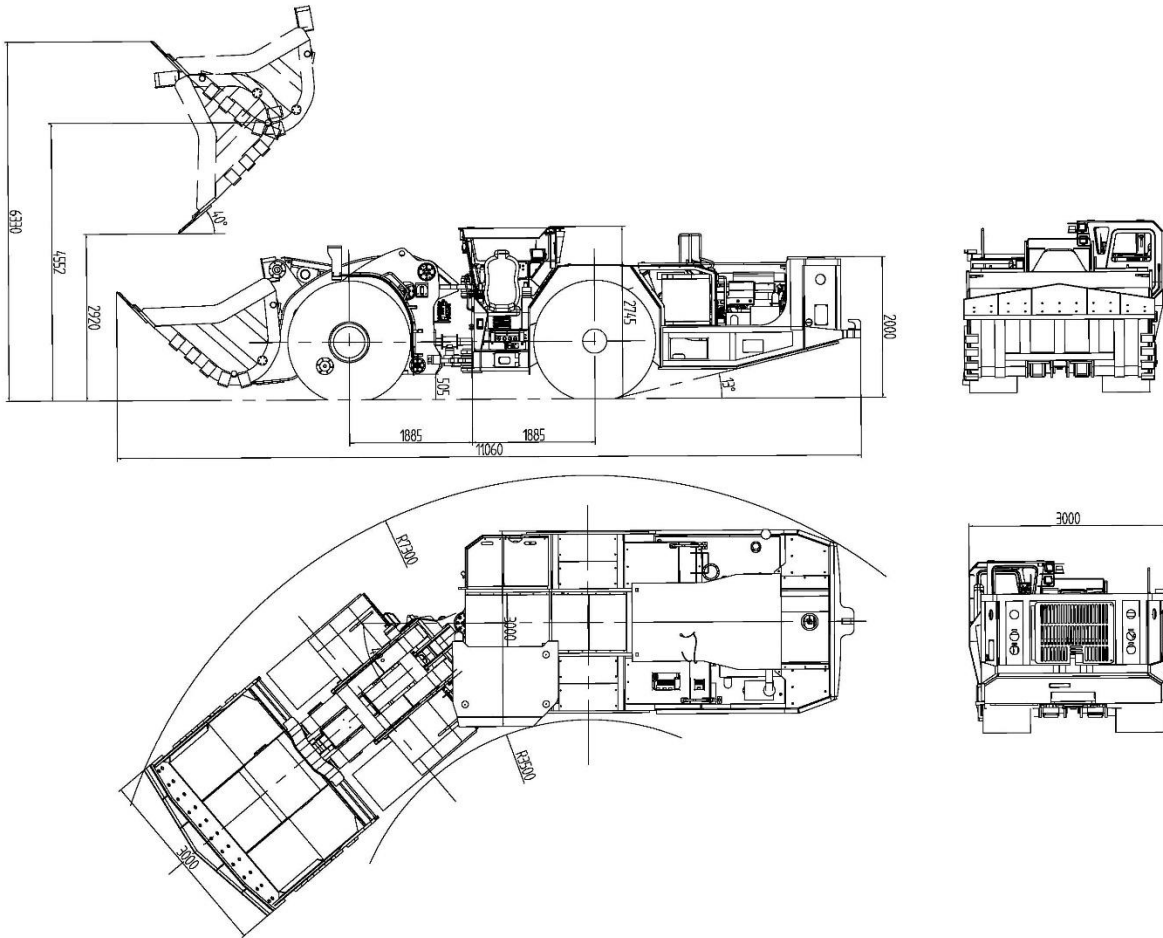
Engine	
Brand	VOLVO PENTA
Model	TAD1352VE
Cooling method	Liquid cooled with tube type radiator
Power @ 1900 rpm	315 kw
Maximum torque @ 1000~1400 rpm	2175 Nm
Exhaust treatment	Catalytic purifier and silencer
Transmission	
Brand	DANA
Model	TE32
Type	Automatic power shift with integrated converter, fully modulated 4 speed shift forward and reverse with automatic lock-up and de-clutch function.
Axles	
Brand	KESSLER
Model	D111
No-spin	Front axle
Swinging bracket	Rear axle

Brakes	
Service/Parking/Emergency brakes	SAHR, spring brake hydraulic release
Type	Fully enclosed multiple wet discs at each wheel end, forced cooled
Brake cooling tank capacity	50 L
Tires	
Size	29.5R29 L5S cut-resistance mining tires
Cabin	
Open cabin	Standard
Sealed cabin with air conditioner and heater	Optional
Automatic open door idling system	Standard
Video recording system	Optional
Travel aid system	Optional
Remote control system	Optional
Fluid tank volume	
Hydraulic oil tank	290 Litre
Brake	50 Litre
Diesel tank	600 Litre (Standard)

Other options:

1. Automatic central lubrication system
2. Fire suppression system on engine compartment
3. Remote control system
4. Travel aid system
5. Recording system for operation for one months.

Dimensions



The real delivery may have slightly difference from above specifications, the manufacturer has the final legal right for explanation.

Please consult our local dealers for services, you can also contact us directly any time to make consultancy!