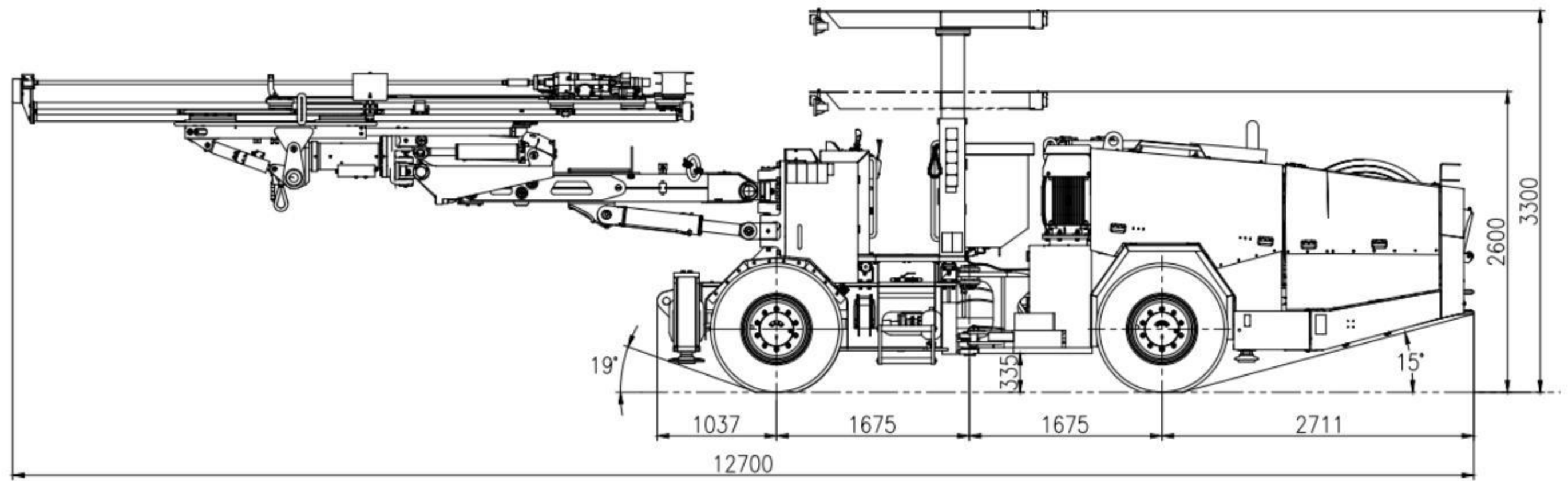
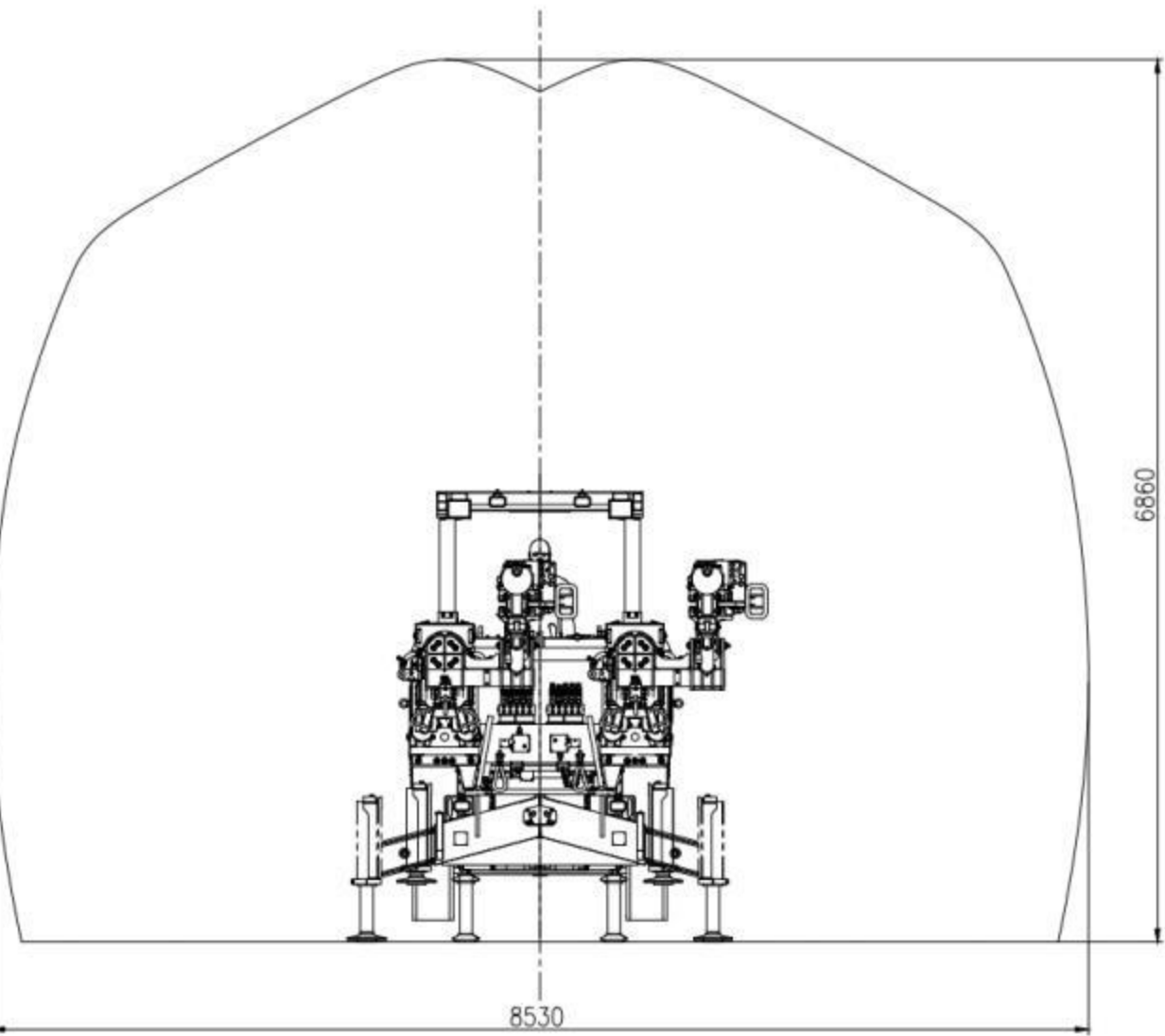
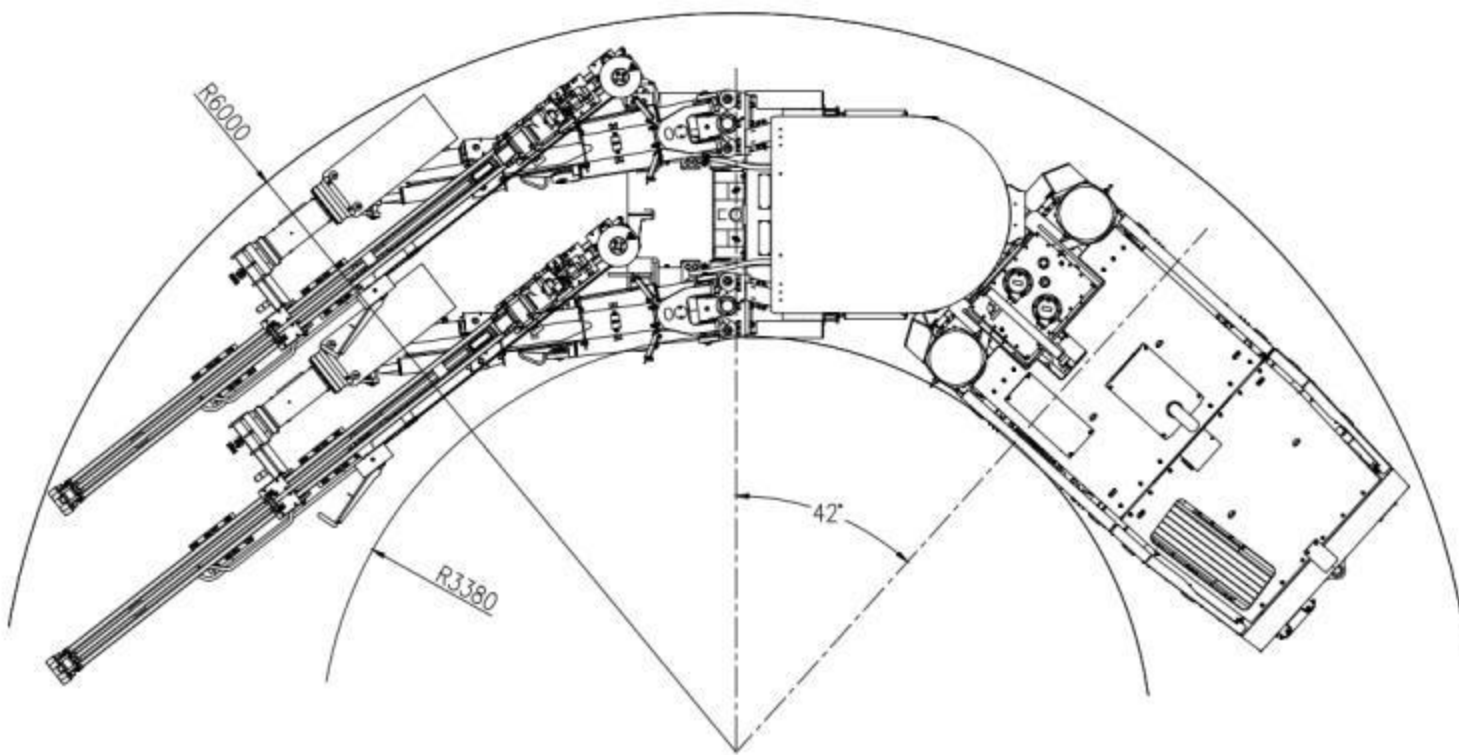




Side view



Coverage area



Turning radius

Dimensions	
L*W*H (mm)	12700*2000*2600/3300
Ground clearance (mm)	335
Total weight (Kg)	23000
Turning radius (mm)	3380/6000
Traveling speed (Km/h)	16



SITON

DD4-2b

Face Drilling Rig



DD4-2b Face Drilling Rig

DD4-2b face drilling rig is a heavy-duty double-boom face drilling rig. It can be used from medium to large size underground mining drifts and tunnels. This rig is equipped with 2 sets of independent drilling systems. The suitable cross-sections (width x height) is from minimum 3.2m x 3.2m to maximum 8.5m x 6.8m.

Woserld Rock Drill

With high pressure and low flow hydraulic system. The Woserld rock drill delivers high penetration rates in hard rock (< F17) and low drilling steel consumption. With the classic double damping design the service life is long and the cost is low. 18/20kw rock drill is standard, and higher power 22/25kw rock drill is optional.

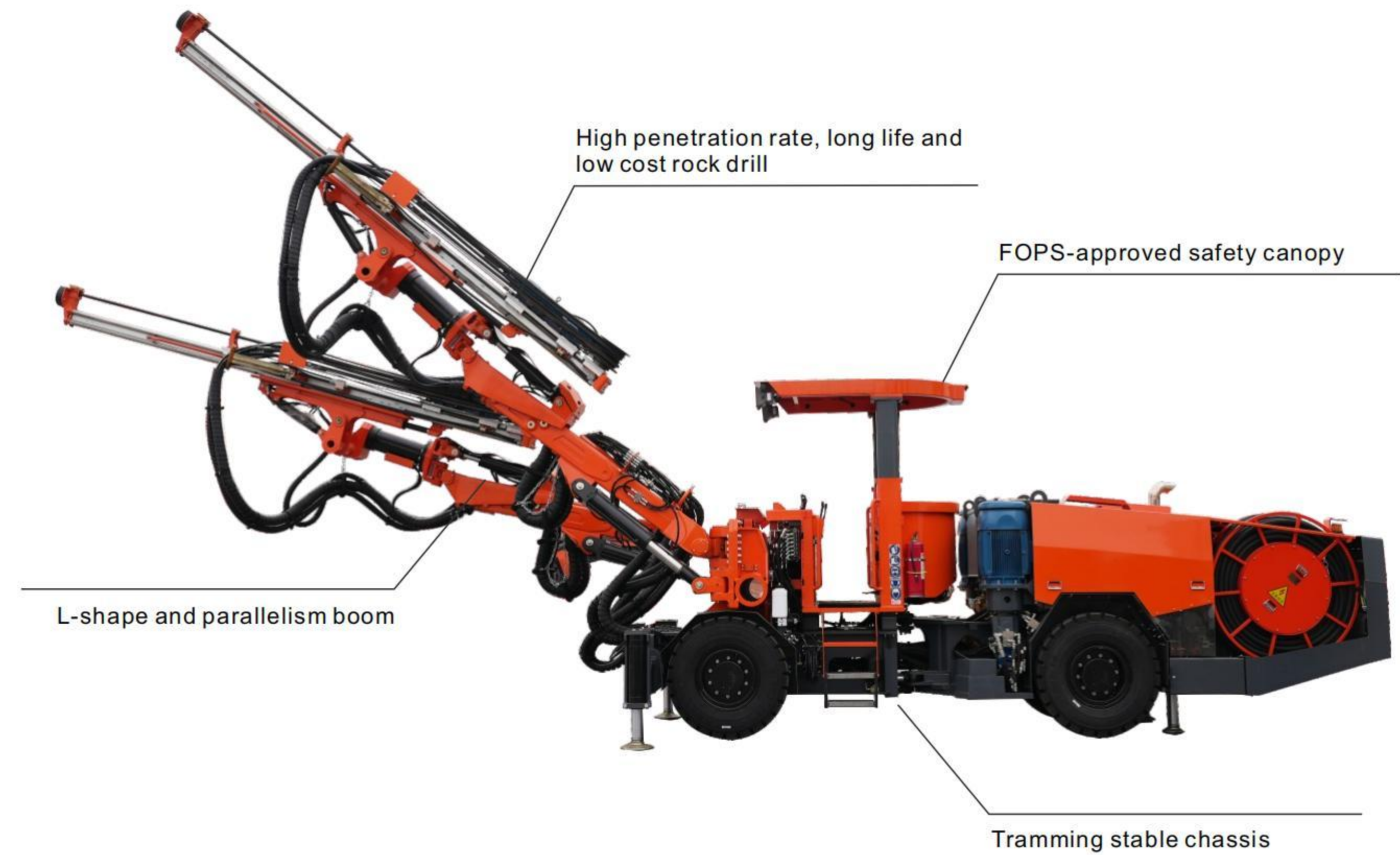


L-shape Boom

The L-shape boom design gives the operator more visual space. Also the parallelism drill boom delivers fast and accurate face drilling.

Digital Monitor

Operating status, time, alarm information, working hours and fault points are displayed. Hydraulic oil level and temperature, lubrication system failure, water pump pressure and electrical system failure have alarm displays to help operators and after-sales engineer to understand the equipment operation status and fault location at any time.



Note: This picture is for reference only. Different or optional configuration will make it looks different.

Rock drill		
Model	A18D/L	S20D/L
Shank	T38	T38
Hole diameter(mm)	33-76	43-64
Max impact power(Kw)	18	20
Impact frequency(Hz)	60	67
System pressure(Bar)	230	220
Rotary system		
Rotary speed(rpm)	0-215	0-250
Max rotary torque(N·m)	1000	400
Lubrication consumption(L/S)	5	5

Feed			
Model	TF1838-12	TF1838-14	TF1838-16
Total length(mm)	5315	5915	6525
Drill rod length(mm)	3700	4300	4915
Drill depth(mm)	3400	4000	4600
Total weight(Kg)	560	593	633
Propulsion(KN)	15	15	15

Boom

Advancing compensation.....1250mm
Drill boom telescopic.....1500mm
Parallel hold.....All-round
Push beam flip.....±180°
Working area (width x height).....8530×6860mm

Air compressor system

Model.....screw/Kompressoren
Motor power.....7.5Kw
Max displacement.....900L/min
Working pressure.....0.9Mpa

Water system

Motor power.....4.5Kw
Max displacement.....160L/min
Max working pressure.....8-12bar

Control system

Direct hydraulic control system
Function: Anti-jam drill

Hydraulic system

Hydraulic pumps for impact,positioning and propulsion
Hydraulic pump for rotation
Oil pump unloading start
Max system pressure.....230bar
Hydraulic oil tank capacity.....300L
Low oil level indicator with shutdown function
With oil temperature gauge and switch
Filtration accuracy.....10µm
Oil filter indicator
Stainless steel water cooler for hydraulic oil
Manual oil injection pump
Mineral-based hydraulic oil

Chassis

Engine.....Weichai
Rated power.....89KW
Torque.....500N·m
Fixed seat with safety belt
Articulated steering angle.....±42°
Four wheel drive
FOPS certified ceiling
Hydrostatic power steering system
Hydraulic transmission
Front axle.....Fenyi
Rear axle.....Fenyi
Departure angle.....15°
Approach angle.....19°
Front hydraulic outrigger.....2,extensive
Rear hydraulic outrigger.....2
Service brake:
Hydraulic brake,spring release,wet type
Emergency and brake:
spring brake,hydraulic release
Fuel capacity.....95L
Electrical system voltage.....24V
Battery.....2x12V,80Ah
Tramming lights.....8x55W
brake light
position light
Exhaust catalytic converter/muffler
Fire extinguisher
Angle ruler
Max gradeability.....14°
Travelling speed.....16Km/h
Horn, warning lights and reversing alarm

Electrical system

Total installed power.....122Kw(2x55+7.5+4.5)
Main motor power.....2x55Kw
Voltage.....380V
Frequency.....50Hz
Start mode.....star/triangle
Motor overheating and overload protection
Impact timing
Digital voltage/ammeter
Phase sequence indication
Battery charger.....600W 24V
Voltmeter.....1500VA 380V/220V
Cable drum capacity.....90m

Optional part

Rock drill	A22L/D	A25L
Centralized lubrication system		
Butter machine, butter reel		
Car wash water reel		
Closed cab		
DANA front and rear axles		
Plateau type		

Note: This data sheet is for reference only. Due to different or optional configuration, Siton reserves the right to make changes to the information without prior notification to users.