

CYTJ102

Mining hydraulic face drilling rig

Product introduction:

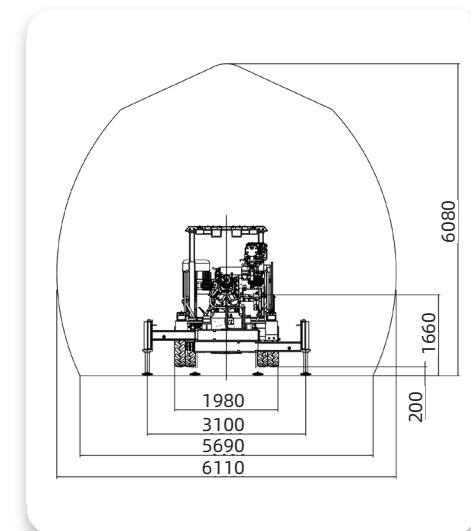
- CYTJ102 is suitable for blasting hole drilling in underground mines, tunnels and underground workshops. The maximum working area is 31m² (maximum width is 6.11m, maximum height is 6.08m), and the drilling diameter is 41~102mm. The overall structural design is reasonable, high strength, easy maintenance, high equipment operation efficiency and good economy.



Main features:

- Rock drill: with double buffer shock absorption system to ensure the best service life of drilling tools; pressure oil film protects and lubricates each interface to reduce internal pollution of rock drill.
- Hydraulic drill boom: heavy-duty drill boom, double triangle suspension support drill arm provides accurate hydraulic parallel holding function in all directions.
- Hydraulic propulsion beam: heavy-duty aluminum alloy propulsion beam, with high bending and torsional strength and long service life; the surface of the propulsion beam is covered with stainless steel skin, and polyurethane rubber wear-resistant pads are used between moving parts.
- Control system: hydraulic rock drilling control system, with automatic anti-stuck drill function RPCF (rotational pressure control propulsion force).
- Chassis: sturdy articulated heavy-duty chassis, four-wheel drive; driven by water-cooled diesel engine; four hydraulic legs for firm and stable vehicle.
- Other configurations: liftable safety roof to prevent falling objects impact, cable reel, electric-driven piston air compressor, electric-driven booster water pump (hydraulic booster water pump can also be customized), working lighting.

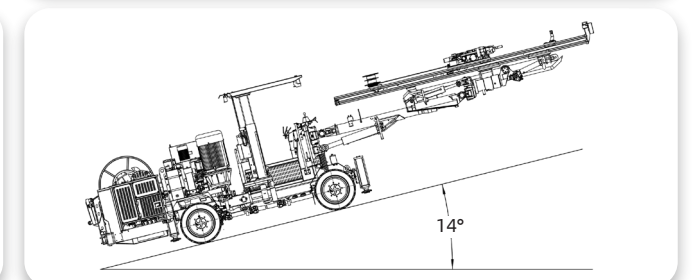
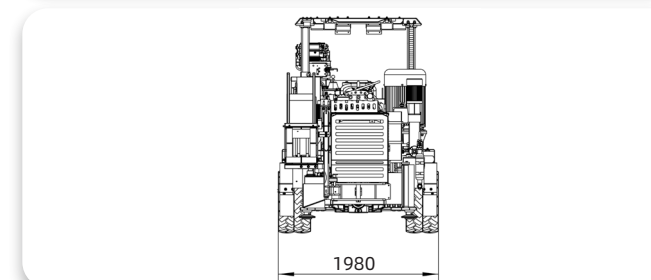
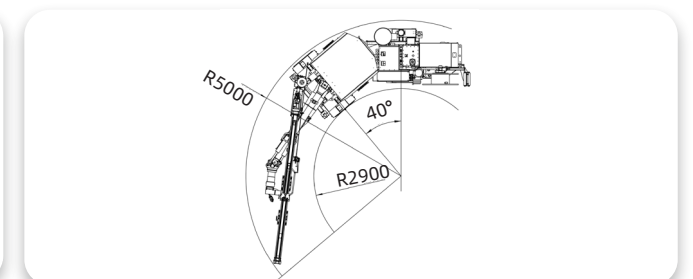
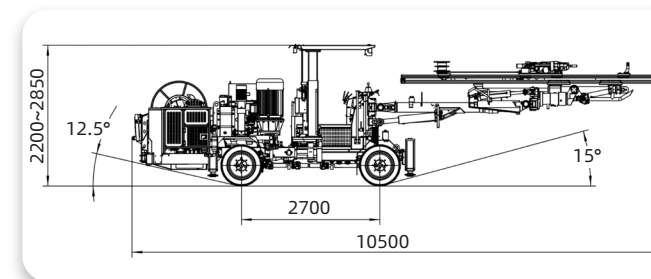
Working Scope:



Technical parameters:

Item	Parameter
Overall performance	Transport dimensions(L×W×H) 10500×1980×2200(Highest 2850)mm
	Machine weight 11500kg
	Number of drill arms 1 ↑
	Operating range(W×H) 2.6×2.6~6×6m
	Drilling diameter 41~102mm
Driving system	Drive type Hydrostatic
	Braking system Driving: Closed wet multi-circuit hydraulic brake Parking: Spring mechanical brake
	Ground clearance 190mm
	Min. Turning radius Inner :2900mm; Outer :5000mm
	Max. Climbing ability 14°
	Rear axle swing angle ±6~±8°
	Max. Driving speed 10km/h
	Tires Solid tires for mining
Rock drill	Impact power 18kW(Optional 20kW)
Propeller	Propulsion method Cylinder - Wire Rope
	Drilling depth 3405/4015mm
Power system	Power mode Diesel-electric dual power: diesel power for traveling, electric motor power for operation
	Diesel engine rated power and speed Yuchai 88kW/2200rpm
	Main motor rated power 55kW
	Main motor rated voltage 380V(Customizable 660V/1000V/1140V)
	Cable length 100m

Schematic diagram:



Note: Due to different customer needs, the parameter settings may vary. Our company reserves the final right of interpretation for the above content. If you need product customization or to get a quote, please call the consultation hotline +86 15215510300 or send an email to lance@ah-jarlo.com

80 PAGE

Mining Rock Drilling Series-CYTJ102