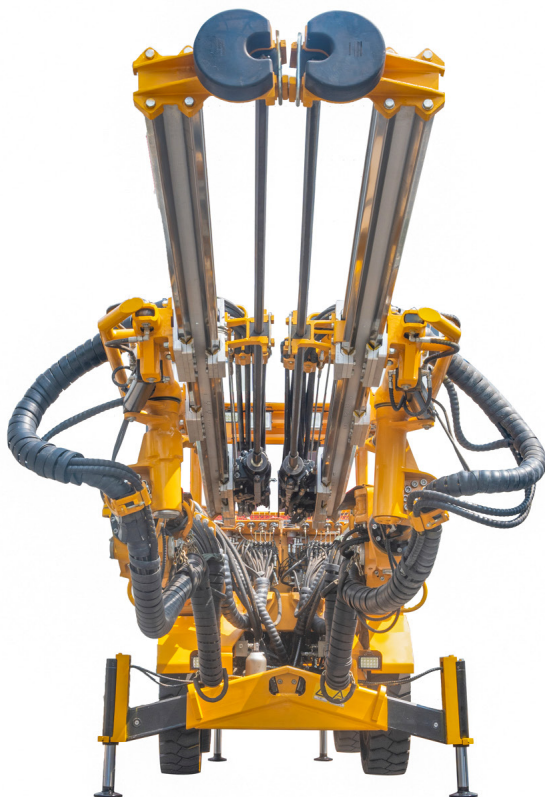


CYTJ102/2

Mining hydraulic face drilling rig

Product introduction:

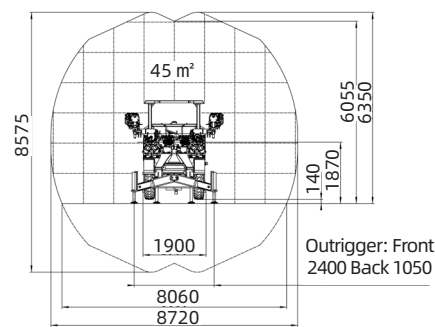
- CYTJ102/2 is suitable for blasting hole drilling in underground mines, tunnels and underground workshops. The maximum working area is 45m² (maximum width is 8.72m, maximum height is 6.35m), and the drilling diameter is 41~102mm. The double-boom design can effectively improve the drilling efficiency of the equipment, and the automatic drill withdrawal system allows one operator to easily handle the operation of two sets of booms. The hydraulic parallel mechanism of the boom can achieve fast and accurate positioning, and the diesel-electric dual power system does not produce exhaust gas during operation and takes into account the needs of rapid transfer.



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 the rock drill.
- Hydraulic drill boom: two sets of heavy-duty drill booms, double triangular suspension support drill arms provide 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, 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 a 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.

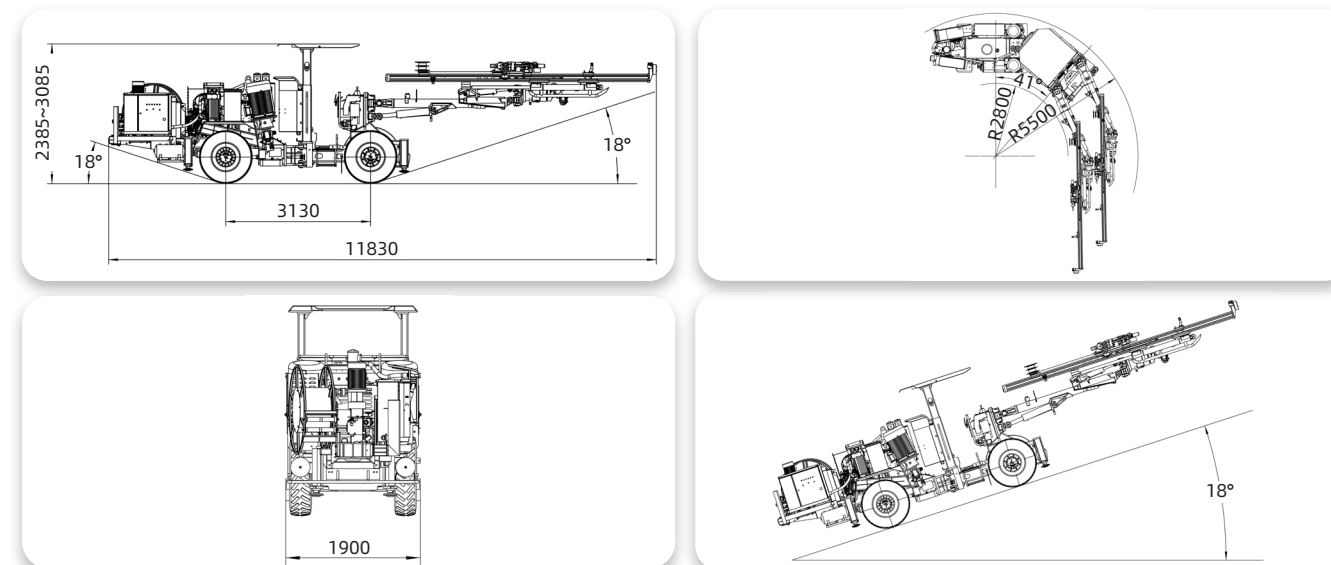
Working Scope:



Technical parameters:

Item	Parameter
Overall performance	Transport dimensions(L×W×H) 11830×1900×2385 (Highest 3085) mm
	Machine weight 18000kg
	Number of drill arms 2 ↑
	Operating range(W×H) 8.72×6.35m
Driving system	Drilling diameter 41~102mm
	Drive type Torque converter + gearbox
	Braking system Driving: Closed wet multi-circuit hydraulic brake Parking: Spring mechanical brake
	Ground clearance 340mm
	Min. Turning radius Inner:2800mm; Outer:5500mm
	Max. Climbing ability 18°
	Rear axle swing angle ±6~±8°
Rock drill	Max. Driving speed 16km/h
	Tires Solid tires for mining
Propeller	Impact power 18kW(Optional 20kW)
	Propulsion method Cylinder - Wire Rope
Power system	Drilling depth 4015mm
	Power mode Diesel-electric dual power: diesel power for traveling, electric motor power for operation
	Diesel engine rated powerand 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