

CYTJ76

Mining hydraulic face drilling rig

Product introduction:

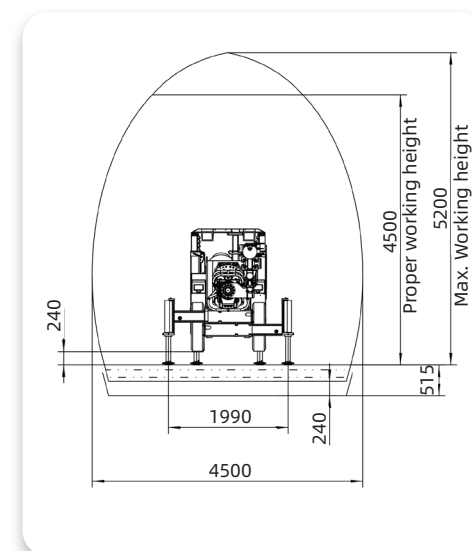
- CYTJ76 is suitable for blasting hole drilling in underground mines, tunnels and underground workshops, especially for small-section excavation. The maximum working area is 18m² (maximum width 4.5m, maximum height 5.2m), the drilling diameter is 41~76mm. The equipment has a reasonable structural design, easy maintenance, high operational efficiency, and good economy.



Main features:

- Rock drill: with a buffer shock absorption system to ensure the best service life of the drill. The pressure oil film protects and lubricates the joint interfaces to reduce the internal pollution of the rock drill.
- Hydraulic drill boom: heavy-duty drill boom, the double triangle suspension support drill arm can 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 the moving parts.
- Control system: hydraulic rock drilling control system, with automatic anti-jamming 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 are used to stabilize the vehicle.

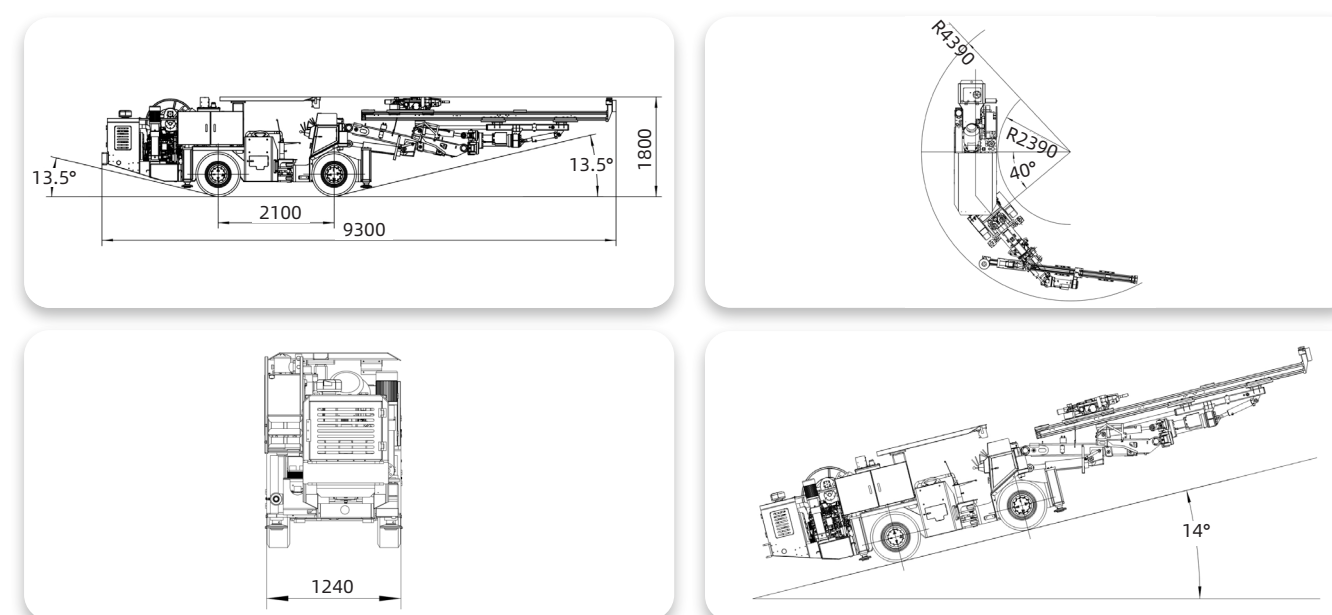
Working Scope:



Technical parameters:

Item	Parameter
Overall performance	Transport dimensions(L×W×H) 9300×1240×1800 (Highest 2450) mm
	Machine weight 8400kg
	Number of drill arms 1 pcs
	Operating range(W×H) 1.8×1.8~4.5×4.5m
Driving system	Drilling diameter 41~76mm
	Drive type Hydrostatic
	Braking system Driving: Closed wet multi-circuit hydraulic brake Parking: Spring mechanical brake
	Ground clearance 220mm
	Min. Turning radius Inner:2390mm; Outer:4390mm
	Max. Climbing ability 14°
	Rear axle swing angle ±6~±8°
Rock drill	Max. Driving speed 7km/h
	Tires Solid tires for mining
Propeller	Impact power 15kW(Optional18kW)
	Propulsion method Cylinder - Wire Rope
	Drilling depth 2760mm
Power system	Power mode Diesel-electric dual power: diesel power for traveling, electric motor power for operation
	Diesel engine rated power and speed Yuchai 48kW/2200rpm
	Main motor rated power 45kW
	Main motor rated voltage 380V(Customizable 660V/1000V/1140V)
	Cable length 50m

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

78 PAGE

Mining Rock Drilling Series-CYTJ76