

CYTM41/2

Mining hydraulic bolting rig

Product introduction:

- CYTM41/2 is a fully mechanized drilling and installation equipment that integrates drilling, rod installation, net hanging, grouting (optional) and other functions. It is suitable for bolting operations in medium-sized tunnels and tunnels in underground mines with non-explosion-proof requirements such as various metal mines, non-metal mines, water conservancy and hydropower. The equipment has a reasonable structural design, easy maintenance, high operational efficiency, and good economy.



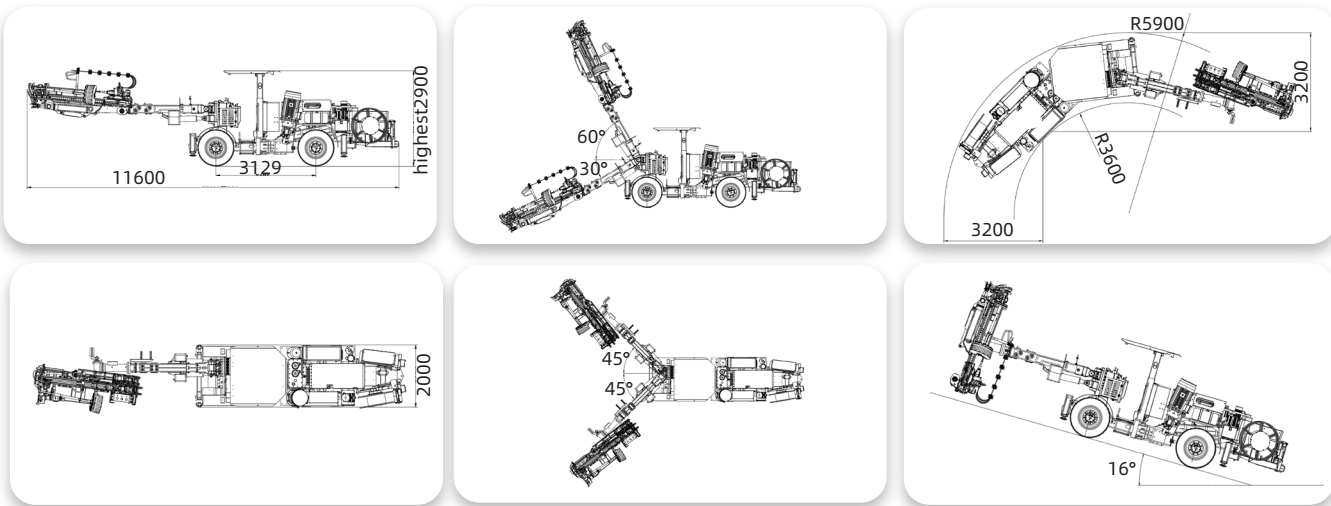
Main features:

- Multi-power system: diesel-electric dual power system, diesel power for driving, motor hydraulic drive for each actuator, diesel power can retract each actuator when power is off.
- Flexibility: The whole machine has a compact structure, multi-gear walking speed is adjustable, four-wheel drive, strong power in small and medium-sized tunnels with various complex working conditions, and flexible driving and turning.
- Environmental protection: Equipped with hydraulic drill, compared with pneumatic drill, it has lower noise and higher efficiency.
- High efficiency: Equipped with rod magazine, rods can be automatically replaced; equipped with automatic net hanging mechanism, it can realize mechanized automatic net grabbing, lifting and hanging, and improve the overall support efficiency.
- Multi-type rod compatibility: Mainly used in common seam pipe types, and other types of rods can be optionally equipped and customized, such as threaded steel (resin) rods, water-rising rods, mechanical rods, etc.
- Multi-type rock drill applicability: Standard configuration is imported and domestic well-known brands, and other brands of various types of rock drills can be selected according to requirements.
- Safety: Equipped with safety protection liftable roof, fire extinguishing device, emergency parking brake and other various safety warning systems, it ensures the safety of operation under the premise of achieving the function.
- Applicability of tunnel range: The propulsion beam rotates 360° and covers the tunnel face in all directions.
- Maintainability: Open cab, modular component design, reasonable space layout, easy to repair and maintain.
- Drilling positioning accuracy: Equipped with a stable support mechanism for the drill boom, the rock drill is switched in parallel to ensure the centering of the drilling center and the accuracy of drilling and rod installation.
- Interchangeability: It has strong universality and interchangeability with the spare parts (hydraulic parts, hoses, joints, lubrication, etc.) of imported well-known brands of rock drills.

Technical parameters:

Item	Parameter
Overall performance	Transport dimensions(L×W×H)
	11600×2000×2200 (Highest 2900) mm
	Machine weight
	15000kg
	Anchor type
	Pipe seam type (other types optional)
Driving system	Anchor length
	1500~2500mm
	Anchor stock
	10 pieces
	Drilling diameter
	32~51mm
	Drive type
	Torque converter + reduction box
Rock drill	Braking system
	Driving: Closed wet multi-circuit hydraulic brake
	Ground clearance
	300mm
	Min. Turning radius
	Inner: 3600mm; Outer: 5900mm
	Max. Climbing ability
	16°
Impact hammer	Rear axle swing angle
	±6~±8°
	Max. Driving speed
	20km/h
Drill arm system	Tires
	Solid tires for mining
	Impact power
	8kW
Power system	Impact energy
	250J
	Drill arm telescopic length
	1.25m
Power system	Propulsion compensation stroke
	1m
	Propulsion beam flip angle
	360°
	Power mode
	Diesel-electric dual power: diesel power for walking, electric power for operation
Power system	Diesel engine rated power and speed
	Cummins 96kW/2500rpm, Yuchai 88kW/2200rpm
	Main motor rated power
	55kW
Power system	Main motor rated voltage
	380V(Customizable 660V/1000V/1140V)
Power system	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