

CYTM41/2(H)

Mining hydraulic bolting rig

Product introduction:

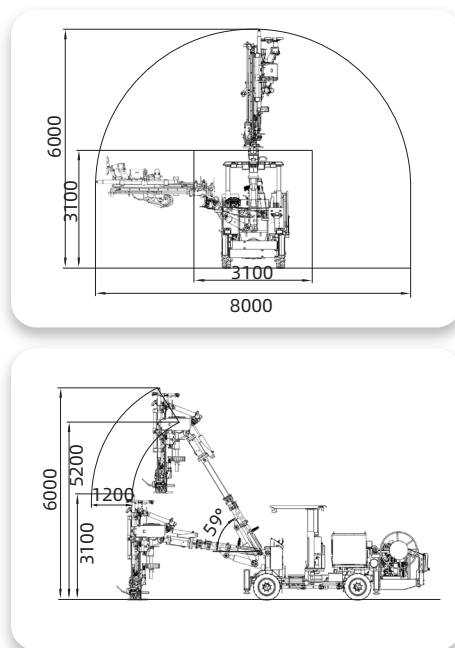
- CYTM41/2 (H) is a fully mechanized rock bolting vehicle that integrates drilling,rod installation, net hanging, grouting (optional) and other functions. The compact model adopts a narrow chassis and is suitable for anchor support operations in small and medium-sized tunnels and tunnels in underground mines such as metal mines, non-metal mines, water conservancy and hydropower, etc. that do not require explosion-proof.



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 the characteristics of low noise and high efficiency.
- High efficiency: Equipped with rod magazine, rods can be automatically replaced; equipped with automatic net hanging mechanism, which can realize mechanized automatic net grabbing, lifting and hanging, and improve the overall support efficiency.
- Safety: Equipped with safety protection lifting roof, fire extinguisher, emergency parking brake and other various safety warning systems, to ensure the safety of operation under the premise of realizing the function.
- Applicability of tunnel range: The propulsion beam rotates 360 degrees, covering the tunnel face in all directions.
- Maintainability: Open cab, modular component design, reasonable space layout, easy to repair and maintain.
- Interchangeability: It has strong universality and interchangeability with the spare parts (hydraulic parts, hoses, joints, lubrication, etc.) of imported well-known brands of rock drilling equipment.
- Drilling positioning accuracy: Equipped with a stable support mechanism for the drill arm, the rock drill is rotated and switched to ensure the centering of the drilling center and the accuracy of drilling and rod installation.
- Rock drill propulsion form: Cylinder with wire rope propulsion form.

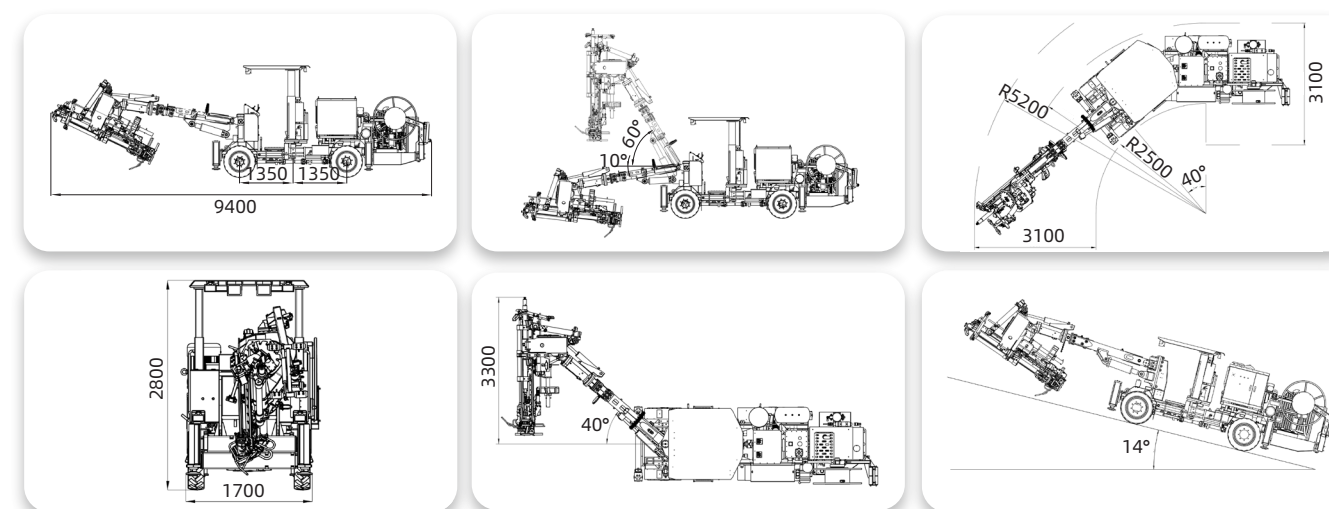
Working Scope:



Technical parameters:

	Item	Parameter
Overall performance	Transport dimensions(L×W×H)	9400×1700×2200 (Highest 2800) mm
	Machine weight	11500kg
	Anchor type	Pipe seam type (other types optional)
	Anchor length	1500~2500mm
	Anchor stock	10 pipe seams (12 resins)
	Drilling diameter	32~51mm
Driving system	Drive type	Hydrostatic
	Braking system	Driving: Closed wet multi-circuit hydraulic brake Parking: Spring mechanical brake
	Ground clearance	260mm
	Min. Turning radius	Inner: 2500mm; Outer: 5200mm
	Max. Climbing ability	14°
	Max. Driving speed	10km/h
	Tires	Solid tires for mining
Rock drill	Impact power	8kW
Impact hammer	Impact energy	250J
Drill arm system	Propulsion type	Cylinder with wire rope
	Propulsion stroke	1200mm
	Propulsion compensation stroke	480mm
	Propulsion beam flip angle	360°
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	45kW
	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