

CYTC41

Mining hydraulic drilling rig

Product introduction:

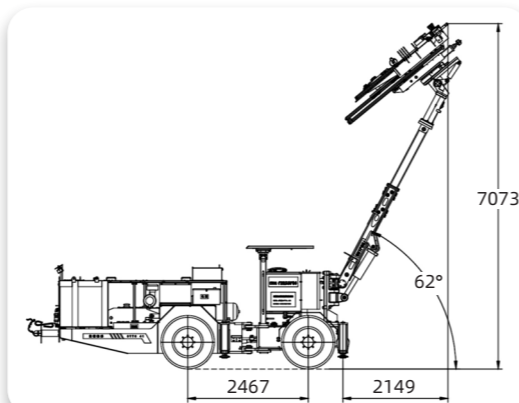
- CYTC41 is a fully mechanized drilling and blasting jumbo that integrates drilling, explosive installation and other functions. It is suitable for secondary crushing operations in dangerous tunnels and mining areas where personnel are strictly prohibited from entering in underground mines such as metal mines, non-metal mines, water conservancy and hydropower, etc., which do not require explosion-proof requirements, so as to achieve the recovery of residual ore, and at the same time, it can also achieve bench crest dredging and crushing of large pieces of ore. The rock drill uses a hydraulic rock drill, which has higher drilling efficiency. Equipped with remote wireless video remote control, it has a high degree of automation. It is easy to operate, accurate and reliable, with a wide coverage of equipment, high operating efficiency and good economy.



Main features:

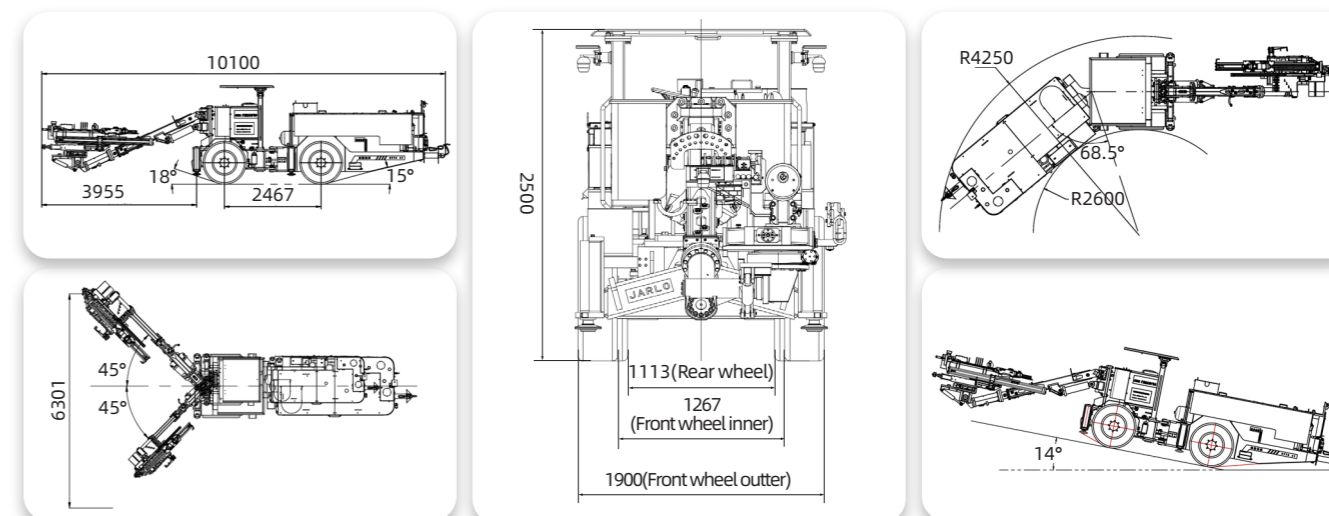
- Multi-function: integrates drilling, placing explosives, and leading blasting lines.
- Flexibility: modular design, compact and reasonable layout, articulated steering, flexible walking and turning.
- Powerful power: adopts all-diesel power, closed hydrostatic drive engineering chassis, and four-wheel drive.
- Safety: hydraulic wet dual braking system, driving oil brake, parking closed spring brake, can enter the tunnel or mining area where personnel are strictly prohibited.
- High degree of automation: remote wireless video remote control, drilling and placing explosives are realized through remote control.
- High efficiency: equipped with prefabricated PVC pipe blasting coil magazine, a single entry can complete the installation of 1 blasting coil, and the internal blasting effect far exceeds the currently commonly used surface blasting effect.

Schematic diagram:



Technical parameters:

Item	Parameter
Overall performance	Transport dimensions(L×W×H)
	10100×1900×2500mm
	Machine weight
	13000kg
	Operating range(W×H)
	7750×6900mm
Driving system	Drilling diameter
	41mm
	Drilling depth
	1000mm
	Remote control system
	3 cameras + radar + remote controller (50m straight line)
	Drive type
Rock drill	Hydrostatic
	Ground clearance
	280mm
	Min. Turning radius
	Inner: 2600mm; Outer: 4250mm
	Max. Climbing ability
	14°
Drill arm mechanism	Rear axle swing angle
	7°
	Max. Driving speed
Power system	12.6km/h
	Tires
	Solid tires for mining
Water supply device	Impact power
	8kW
Air supply device	Telescopic length
	1200mm
Explosive roll push mechanism	Power mode
	Diesel engine drives travel and operation
	Diesel engine rated power and speed
	Yuchai 88kW/2200rpm
	Water tank capacity
	800L
	Displacement
	0.2m³/min
	Diameter of explosive roll (test simulation)
	32mm
	Max. Propulsion stroke
	1000mm



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