

# CYTC70

## Mining hydraulic drilling rig

### Product introduction:

- CYTC70 is a fully hydraulic medium-deep hole rock drilling mining equipment, suitable for mining operations in small and medium-sized tunnels in non-coal mines. The whole machine is equipped with an electro-hydraulic positioning system and an intelligent anti-stuck drill system, with accurate positioning and high drilling accuracy, and can drill blasting holes of 51~89mm. It is convenient and fast to position, highly flexible, and has a wide coverage range, and can achieve fan-shaped drilling.



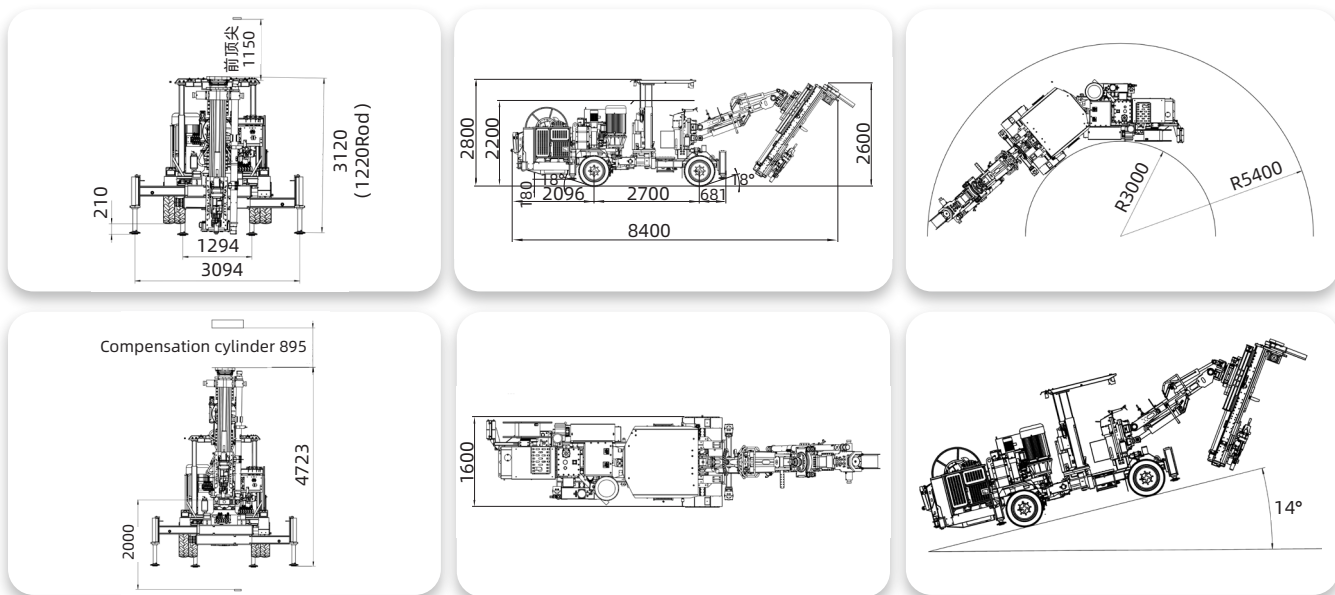
### Main features:

- Multi-power system: diesel-electric dual power system, diesel power for walking, motor hydraulic drive for each actuator to work, diesel power can retract each actuator when power is off.
- Flexibility: The whole machine has a compact structure, multi-gear driving speed is adjustable, four-wheel drive, strong power in small and medium-sized tunnels with various complex working conditions, flexible walking and turning; articulated engineering chassis, detachable, suitable for narrow tunnels, mine tunnels and mines without ramps and other working environments.
- Safety: Equipped with safety protection lifting roof, fire extinguishing device, double-bridge wet brake and other various safety warning systems, it ensures the safety of operation under the premise of realizing the function; standard remote control console ensures sufficient safe working distance, easy operation, good vision, and convenient observation of various working conditions such as opening, drilling and connecting drill rods.
- Interchangeability: It can be used with well-known domestic and foreign brands of rock drills, and has strong universality and interchangeability with the spare parts (hydraulic parts, hoses, joints, lubrication, etc.) of imported well-known brands of rock drills.
- Accuracy: Equipped with a stable support mechanism for the drill arm, it is easy and fast to position, accurate and reliable, highly flexible, and can achieve fan-shaped drilling.
- Open cab, modular component design, reasonable space layout, easy to repair and maintain.
- Standard remote control console ensures that the operator has enough safe working distance, convenient operation and good vision, and is easy to observe various working conditions such as opening holes, drilling holes, and connecting drill rods.

### Technical parameters:

Item	Parameter
Overall performance	Transport dimensions(L×W×H)
	8400×1600×2200 (Max. 2800) mm
	Machine weight
	12000kg
	Number of drill booms
	1 set
	Operating range(W×H) with 800mm drill rod
Driving system	(Min. 2800×2800) / (Max. 6000×4700) mm
	Drilling diameter
	51~89mm
	Drill rod length
	800mm
	Drilling depth
	43m
Rock drill	Drive type
	Hydrostatic
	Braking system
	Driving: Closed wet multi-circuit hydraulic brake Parking: Spring mechanical brake
	Ground clearance
	190mm
	Min. Turning radius
Propeller	Inner: 3000mm; Outer: 5400mm
	Max. Climbing ability
	14°
	Rear axle swing angle
	±6~±8°
	Max. Driving speed
	11km/h
Power system	Tires
	Solid tires for mining
	Impact power
	20kW
	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
	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