

Main features

- Yuchai turbocharged engine, YC6A260-T301
Meet the national Stage-III standard
- The Doublel-stage air compressor
- Hydraulic motor chain propulsion
- Doublel-stage dry dust removal



① Reliable air source

The main engine of the two-stage compressed air compressor continuously provides compressed air, with low shaft power and low energy consumption;

② Stable power

Adopt Yuchai turbocharged engine to provide stable power, lenergy saving and environmental protection,

③ Easy to maintain

The gull-wing side door provides ample space for maintenance and repair, and the maintenance and adjustment points of the engine, compressor, and hydraulic system are all easy to reach.

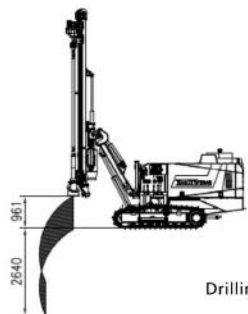
⑤ Easy to transition

Single-tooth track, excellent grip performance, good walking performance in rain, snow and scum environment.

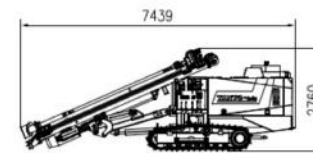
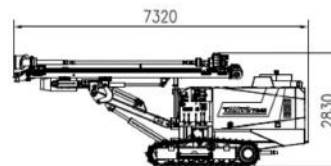
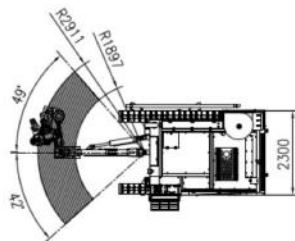
④ Efficient dust removal

High-efficiency dust collector reduces dust pollution; simple compressor air control system reduces control system failures.

Main dimensions



Drilling Coverage



Transport Dimensions
Weight:9.2T

Main technical parameters

Engine	
Yuchai turbocharged engine, YC6A260-T301 Meet the national Stage-III standard	
Rated power	194kW 1800rpm
Double-stage air compressor	
Maximum air compressure	17bar
F.A.D	14.5m ³ /min
Hydraulic system	
Maximum ambient temperature	50°C
Return oil filtration accuracy	10µm (absolute value)
Oil suction filtration accuracy	100µm (absolute value)
Dust collection device model -RDC120	
Filter area	15m ²
Number of filter elements	12pcs
Maximum clean air pressure	7.0bar
Self-cleaning air consumption	2-4L/pulse
Diameter of suction pipe	127mm
Advance	
Advance compensation	1000mm
Maximum propulsive speed	0.53m/s
Maximum propulsion	16kN
Maximum lifting force	20kN
Total propulsion length	5850mm
Propulsion stroke	3860mm
Oil capacity	
Hydraulic tank	240L
Total hydraulic system capacity	320L
Air compressor oil	45L
engine lubricant	22L
Coolant	45L
Fuel tank	400L
Traveling motor gear box	1.5L
Electrical System	
Voltage	24V
battery	2*12v,150Ah
Alternator	28V,55A
Work light , front	2*48W
Work light , tail	1*48W
speaker	1*24V
Working angel	
Carriage swing	L 35°/R 53° , L 4°/R 92°
Carriage pitching	180°
Drilling arm swing	L42°/R 49°
Drilling arm pitching	Up 50°/Down 25°
Body floating	±10°

Note: If the content is different from the actual product, please refer to the actual product. The product is subject to change without prior notice.

Company profile



Xuanhua Taiye drilling machinery CO; LTD. was founded in 1995, mainly engaged in the designing, manufacturing and serving of all kinds of rock drilling equipments, such as full hydraulic surface DTH drill rig, full hydraulic surface top-hammer drill rigs, split hydraulic DTH drill rig, split top-hammer hydraulic drill rig and so on. The company has gathered excellent expert design teams in China and abroad. The key components from famous manufacturers abroad. With deep technical strength, advanced manufacturing progress, professional, comprehensive and timely service, it strives to become one of the benchmarking enterprises in drilling industry.

Taiye is one of the earliest enterprises to apply DTH drilling rigs in China, which has become a service provider of all-round drilling solutions. Our directional solution service chain includes: drilling equipment matching, on-site technical service, drilling and blasting engineering construction, mechanical equipment leasing, drilling equipment upgrading, drilling technical scheme consultation. We provide customers with marketing analysis, purchasing proposals, products delivery, training, after-sales tracking and comprehensive service process.

Taiye has put forward a development strategy for the next 5 to 10 years, which takes full development of domestic and international joint venture cooperation and application of high-tech as means to occupy a place in the drill industry. Today, Our equipments have spread all over the world, while products are exported to Iran, Ethiopia, Zambia, Sudan, South Africa, Myanmar, Indonesia, the Philippines and other countries. We also have long-term and stable cooperation with China Railway Group, China Hydropower Group, China Weapons Group, China Sinoma Group and China Poly Group. Taiye is also an excellent agent of

Core Business

- Manufacturing and sales of split down-the-hole drilling rigs
- Manufacturing and sales of integrated down-the-hole drilling rigs
- Manufacture and sales of split hydraulic top hammer drilling rigs
- Manufacturing and sales of integrated hydraulic top hammer drilling rigs
- Parts and related drilling tools of the above products

Full solution

Regular maintenance and timely after-sales service are important guarantees for the normal operation of the equipment. TAIYE's comprehensive service plan allows the equipment to provide the maximum productivity during the life cycle and ensure the continuous stability of production. TAIYE's professional maintenance team, as well as original parts and drilling tools, greatly ensure the reliability of the equipment. No matter where you are, we serve you anytime, anywhere.



Committed to providing users with more reliable, efficient and environmentally friendly rock drilling solutions.



Stable power ■ Reliable air source ■ Easy to transition ■ Easy to maintain ■ Efficient dust removal

TAIYE-660-DTH

Integrated surface DTH drilling rig

Rod size:60-76mm

Rod length:3000mm

Hole range : 90-140mm

Maximum hole depth:30m

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 **TAIYE DRILL**