

TAIYE-D8/D6-DTH

Technical Parameters

TAIYE-D8/D6-DTH

Integrated surface large-aperture DTH drilling rig
Suitable for quarries, metal mines, and open-pit mines
Hole range: 152-255mm

Main parameter	Unit	TAIYE-D8-DTH	TAIYE-D6-DTH
Working Parameter			
Rod length	m	8.9 / 9	8
Rod size	mm	133	114
Hole range	mm	178-255	152-178
Max hole depth	m	18	24
Hammer		7" / 8"	5" / 6"
Dust removal device		36 filters dry (standard) wet(optional)	30 filters dry (standard) wet(optional)
Air compressor			
Brand		Sullair	Liutech /Sullivan
Pressure	Mpa	2.4	2.1
Displacement	m ³ /s	31.2	25.5
Power	Kw/rpm	354/1850	295/2000
Power system			
Engine brand		Cummins	YUCHAI
Power/Rotary speed	Kw/rpm	132/2200	118 / 2200
Propulsion system			
Carriage length	mm	13500	12000
Feed stroke	mm	9900	8800
Lifting speed	m/s	0.8	0.7
Max propulsion force	KN	120	40
Traveling system			
Traveling speed	Km/h	0-3.5	0-2.5
Maximum traction	KN	140	125
Gradeability	°	25°	25°
Rotary power head			
Rotary speed	rpm	100	0-80
Rotary torque	Nm	5750	5750
Dimension			
Weight	T	30	23
Transport dimension	M (L×W×H)	13.9X2.95X3.5	12.5X3.1X3.85
Working dimension	M (L×W×H)	8.45X4.15X13.9	8.45X3.85X12.5



Xuanhua Taiye Drilling Machinery Co., Ltd.

Add: No. 146 Zhonglou Road, Xuanhua, Zhangjiakou,
Hebei Province, P.R.China

Post code: 075100

Tel: +86-0313-3865999 3887999

Fax: +86-0313-3865989

<http://www.taiyedrilling.com>

E-mail: sales@taiyedrill.com



泰业钻机



TAIYE DRILL

D8/D6

DTH

TAIYE-D8/D6 Surface DTH drilling rig

TAIYE-D8/D6 surface DTH drilling rig is an efficient, integrated hydraulic drilling rig, suitable for open-pit mines with various hardness rocks, and large-aperture blasting operations. Diesel-powered or diesel-electric hybrid power is suitable for different mines. According to the characteristics of the rock, the drilling rig provides suitable rotation speed and propulsion to ensure the drilling efficiency; according to the mine design aperture and depth requirements, accurately match the engine and compressor; realize the highest impact frequency of the down-the-hole hammer, and achieves the ideal drilling economy. It can design high-speed, large axial pressure cutting and drilling methods to meet the drilling requirements of soft rock formations, and match the compressors with medium and low wind pressures to achieve faster and more economical drilling. It has a high drill frame structure suitable for large-scale mining, and four-point hydraulic telescopic legs make it have excellent ground adaptability.

● Drilling system

The unique long drill rod and high drill frame structure minimizes auxiliary work time and greatly improves work efficiency. According to different heights, the drill rod length can be selected from 6 to 9m. When the height is less than 9m, the effect of using a single drill tool is particularly significant.

● Automatic rod changerDrilling system

The robotic arm automatically change drill rods, and one operator can complete the work, reducing the difficulty of operation. Saving labor, high efficiency, reliability.

● Cab

The cab is equipped with electronic control buttons and hydraulic handles, with intensive design and reasonable layout. It provide a safe operating environment for operators, with good drilling vision.



● Dust removal system

The two-stage dry dust removal system (optional high-pressure water dust removal system) effectively reduces dust and maintains a clean working environment. The pulse controller can accurately control the blowing time of the filter element, and the built-in high-quality filter material improves the dust collection ability.



● Two-stage screw compressor

The drilling rig can be equipped with a variety of international brand two-stage screw compressors to ensure a higher impact frequency and a good slag discharge effect.



● Supporting supplier

After years of experience in use, we have reached strategic partnership agreements with some well-known brands to provide service guarantees for drilling rigs.

