

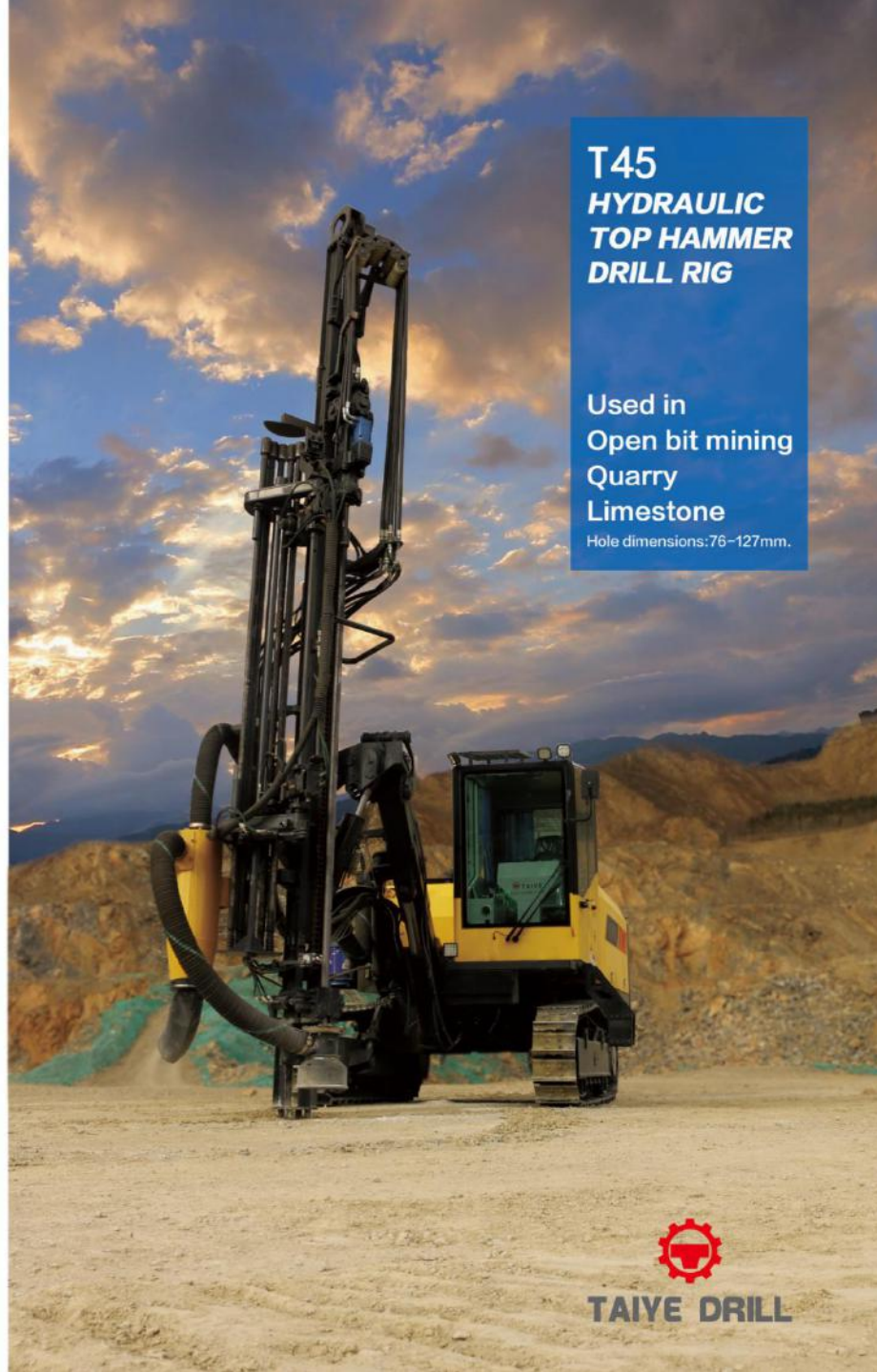
Drill Bit & Rod	Hole sizes	76 mm-127 mm
	Drill rods	T45 / T51
Transport Dimensions	Length	9200 mm
	Width	2350 mm
	Height	3100 mm
	Weight	12500 Kg
Moving System	Track width	330 mm
	Max slope angle	30°/12°
	Speeds	4.3/2.8K m/h
	Ground Clearance	420 mm
	Track Oscillation	±10°
Dust Collector	Motor speed	3300 rpm
	Filter area	15 m <sup>2</sup>
Compressor	Manufacturer	Sullivan SP12
	Volume	10.5 m <sup>3</sup> /min
	Pressure	10.5 bar

Engine	Model	QSC8.3-260III
	Power	194 (2200rpm) Kw
	Fuel tank	400 L
Feed	Feed length	4420 mm
	Feed force	16 KN
	Lifting force	21 KN
Rock Drill	Rock drill	YH-100
	Output Power	20.6 Kw
	Frequency	2500 Epm
	Turning speed	0-150 rpm
Coverage Area	Boom up/down	55° up/30° down
	Boom right/left	60° right/10° left
	Feed right/left	50° right/40° left



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Note: Taiye Drilling Rig reserves the right of final interpretation from the construction site of its products. ©2018



**T45  
 HYDRAULIC  
 TOP HAMMER  
 DRILL RIG**

Used in  
 Open bit mining  
 Quarry  
 Limestone

Hole dimensions: 76-127mm.



**TAIYE DRILL**

# TAIYE-T45

Xuanhua Taiye Drilling Machinery Co., Ltd.

Professionally specializes in the design, manufacture and service of wide various rock drill rig including split hydraulic drilling, hydraulic top hammer, full hydraulic open-pit and full hydraulic top hammer drilling rig. We has gathered excellent domestic and international expert design teams. The key components are from famous aboard manufacturers. With strong technical strength and advanced production technology, as well as professional, comprehensive and timely services, we are committed to providing more reliable, more efficient and environmentally rock drilling equipment to all users.



### ● Changing Drilling Rods

Hydraulic changer system uses a cylinder to control the mechanical arm movement and changing rods system. It is simple, reliable, and easy to adjust.



### ● Cabin

The forward-tilt cab is equipped with air-conditioning, spacious space and adjustable position seat, comfortable space. The noise in cab is less than 85db.



### ● Control System

The unique rock drilling control system can automatically adjust the propulsion speed, feed pressure, rotary torque, impact pressure according to the rock condition to get the best working condition and eliminate abnormal accidents, stuck drill, thread wear. The components are from famous brands to ensure the reliability and durability of the whole machine.

### ● More

The gull-wing side and rear doors are convenient for daily maintenance and repair of the engine, hydraulic system and compressed air system.

The travel motor is equipped with clutch, easily to drag under the special situation. The engine's filters are installed in the same direction for easy maintenance.

Track width with 330 mm for better stability, stronger traction.

Two stage dust collector, with cyclone first stage and paper filter element as second, eliminates dust to environmental pollution, protect the operator's safety.

The Guide shell is at 30° for better operator visibility.

LED external working lights, three forward one back, always keep light during the night drilling operation. Drifter hoses are separated on a hose reel, hose lengths are minimized through the use of bulkheads to reduce the cost of replacement.

### ● Hydraulic Rock Drill

YAMAMOTO YH-100 is the core component of the drilling machine, which can directly affects the reliability and service life of the whole machine. YH-100 is top reliable and durable from the YAMAMOTO in Japan, which has supplied a series of hydraulic rock drills to world's OEM since 1979. The impact power is 20.6KW, impact frequency up to 2500bpm, it is in the best situation of drilling operations with a borehole 89-115mm.

### ● Air Compressor

US Sullivan-Palatek, a world-renowned manufacturer of rotary screw air compressor at world market for high-efficiency, reliability, long service life. The volume is 10.5 m³/min at working pressure 10.5 bar. It can provide sufficient washing volume and smooth discharge of rock debris even under complicated geological conditions.

### ● Dust Remove

The dust removal system has a filter area of 15m² to abate the impact of dust on environment greatly.

