

Hole Ranges

92 – 185 mm

Engine Power

75 kW

Rotation Torque

3,680 N·m

Drill Type

Down-the-hole

Applications

Mining and quarrying

DH47A-H
DTH DRILL RIG



TOUGH WORLD. TOUGH EQUIPMENT.

DESIGNED TO MAKE TOUGH WORK EASY ON THE OPERATOR

1 FLOATING PIPE AND HOSE

Special designed floating pipe and hose reel protects the hydraulics and air pipes and hoses, achieving a stable output of hydraulic energy and a longer service life of the oil lines.

2 DUST COLLECTOR SYSTEM

Standard two-stage (cyclone and laminar flow) dust collector system with large filtration area provides outstanding performance and effectively protect the environment and the health of operators.

3 TRAMMING SYSTEM

Compact undercarriage with heavy-duty speed reduction mechanism possesses good cross terrain capability.

Track oscillation function gives both tracks maximum ground grasping. ± 13 degree track oscillation makes machine more stable when climbing up and down slopes.

4 FEED BEAM AND BOOM

Heavy duty box design feed beam, arm, bracket and boom resists and absorbs sudden force impact.

30 degree incline angle of beam facilitates your operator to observe drill hole and improves the work accuracy.

5 CONTROL SYSTEM

The unique control system offers the following advantage for the operator: auto adjustment of working parameters, e.g. feed rate and pressure, rotation torque and impact pressure to ensure the drill always working at its best condition, and reduce the failures such as jamming.

6 MAINTENANCE

An emergency towing system is achieved by the travel motor with built-in clutch.

Utilization of high precision filter elements ensures the cleanliness of hydraulics and extends service life time of the hydraulic components.

Engine filters are installed on the same side for easy maintenance.



RECOMMENDED AIR COMPRESSOR

MODEL CSH185A-20MD

AIR PRESSURE 2 MPa

VOLUME FLOW 18 m³/min



SPECIFICATIONS

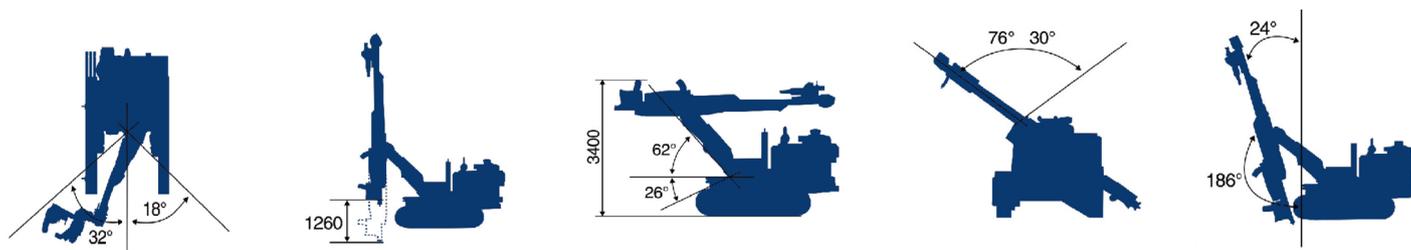
FUNCTIONAL SPEC	DH47A-H
Hole ranges	92-185 mm
Drill pipe length	3,000 mm
Drill pipe diameter	64/76/89 mm
Hammer size	3", 4", 5" and 6"
Rotation speed	70 rpm
Rotation torque	3,680 N·m

FUNCTION OF BOOM	
Travel length	3,750 mm
Feed extension	1,260 mm
Feed rate, max.	0.59 M/s
Feed lift capacity, max.	12 kN
Pull out capacity, max.	30 kN
Length of feed beam	6,300 mm

UNDERCARRIAGE	
Tramming speed	3.0 km/h
Track oscillation	±13°
Ground Clearance	320 mm
Max. gradeability	32°

DIESEL ENGINE	
Rated power	75 kW
Manufacturer	Weichai

TRANSPORT DATA	
Length	6,500 mm
Width	2,310 mm
Height	2,450 mm
Weight	6,800 kg



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