

desco drill rig

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SP9500

Deep & Large Hole Drilling



SP9500 (Deep & large hole drilling)

As one of the most power drills upto 1000M ~ 2500 depth for waterwell & geothermal, the SP9500 delivers super power in a compact package.

Compactable size enables drillers to easily operate & manage in working place

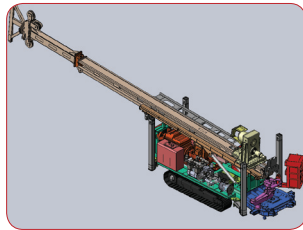
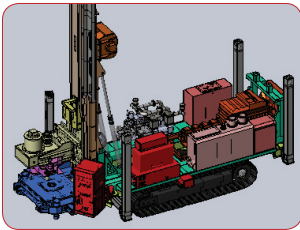
SP9500 features a pullback capacity of 60 ton ~ 100 ton and a torque can be increased

SP9500 can also include a advanced rod management system that ensures safe and efficient operation

A radio remote safely positions the driller away from the rig during traveling

- * SP9500 for deep hole drilling
- * Design for drilling up to 1000M ~ 2500M
- * Percussion drilling methods
- * Rotary drilling methods
- * Auger drilling methods
- * All instrument & control levers are concentrated..
- * Mounted full package on drill rig
- * Self-loading system
- * Easy to repair the machine by yourself due to full Hyd. system
- * Installed major hyd. Parts so easy to find spare parts in the market
- * Options - inverter, auto rod changer, pre-heating system, wireless remote control and so on

If you want the kind of drill rigs,
DESCO INC. is at your solution and service.



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TECHNICAL SPECIFICATION

Top head rotation

Rotation torque
Rotation speed
Rotation speed & torque can be controlled

Two speed motors

3000kg.M (low) / 1500kg.M (high)
0 ~ 60 rpm (low) / 0 ~ 120 (high)

Feed System

Feed system type
Feed hydraulic cylinder
Feed stroke
Pull-back force
Down force

Variable Speed Hydraulic Cylinder
250mm*150mm*5000mm
10.0M (Drill Pipe - Max. 9.0M)
80ton
25ton

Dimension & Weight

Net weight
Width
Length (mast folded / unfolded)
Height (mast folded / unfolded)

32ton
3.0M
14M
3.5M

Engine

Engine model
Engine power
Cooling system
Fuel tank
Electrical system

Hyundai D6CA
420HP@1800rpm
Water
400 Liters
24V DC

Hydraulic system

General
Pump model
System hyd. oil flow
Hydraulic tank
Operating pressure

Single variable displacement pump, pressure & flow controlled
K3V180*2 + 140*2 + 63*2 (6 pumps)
1140LPM
600 Liters
280 Bar

Working table & hyd. clamp

Max. diameter
Hyd clamp

24"
24"

Outrigger

Four hyd. Jacks & outriggers - Front jacks & outriggers (swing 45⁰)
Ground clearance
Width

800mm
3000mm

Crawler base

Doosan model (Steel)

Main hoist

Hoist type
Linepull capacity
Spool capacity

Variable speed planetary c/w brake
20ton
16mm * 40M

Mud pump

Hydraulic cylinder operated duplex piston pump
Capacity
Max. pressure

1000LPM
40 bar

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STANDARD / OPTIONAL

	STANDARD	OPTIONAL	OPTIONAL REQUEST
Drill head			
Drill head	DSDH-1000		
Drill head - sliding	0		
Feed system			
Mast slide (dump up and down)	0		
Bolted mast foot	0		
Control panel	0		
Hydraulic system			
Auxiliary hydraulic ports		0	
Hydraulic breakout table			
Max. diameter	max. 24"	over 24"	
Single clamp	0		
Double clamp		0	
Crawler base			
Steel track	0		
Steel track with rubber pad		0	
Main hoist			
Main winch	max. 20ton	over 20ton	
Sub winch		0	
Mud pump			
Capacity	1000LPM	1200LPM	
Water injection pump		0	
Inverter (5.5kw / 100V ~ 220V)		0	
DTH oil lubricator		0	
Auto rod changer		0	
Preheating system		0	
Wireless remote travel		0	
Safety cage		0	

Notice As your optional list, engine, hyd. system, crawler and so on can be changed and design of drill rigs can be changed.

Specifications are general and subject to change without notice. Due to selected options, delivered equipment may not necessarily match that shown.

