desco drill rig

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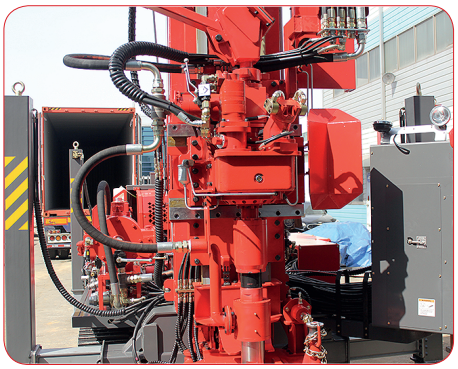


SP6500SA-RC

Multi-purpose Drilling Equipment

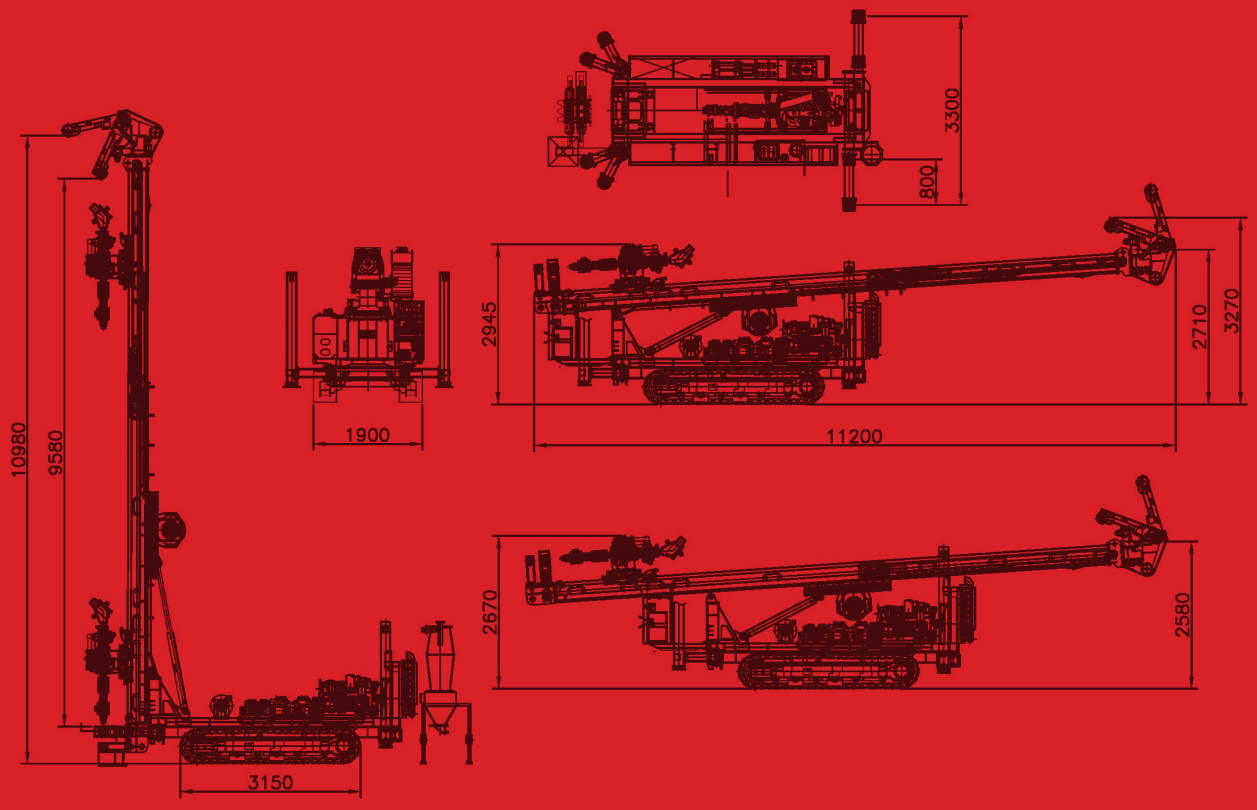




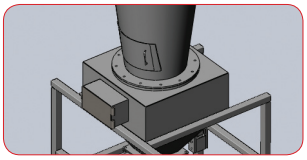
SP6500SA-RC (Most standard)

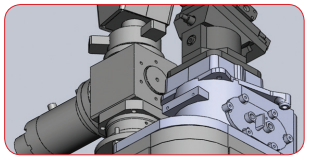
As one of the most standard drills upto RC 4" -350M, HQ-700M depth for exploration drilling (RC & Diamond),
SP6500SA-RC surface coring drill is an advanced addition to the SP-SA-RC series featuring a telescopic and dump mast
SP6500SA-RC is capable multi-purpose of both reverse circulation & diamond coring as well as DTH,
rotary drilling methods with pullback capacity of 16 ton and a torque can be increased
SP6500SA-RC can also include a advanced rod management system that ensures safe and efficient operation
The reverse circulation (RC) drilling method utilizes to collect rock samples quickly and efficiently
The high drilling speed and low cost of RC drilling makes it an ideal method for exploration project

* SP6500SA-RC for exploration RC & diamond drilling
* Design for drilling up to RC - 350M & HQ - 400M
* Multi-purpose (reverse circulation & diamond drilling methods)
* Wireline system
* Percussion & rotary drilling methods (Additional)
* Vertical, Angle Drilling (45 degree - 90 degree) capability
* Foot clamping system
* All instrument & control levers are concentrated.
* Mounted full package on drill rig
* Self-loading 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.





desco drill rig

TECHNICAL SPECIFICATION

Top head rotation	**Two speed motors**
Rotation torque	500kg.M (low) / 80kg.M (high)
Rotation speed	0 ~ 100 rpm (low) / 0 ~ 1200 (high)
Rotation speed & torque can be controlled	
Feed System	
Feed system type	Variable Speed Hydraulic Cylinder
Feed hydralic cylinder	120mm*90mm*3500mm
Feed stroke	7.0M (Drill Pipe - Max. 6.0M)
Pull-back force	16ton
Down force	8ton
Dimension & Weight	
Net weight	11.5ton
Width	2.2M
Length (mast folded / unfolded)	10.5M
Height (mast folded / unfolded)	2.6M
Engine	
Engine model	Hyundai D6BT
Engine power	175HP@1800rpm
Cooling system	Water
Fuel tank	300 Liters
Electrical system	24V DC
Hydraulic system	
General	Single variable displacement pump, pressure & flow controlled
Pump model	K3V112*2+28*2 (4 pumps)
System hyd. oil flow	390 LPM
Hydraulic tank	300 Liters
Operating pressure	280 Bar
Working table & hyd. clmap	
Foot clamping system	
Max. diameter	8"
Hyd clamp	8"
Outrigger (Self-loading system)	
Four hyd. Jacks & outtriggers - Front jacks & outtriggers (swing 45^0)	
Ground clearance	1430mm
Width	3000mm
Crawler base	**Doosan model (Steel)**
Main hoist	
Hoist type	VVariable speed planetary c/w brake
Linepull capacity	5 ton
Spool capacity	12mm * 30M
Wire line	Drum for 1000M * Dia 5mm (700kg)
Mud pump	
Hydraulic cylinder operated duplex piston pump	
Capacity	300 LPM
Max. pressure	40 bar
Cutting cyclone device	**Sample cyclone unit**
Discharge hose	ID 3" - 6M long flexible hose

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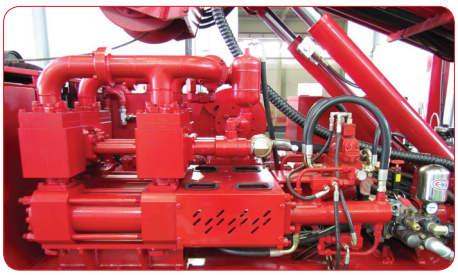

STANDARD / OPTIONAL

	STANDARD	OPTIONAL	OPTIONAL REQUEST
Drill head			
RC Drill head	DSDH-900FF		
Drill head - sliding	O		
Feed system			
Mast slide (dump up and down)	O		
Bolted mast foot	O		
Control panel	O		
Hydraulic system			
Auxiliary hydraulic ports		O	
Hydraulic breakout table			
Max. diameter	max. 8"	over 8"	
Single clamp		O	
Double clamp	O		
Crawler base			
Steel track	O		
Steel track with rubber pad		O	
Main hoist			
Main winch	max. 5ton	over 5ton	
Jib with winch		O	
Wireline	O		
Mud pump			
Capacity	300LPM		
Design for angle drilling	O		
Foot clamping system	O		
Cutting cyclone device	O		
Water injection pump		O	
Triplex mud pump		O	
Inverter (5.5kw / 100V ~ 220V)		O	
DTH oil lubricator		O	
Auto rod changer		O	
Preheating system		O	
Wireless remote travel		O	
Safety cage		O	

Notice As your optional list, engine, hyd. system, cralwer 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.

