



SPECIFICATION OF RIGS AND SUPPORTING EQUIPMENT

Rig Desco SP7000SA

TECHNICAL SPECIFICATION	
Top head rotation	two speed motors
Rotation torque	1000kg.M (low) / 500kg.M (high)
Rotation speed	0~60 rpm (low) / 0~120 (high)
Rotation speed & torque can be controlled	
Feed System	
Feed system type	Variable Speed Hydraulic Cylinder
Feed hydraulic cylinder	150mm*110mm*3750mm
Feed stroke	7.5M (Drill Pipe - Max. 6.0M)
Pull-back force	25ton
Down force	12ton
Dimension & Weight	
Net weight	9.5ton
Width	2.3M
Length (mast folded / unfolded)	9.0M
Height (mast folded / unfolded)	2.7M
Engine	
Engine model	Hyundai D6AZ
Engine power	250HP@1800rpm
Cooling system	Water
Fuel tank	280 Liters
Electrical system	24V DC
Hydraulic system	
General	Single variable displacement pump, pressure & flow controlled
Pump model	K3V140*2+45 (140cc*2+45cc)
Hydraulic tank	280 Liters
Operating pressure	280 Bar
Working table & hyd. clamp	
Max. diameter	18"
Hyd clamp	18"
Outrigger (SELF-LOADING system)	
Four hyd. jacks & outriggers - Front jacks & outriggers (swing 45°)	
Ground clearance	1430mm
Width	3000mm
Crawler base Main hoist	Doosan model (Steel)
Hoist type	Variable speed planetary c/w brake
Linepull capacity	10 ton
Spool capacity	14mm * 20M
Mud pump	
Hydraulic cylinder operated duplex piston pump	
Capacity	800LPM
Max. pressure	40bar

