



SANY

Quality Changes the World



SANY ROTARY DRILLING RIG SR150C

SR150C ROTARY DRILLING RIG

◆ Integrated parameters

Main performances	Unit	Parameters
Overall height	mm	18,432
Operating weight	t	46
Max. pile diameter	mm	1,500
Max. pile depth(friction Kelly/inter-locking Kelly)	m	56/44
Rotary Drive		
Max. output torque	kN.m	150
Speed of rotation	rpm	6.5 ~ 40
Crowd system		
Crowd force	kN	160
Line pull	kN	160
Stroke	mm	4,250
Main winch		
Line pull(1st layer)	kN	160
Rope diameter	mm	28
Max. line speed	m/min	70
Auxiliary winch		
Line pull(1st layer)	kN	60
Rope diameter	mm	14
Max. line speed	m/min	60
Mast inclination		
Forward	°	5
Lateral	°	±5

◆ Main parameters

Chassis model	SY230R
Chassis length	6,310mm
Extended width	4,000mm
Track shoe width	700mm
Swing radius (backside)	3,980mm
Transport width	3,000mm
Transport height	3,353mm
Base engine	ISUZU CC-6BG1TRP
Engine power	125kW@ 2100rpm
Fuel	Diesel oil (JIS Type 2)
Emission regulation	EU stage II/EPA Tier 2
No. of cylinder-bore x stroke	6-105 x 125
Engine displacement	6,494 L

◆ Configuration table

Mast verticality measuring function	●	Aux. winch protection function	●
Slew angle measuring function	●	Mast sideward limiters	●
Drilling depth real time measuring function	●	Display monitor	●
Main rope pull force measuring function	●	Slew siren	●
Oil pressure measuring function	●	Main winch lighting system	●
Engine diagnose system	●	Pile lighting system	●
PLC control module	●	Air-conditioner	●
Auto/manual mast verticality adjusting function	●	Radio	●
Main winch floating control	●		
Emergency stop switch	●	Fault self-diagnosis function	○
Auto idle model	●	Anemometer	○
All directional Gradienter	●	Caution light	○
Cab collision protection	●	Casing driver	○
Electrical protection system	●	Startup in low temperature	○
Main winch protection function	●	Outrigger cylinder	○

◆ Type of Kelly bar

Frictioning Kelly	Weight	Depth		Locking Kelly	Weight	Depth	
Φ377×5×12	5.7t	56m	●	Φ377×4×12	6.9t	44m	○
Φ377×5×11	5.3t	51m	○	Φ377×4×11	6.4t	40m	○
Φ377×4×11	5.5t	40m	○	Φ377×4×10	5.9t	36m	○
Φ377×4×10	5.1t	35m	○	Φ377×4×08	4.6t	29m	○
● Standard	○ Optional			Φ377×3×10	6.0t	28m	○



PT. KONSTRUKSI INDO MACHINERY

**Jln. Cakung Industri Selatan 1 No.16
Kawasan Industri Cakung Cilincing
Rorotan - Jakarta Utara
Indonesia 14140
Phone : +62 21 448 52832
Email : Info@kim.biz.id
Website : www.kim.biz.id**