

TYSIM PILING KR220C

FULL ELECTRIC CONTROL SERIES ROTARY DRILLING RIG

Max.torque 220kN.m

Max.diameter 1800/2000mm

Max.drilling depth 64/51m



■ Technical Specifications

Performance parameter	Unit	Numerical value	
Max. torque	kN.m	220	
Max. drilling diameter	mm	1800/2000	
Max. drilling depth	m	64/51	
Working speed	rpm	6~28	
Max. cylinder pressure	kN	210	
Max. hoist capacity	kN	220	
Main winch pull force	kN	230	
Main winch speed	m/min	60	
Auxiliary winch pull force	kN	90	
Auxiliary winch speed	m/min	60	
Max. cylinder stroke	mm	5000	
Mast side raking	°	±5	
Mast raking forward	°	5	
System pressure	Mpa	35	
Pilot pressure	Mpa	4	
Max. walking speed	Km/h	2.2	
Max. pull force	kN	430	
Complete machine			
Operating width	mm	4300	
Operating height	mm	21082	
Transport width	mm	3000	
Transport height	mm	3360	
Transport length	mm	15300	
Total weight	t	65	
Chassis			
Track width (minimum *maximum)	mm	3000~4300	
Width of track plate	mm	800	
Tail radius of rotation	mm	3780	
Engine			
Engine type		CAT C7.1	
Engine form		Six cylinder line, water cooled, turbocharged	
Cylinder number*cylinder diameter * stroke	mm	6×112×140	
Displacement	L	7.2	
Rated power	kw/rpm	195/2000	
Emission standard		EUⅢ	
Kelly bar			
Model		Friction	Interlocking
Outer diameter	mm	φ440	φ440
Layers * length of each section	m	5×14	4×14
Max.depth	m	64	51

