



## Specification FR60-A Rig

Item	US Units	Metric Units
<b>Kelly drilling function</b>		
Max. drill diameter	47in	1200mm
Max. drill depth	75ft	23m
Crowd force	23,700lbf	105kN
Pulling force	24,700lbf	110kN
Mast stroke	5.2ft	1600mm
Rotary head crowd stroke-cylinder	4.6ft	1400mm
Rotary head total stroke	9.8ft	3000mm
Min. working height	23.7ft	7227mm
Engine power	120hp	90kW
Mast forward inclination		$\geq 10^\circ$
Mast backward inclination		$\geq 10^\circ$
Mast left/right inclination		$\pm 5^\circ$
<b>Rotary head</b>		
Maximum output torque	44,200lbf.ft	60kN.m
Drilling speed		0-40rpm
Spin off		80rpm
<b>Winch</b>		
Main winch pulling force	17,900lbf	80KN
Aux. winch pulling force	7,870lbf	35KN
<b>Crowd system</b>		
Crowd force	23,700lbf	105KN
Lifting force	24,700lbf	110KN
<b>Transport parameter</b>		
Transport length	434in	11030mm
Transport width	98in	2490mm
Transport height	127in	3230mm
Transport weight	50,630lbs	23000kg



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