



## Specification FR35 Rig

Description		Parameters	
		US Units	Metric Units
Engine	Brand	CAT307	
	Power	49 hp	36.5KW
	Speed	2400 rpm	
Rotary head	Max. torque	25,800lbfáft	25,800lbfáft
	Speed	0-40rpm	
Max. drilling diameter		39 in	1000mm
Max. drilling depth		43 ft	13m
Crowd cylinder	Max. pressure	12,370 lbf	55kN
	Max. lifting force	13,490 lbf	60kN
	Stroke	39 in	1000mm
Main winch	Max. lifting force	11240 lbf	50kN
	Speed	165 ft/min 5	0m/min
	Rope diameter 0	.6 in	16mm
Auxiliary winch	Max. lifting force	4490 lbf	20kN
	Speed	165 ft/min	50m/min
	Rope diameter	0.5 in	12mm
Mast inclination	Sideward	±4i	
	Frontward	5i	
Kellybar	Diameter	16 in	410mm
	Interlocking bar	26*7 ft	8*2.1m
Operation weight		20940 lbs	9500kg
Dimension in working status,L*W*H		197*90*197 in	5000×2300×5000mm
Dimension in transportation status,L*W*H		197*907*118 in	5000×2300×3000mm



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