

FR60



FES China Limited

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Specification of FR60

Description		Unit	Metric Units
Engine	Model	Cummins QSF3.8	
	Rated power	115hp	86kW
	Rated rotary speed	2000rpm	
Rotary head	Maximum output torque	2000rpm	65KN.m
	Drilling speed	0-40rpm	
Maximum drilling diameter		40in	1000mm
Maximum drilling depth		69ft	21m
Crowd cylinder	Maximum pressure	17,960lbf	80KN
	Maximum lifting force	17,960lbf	80KN
	Maximum stroke and sledge	79in	2000mm
Main winch	Maximum lifting force	19,050lbf	85KN
	Maximum lifting speed	165ft/min	50m/min
	Rope diameter	0.8in	20mm
Auxiliary winch	Maximum lifting force	3,370lbf	15KN
	Maximum lifting speed	165ft/min	50m/min
	Rope diameter	0.4in	10mm
Mast inclination angle	Left& right/forward/backward	4°/4°/90°	
Kelly bar diameter		12in	299mm
Standard interlocking kelly bar		13*19.6ft	4*6m
Standard friction kelly bar		13*19.6ft	4*6m
Chassis	Maximum walking speed	1.9mph	3km/h
	Maximum rotating speed	5rpm	
	Chassis width	98in	2500mm
	Track shoe width	19in	500mm
Hydraulic system	Working pressure	4350psi	30Mpa
Working weight of the whole machine		46,300lbs	21000kg
Overall dimensions	Working state	218*98*440in	5550*2500*11200mm
	Transport state	374*98*136in	9500*2500*3470mm

