



FR45



FES China Limited

Address: A-1701, Wanda Plaza, Hangxing Rd, Hangzhou, 310015, P.R. China

North American Office: 1968 S Coast HWY STE 2866, Laguna Beach, CA 92651 USA

Email: info@ougangroup.com

Phone: +86-571-28027060

Specification of FR45 rig

Description		Parameters	
		US Units	Metric Units
Engine	Model	YANMAR 4TNV98T	
	Rated power	76hp	56.5kW
	Rated speed	2200rpm	
Rotary head	Maximum output torque	36,900lbf-ft	50KN.m
	Drilling speed	0-60rpm	
Max drilling diameter		40in	1000mm
Max drilling depth		59ft	18m
In CFA mode	Max. Drilling diameter	24in	600mm
	Max. drilling depth	33(23+10)ft	10(7+3)m
	Max. Pressure(Crowd winch)	6750lbf	30KN
Crowd cylinder	Maximum pressure	17,960lbf	80KN
	Maximum lifting force	13,490lbf	60KN
	Maximum crowd stroke	79in	2000mm
Main winch	Maximum lifting force	13,490lbf	60KN
	Maximum lifting speed	165ft/min	50m/min
	Rope diameter	0.6in	16mm
Auxiliary winch	Maximum lifting force	3,370lbf	15KN
	Maximum lifting speed	131ft/min	40m/min
	Rope diameter	0.4in	10mm
Mast inclination		4°/4°/87°	
Kelly bar		11in	273mm
Standard interlocking bar		13*15ft	4*4.5m
Chassis	Maximum walking speed	1.5 mph	2km/h
	Maximum slewing speed	4rpm	
	Chassis width	9in	2300mm
Track shoe width		18in	450mm
Hydraulic system	Working pressure	4350psi	30Mpa
Operating weight		30,860lbs	14000kg
Overall dimensions	Working state	180*90.5*338in	4560*2300*8590mm
	Transport state	323*90.5*118in	8200*2300*3000mm

