

Specification of FY45 rig

Main Parameter

Engine	Model	Unit	YANMAR 4TNV98T
	Rated power	kW	56.5
	Rated speed	rpm	2200
Rotary head	Maximum output torque	KN.m	50
	Drilling speed	rpm	0-60
Max drilling diameter		mm	1000
Max drilling depth		m	18
Crowd cylinder	Maximum pressure	KN	80
	Maximum lifting force	KN	60
	Maximum crowd stroke	mm	2000
Main winch	Maximum lifting force	KN	60
	Maximum lifting speed	m/min	50
	Rope diameter	mm	16
Auxiliary winch	Maximum lifting force	KN	15
	Maximum lifting speed	m/min	40
	Rope diameter	mm	10
Mast inclination		°	4°/4°/87°
Kelly bar		mm	273
Standard interlocking bar			4*4.5m
Chassis	Maximum walking speed	km/h	2
	Maximum slewing speed	rpm	4
	Chassis width	mm	2300
	Track shoe width	mm	450
Hydraulic system	Working pressure	Mpa	30
Operating weight		kg	14000
Overall dimensions	Working state	mm	4560*2300*8590
	Transport state	mm	8200*2300*3000

