

Main Specification -- DC SCR Rig

Specifications \ Rig Model		ZJ40/2250D	ZJ50/3150D	ZJ70/4500D
Nominal Drilling Depth	4-1/2" DP	4000 m 13,000 ft	5000 m 16,000 ft	7000 m 23,000 ft
	5" DP	3200 m 10,500 ft	4500 m 15,000 ft	6000 m 20,000 ft
General Specifications	Max. Static Hook Load kN (lbs)	2250 (500,000)	3150 (700,000)	4500 (1,000,000)
	Hook Speed m/s (in/s)	0-1.48 (0-58)	0-1.60 (0-63)	0-1.58 (0-62)
	Line Strung	10	12	12
	Drilling Line mm (in)	32 (1-1/4")	35 (1-3/8")	38 (1-1/2")
	Max. Fast Line Pull kN (lbs)	275 (61,822)	340 (76,435)	485 (109,000)
Drawworks	Model	JC40D	JC50D	JC70D
	Power Rating kW (HP)	746 (1000)	1118 (1500)	1492 (2000)
	Transmission	Three Shafts and Chain Driven (4 shifts)		
	Main Brake	Hydraulic Disc Brake		
	Auxiliary Brake	Eddy Current Brake / Eaton Disc Brake		
Crown Block		TC225	TC315	TC450
Traveling Block		YC225	YC315	YC450
Sheave Diameter mm (in)		1120 (44")	1270 (50")	1524 (60")
Hook		DG225	DG315	DG450
Swivel	Model	SL225	SL450	SL450
	Stem Dia. mm (in)	75 (3")	75 (3")	75 (3")
Rotary Table	Opening Dia. mm (in)	698.5 (27-1/2")	952.5 (37-1/2")	952.5 (37-1/2")
	Drive Mode	Independent Rotary or Drawworks Drive		
Mast	Height m (ft)	43 (141')	45 (147')	45 (147')
	Max. Static Load kN (lbs)	2250 (500,000)	3150 (700,000)	4500 (1,000,000)
Substructure	Type	Self-Elevating or Box-on-Box		
	Height m (ft)	7.5 (25')	9 / 7.5 (30' / 25')	10.5 / 9 (35' / 30')
	Clear Height m (ft)	6.26 (20')	7.62 / 6.26 (25' / 20')	9 / 7.62 (30' / 25')
Mud Pumps	Model x Number	F-1300 x 2	F-1600 x 3	F-1600 x 3
	Drive Mode	Electrical Motor Driven		

