

Truck-mounted Rig

This series truck-mounted rig is self-propelled rig, which is fit for 1000~4000 m (4 1/2" D.P) drilling depth of superficial oil, gas, and water well. The performance is reliable, operating and moving convenient, good adjustability. And the operation and moving expense are lower.

Technical features:

- Drawworks is single drum or double drum, the main drum brake is disc brake and equipped with roller or water cooled auxiliary disk brake to ensure brake safe and reliable.
- The rig has two pieces telescopic masts, using cylinder to rise and extends. The weight and size of the mast make sure that the walking vehicle cross well and better load ability and reliable when operating.
- The rig floor adopts swing-up or vertical rising structure, saving the mounting time, reducing the transportation.
- The ramp and catwalk is integral design for the requirement of drilling and convenient transportation.
- The truck satisfies the vehicle notice requirement. The driving is sight open, potable turning, quick brake, good adjustability, powerful crossing, and is fit for the driving demand of oilfield road, meanwhile satisfies the working requirements of drilling equipment long and heavy load.



Technical parameter

Drilling rig model		ZJ10/600	ZJ15/900	ZJ20/1350	ZJ30/1800	ZJ40/2250
Nominal drilling depth, m	127mm(5") drill pipe	500~800	700~1400	1100~1800	1500~2500	2000~3200
	114mm(4 1/2") drill pipe	500~1000	800~1500	1200~2000	1600~3000	2500~4000
Max. Load, kN (t)		600 (60)	900 (90)	1350 (135)	1800 (180)	2250 (225)
Draw-works	Type	single/double drum				
	Power, kW	110-200	257-330	330-500	550	735
	speed	5+1R				
	Brake type	Band brake/Disc Brake+ water brake or pneumatic disk brake				
Travelling System rope no.	Drilling rope	6	8			
	Max. Rope no.	8			10	
Drilling steel rope diameter, mm (in)		22 (7/8), 26 (1)	26 (1)	29 (1 1/8)	29 (1 1/8)	32 (1 1/4)
Rotary table opening diameter, mm(in)		445(17 1/2), 520(20 1/2)			520(20 1/2), 700(27 1/2)	
Drilling floor height, m		3, 4, 4.5	4, 4.5, 5	4, 5	5, 6	6, 7
Derrick Type		Hydraulic lifting				
Derrick Height, m		31, 33, 35		33, 35	36, 38	38, 39
Max. Transportation speed, km/h		45				
Base driving type		10×8		12×8	14×8	14×10
Remark: according to user requirements, the data in table allow to be changed and must be agreed by both side.						