



天津奇有机械有限公司

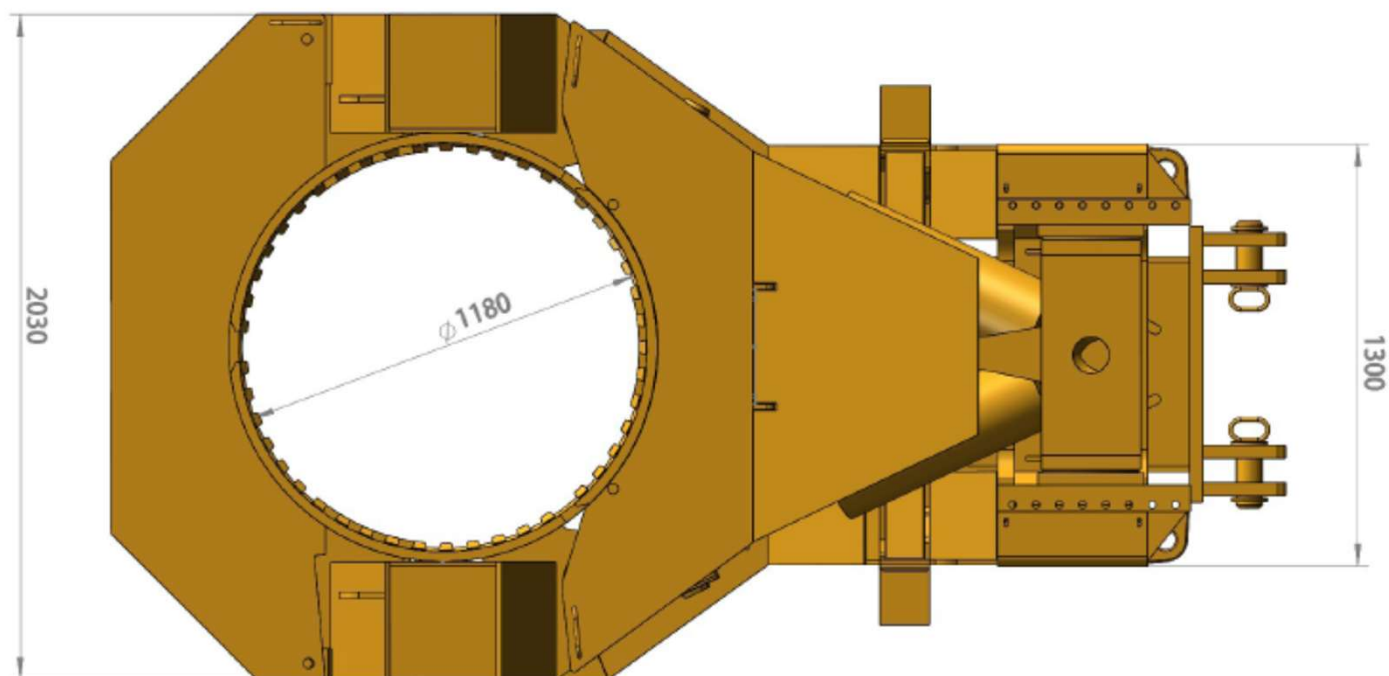
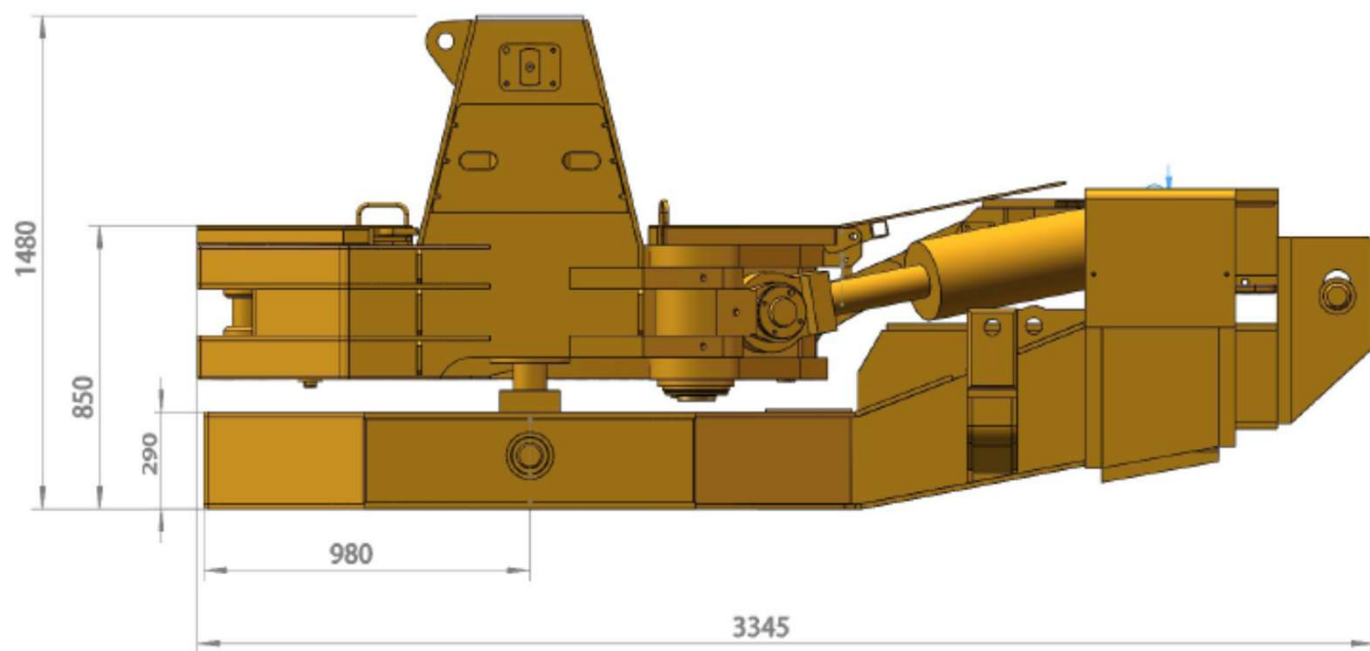
TIANJIN QI YOU MACHINERY

RCO 搓管机样本

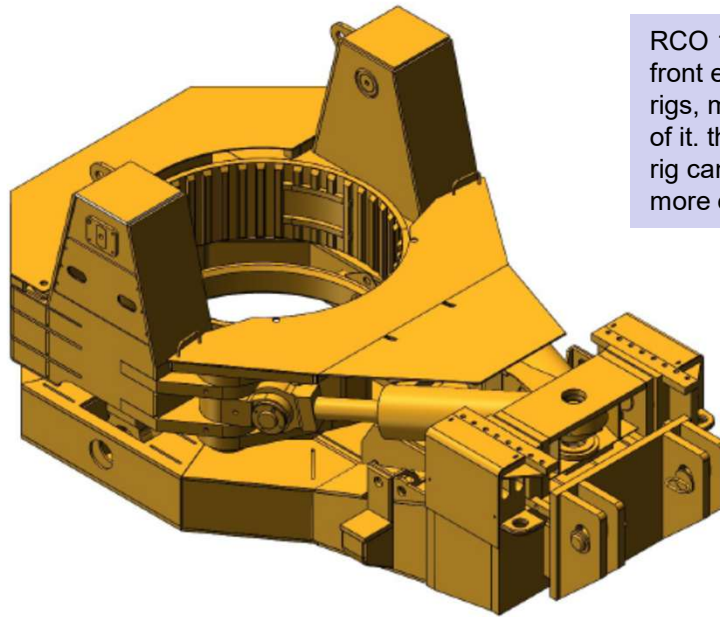
Casing oscillator catalog



摇管机 Casing Oscillator RCO 1180



摇管机 Casing Oscillator RCO 1180 (1200)

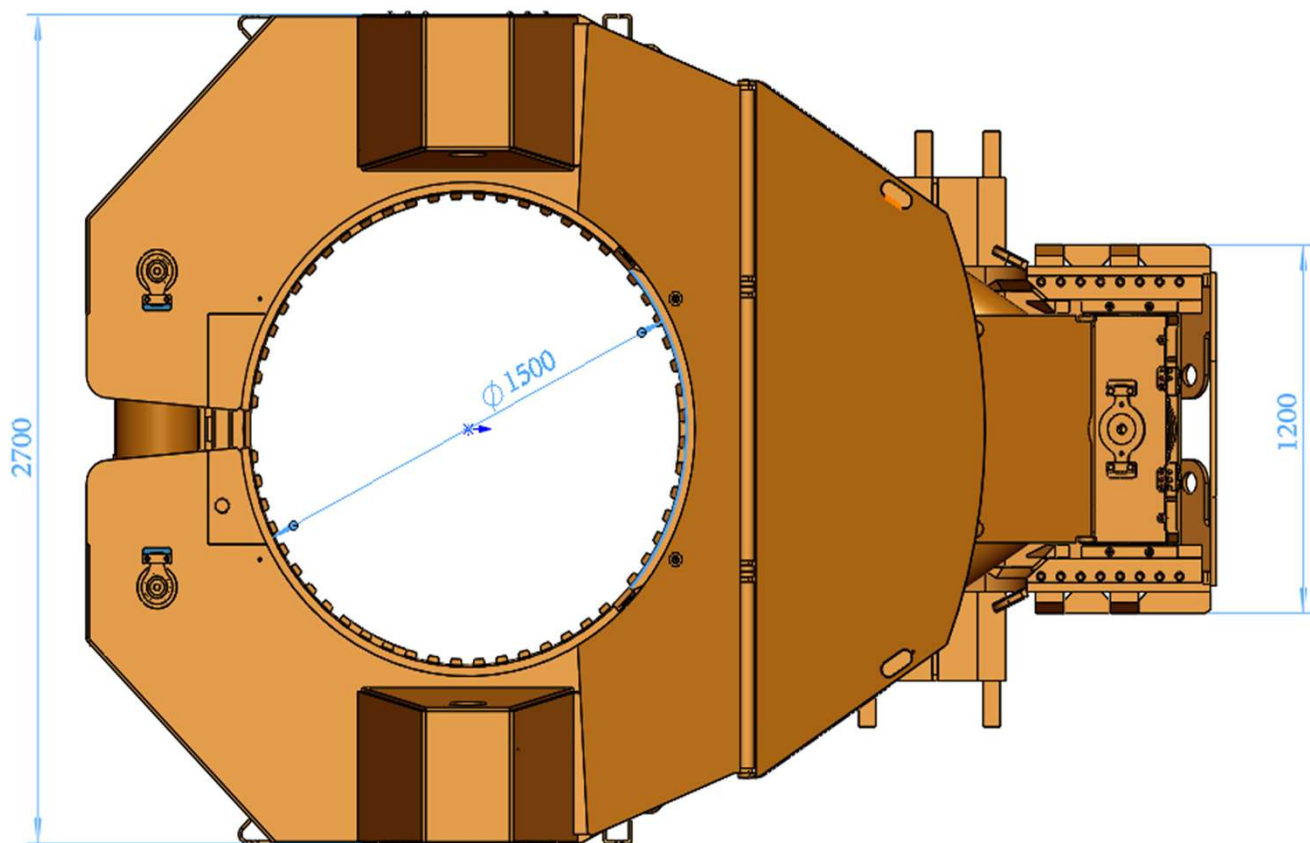
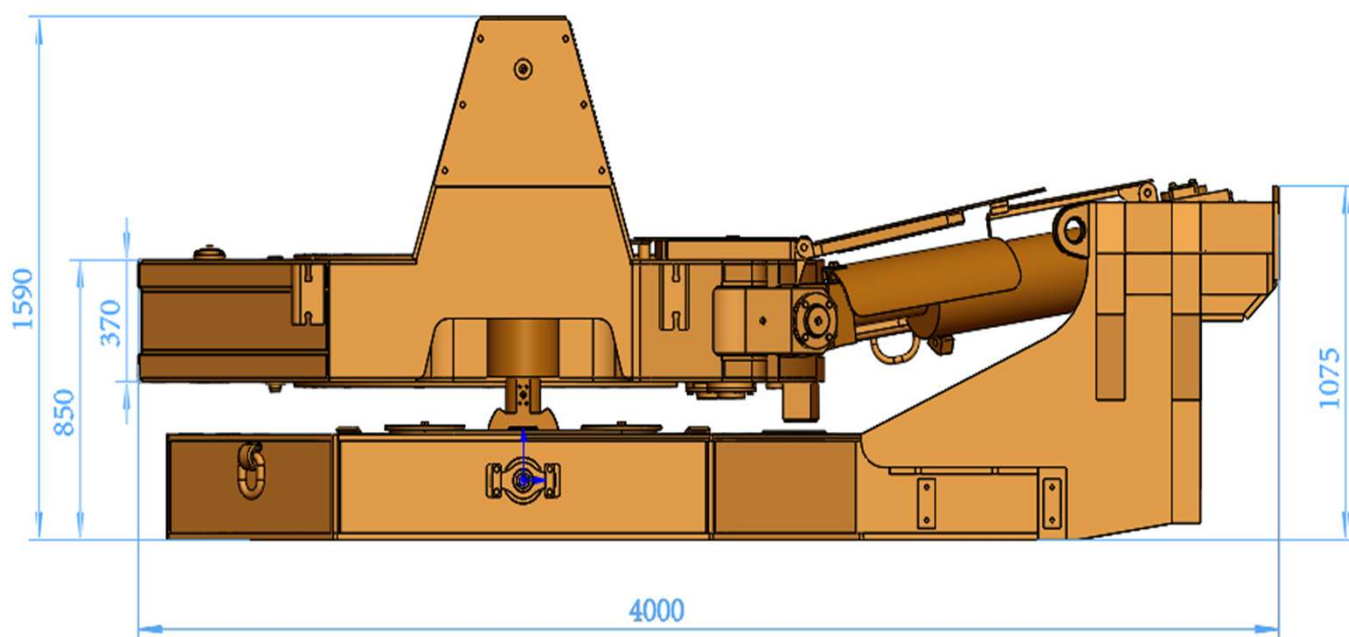


RCO 1180 (1200) to be used as front end attachment to drilling rigs, mounted to the undercarriage of it. the torque and weight of drilling rig can help casing oscillator work more efficiently.

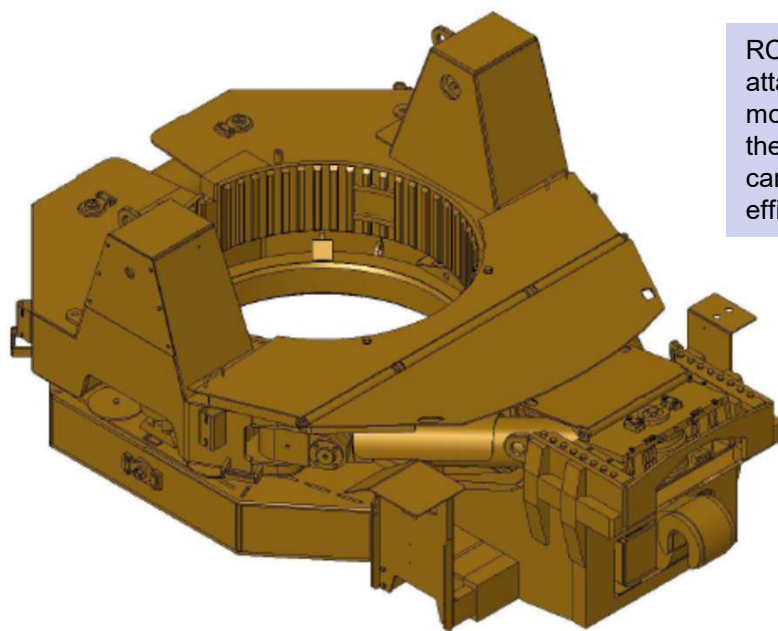
RCO 1180 DRILLING RIG CONNECTION

技术数据	Technical data		
最大套管直径	Max.casing diameter	mm	1180 (1200)
最大工作压力	Max. operating pressure	bar	320
扭矩	Torque	kNm	1,075
行程	Stroke	mm	500
提升力	Lifting force	kN	1,450
夹紧力	Clamping force	kN	750
摇摆角度	Rotation angle	degree	26
套管摆动线周长	Casing rotation	mm	267
重量(约)	Weight (approx.)	kg	7,500
基架的宽度	Width of base frame	mm	2,010
夹钳的宽度	Width of clamp	mm	2,030
靠近主机一侧的宽度	Width on carrier side	mm	1,300
总高度	Overall height	mm	1,480
靠近主机一侧的高度	Height on carrier side	mm	1,038
地面距夹钳顶部的高度	Height ground to top of clamp	mm	850
桩的中心距到底盘连接点的距离	Dist. pile axis -	mm	2,275
水平调节长度	Horizontal adjustment length	mm	530
桩的中心距到夹钳前端的距离	Dist. pile axis - front of clamp	mm	1,000
桩的中心距到基架前端的距离	Dist. pile axis to front	mm	980
总长度	Overall length	mm	3,345

摇管机 Casing Oscillator RCO 1500



摇管机 Casing Oscillator RCO 1500

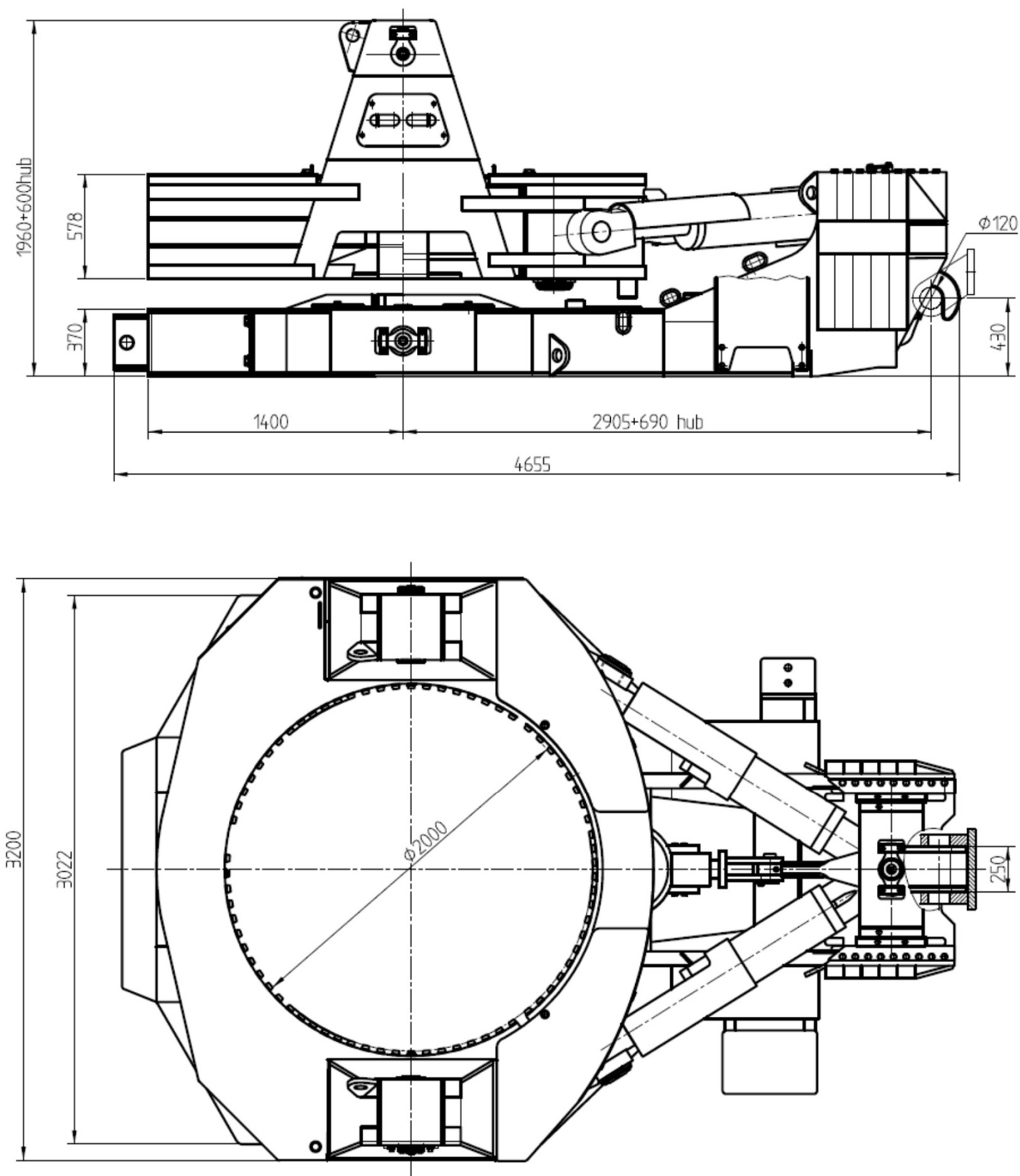


RCO 1500 to be used as front end attachment to drilling rigs, mounted to the undercarriage of it. the torque and weight of drilling rig can help casing oscillator work more efficiently.

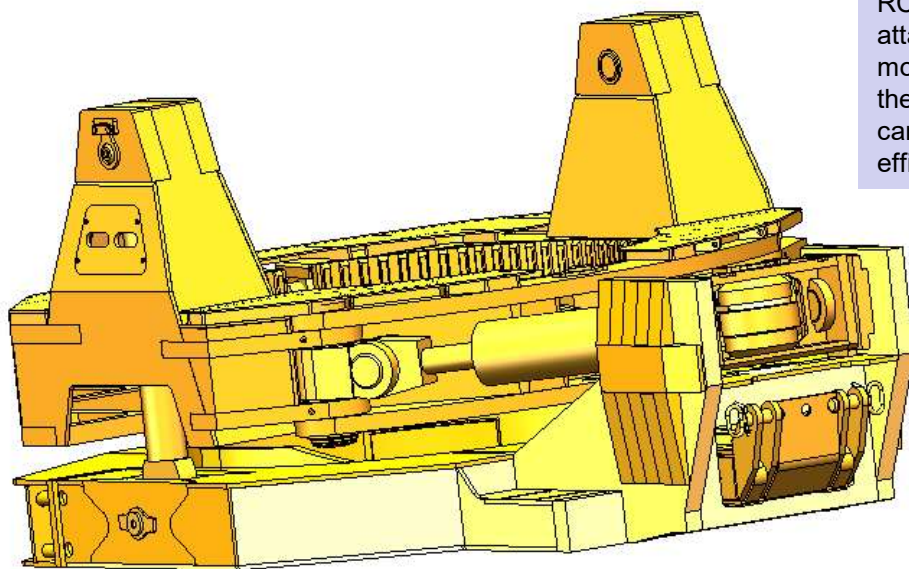
RCO 1500 DRILLING RIG CONNECTION H7

技术数据	Technical data		
最大套管直径	Max.casing diameter	mm	1500
最大工作压力	Max. operating pressure	bar	320
扭矩	Torque	kNm	2070
行程	Stroke	mm	520
提升力	Lifting force	kN	1,880
夹紧力	Clamping force	kN	900
摇摆角度	Rotation angle	degree	25
套管摆动线周长	Casing rotation	mm	327
重量(约)	Weight (approx.)	kg	12,500
基架的宽度	Width of base frame	mm	2,600
夹钳的宽度	Width of clamp	mm	2,700
靠近主机一侧的宽度	Width on carrier side	mm	1,300
总高度	Overall height	mm	1,480
靠近主机一侧的高度	Height on carrier side	mm	1,200
地面距夹钳顶部的高度	Height ground to top of clamp	mm	920
桩的中心距到底盘连接点的距离	Dist. pile axis -	mm	2,585
水平调节长度	Horizontal adjustment length	mm	690
桩的中心距到夹钳前端的距离	Dist. pile axis - front of clamp	mm	1,350
桩的中心距到基架前端的距离	Dist. pile axis to front	mm	1,250
总长度	Overall length	mm	4,080

摇管机 Casing Oscillator RCO 2000



摇管机 Casing Oscillator RCO 2000



RCO 2000 to be used as front end attachment to drilling rigs, mounted to the undercarriage of it. the torque and weight of drilling rig can help casing oscillator work more efficiently.

RCO 2000 DRILLING RIG CONNECTION H8

技术数据	Technical data		
最大套管直径	Max.casing diameter	mm	2000
最大工作压力	Max. operating pressure	bar	320
扭矩	Torque	kNm	2965
行程	Stroke	mm	600
提升力	Lifting force	kN	2430
夹紧力	Clamping force	kN	1125
摇摆角度	Rotation angle	degree	25
套管摆动线周长	Casing rotation	mm	436
重量(约)	Weight (approx.)	kg	20000
基架的宽度	Width of base frame	mm	3150
夹钳的宽度	Width of clamp	mm	3200
靠近主机一侧的宽度	Width on carrier side	mm	1200
总高度	Overall height	mm	1960
靠近主机一侧的高度	Height on carrier side	mm	1175
地面距夹钳顶部的高度	Height ground to top of clamp	mm	580
桩的中心距到底盘连接点的距离	Dist. pile axis -	mm	2905
水平调节长度	Horizontal adjustment length	mm	690
桩的中心距到夹钳前端的距离	Dist. pile axis - front of clamp	mm	1400
桩的中心距到基架前端的距离	Dist. pile axis to front	mm	1590
总长度	Overall length	mm	4655



Power pack is used as additioal power supply for oscillator working. It is driven by diesel engine (Cummis), and cooling by fan. All parts are integrated into a steel container; it is convenient to be handled in jobsite.

Power pack

技术数据	Technical data		
功率	Power	HP/Kw	260/190
额定转速	Rated Speed	RPM	1800
燃油箱容积	Fuel Tank Capacity	L	500
冷却风扇（带风扇反转）	Cooling Fan (with Fan Reversing Function)		YLZ-800
排放标准	Emission Standard	kN	CHINA III
柱塞泵	Piston Pump	kN	Danfoss
流量	Flow Rate	L/min	2×176
额定压力	Rated Pressure	Mpa	32
油箱容积	Hydraulic Tank Capacity	L	2000
电压	Voltage	V	DC 12
外形尺寸	Overall Dimensions	mm	3200×1900×1900
发动机	Engine		Cummis

Job site working case example



RCO 1500 working
Moscow Metro station



RCO 1500 with XCMG Drilling rig



RCO 1500 with SANY Drilling rig



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