

XR210I 旋挖钻机

技术规格书

Technical Specification of XR210I

Rotary Drilling Rig

徐州徐工基础工程机械有限公司

Xuzhou XCMG Foundation Construction Machinery Co.,
Ltd.

二〇一九年七月

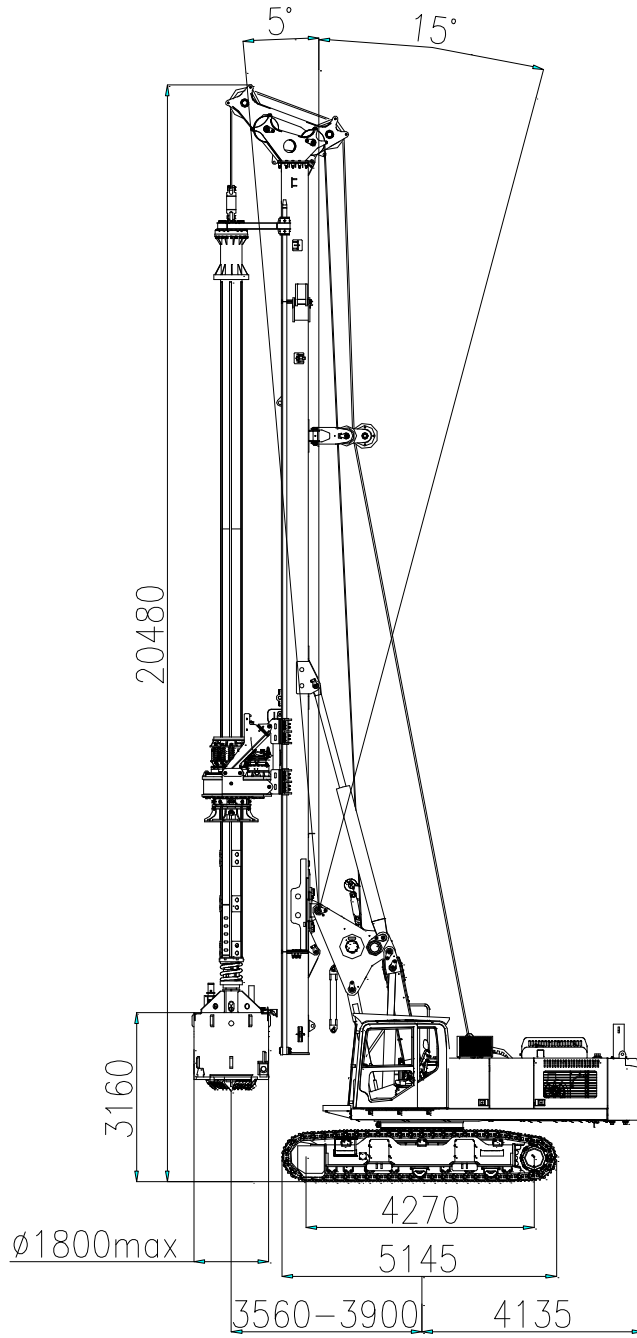
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一、XR210I 主要技术参数

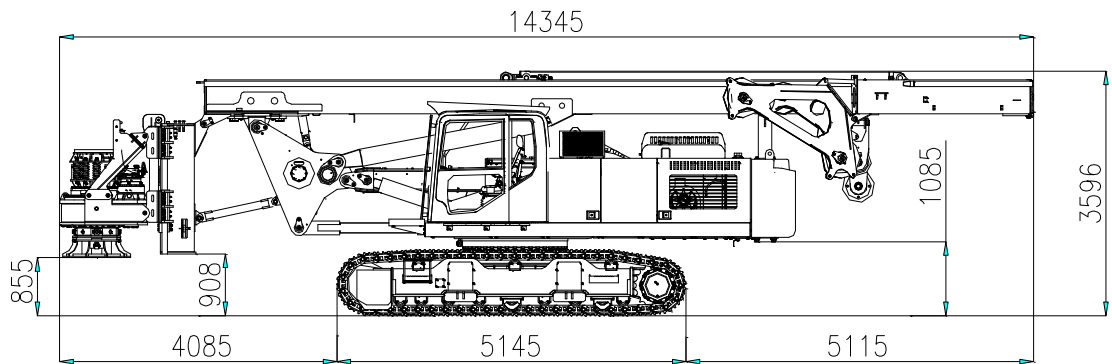
XR210I Main Technical Data

No.	Description		Unit	Data
1	Max. drilling diameter		mm	Ø1800
2	Max. drilling depth		m	65, standard configuration (5-section friction Kelly bar) 46, optional configuration (4-section-locking Kelly bar)
3	Allowable luffing scope (from center of drill rod to slewing center)		mm	3560~3900
4	Drilling rig dimension in working condition (L × W × H)		mm	8350×4200×20480
5	Drilling rig dimension in transport condition (L × W × H)		mm	14255×3000×3455
6	Weight of overall unit (standard configuration, excluding drilling tool)		t	63
7	Engine	Model		CUMMINS QSB6.7-C
		Rated power/speed	kW	194 /2000r/min
8	Hydraulic system	Max. Pressure of Main pump	Mpa	35
		Max. Pressure of Auxiliary pump	Mpa	28
9	Rotary drive	Max. torque	kN.m	210
		Rotational speed	rpm	5~30
10	Crowd cylinder	Max. Pushing force	kN	180
		Max. Pulling force	kN	190
		stroke	mm	5000
11	Main winch	Lifting force	kN	216
		Max. single-rope speed	m/min	60
		Diameter of the steel wire rope	mm	28
12	Auxiliary winch	Lifting force	kN	80
		Max. single-rope speed	m/min	70
		Diameter of the steel wire rope	mm	20
13	Mast	Left/right inclination of mast	°	3 / 3
		Front/back inclination of mast	°	5

14	Rotary table slewing	Rotary table slewing angle	°	360
15	Undercarriage	Max. traveling speed of the overall unit	km/h	1.5
		Max. climbable gradient of the overall unit	%	35
		Width of crawler plate	mm	700
		External width of crawler (min.-max.)	mm	2960~4200
		Center distance between two longitudinal wheels of crawler	mm	4310
		Average ground pressure	kPa	94



工作状态 working station



运输状态 transportation station