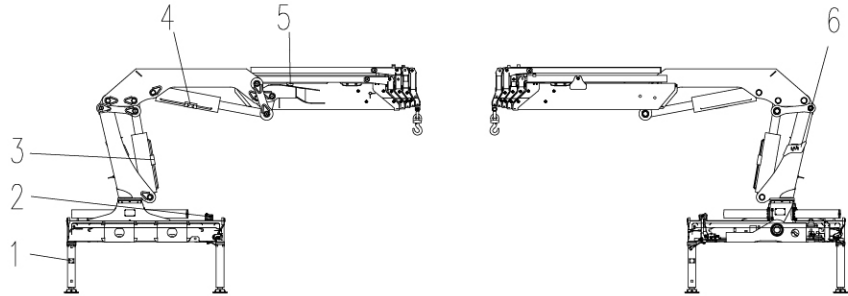
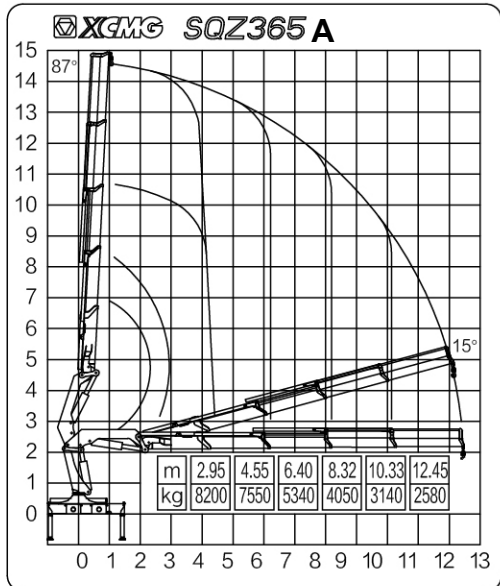


SQZ365A安全装置位置示意图



SAFETY DEVICES			
No.	CRANE MODEL	No.	SAFETY DEVICES
1	SQZ365A	1	双向液压锁 Double direction haydraulic lock
		2	防回转装置 Anti-rotation device
		3	一变平衡阀 Balanced valve of luffing cylinder I
		4	二变平衡阀 Balanced valve of luffing cylinder II
		5	伸臂平衡阀 Balanced valve of telescopic boom cylinder
		6	防下落装置 Falling prevention device;

起升性能曲线图



配置介绍

主要组成配置	
部件名称	配置介绍
起重吊钩 Lifting hook	采用旋转吊钩, 可实现吊钩360° 旋转不卡滞 Adopt self-rotating hook,can realize 360° rotation of the hook without stalling
第一节臂 Section 1 arms	由内臂加变幅油缸组成, 内臂采用折弯成型技术, 强度好, 重量轻, 外形美观 Composed of inner arm and variable amplitude oil clinder,the inner arm adopts bending forming technology,which has good strength,light weight,and beautiful apperance
外臂 Outer arm	由基本臂加多节伸缩臂, 臂体结构采用六边形截面一道焊缝成型, 截面抗弯扭能力强, 平稳性高, 有效减小横向晃动, 提升起吊安全性。 By adding multiple telescopic arms to the basic arm, the arm structure adopts a hexagonal cross-section formed by a single weld seam. The cross-section has strong resistance to bending and torsion, high stability, effectively reducing lateral shaking, and improving lifting safety.
转台 Turntable	由转台结构及第一变幅油缸组成, 转台结构采用折弯成型技术, 强度好, 重量轻, 外形美观 Composed of a turntable structure and the first variable amplitude oil cylinder, the turntable structure adopts bending forming technology, which has good strength, light weight, and beautiful appearance
支腿 Outrigger	双腔大跨距支腿, 最大跨距达到6m, 整车稳定性更好, 可轻松实现更大的安全作业范围 Double cavity large-span leg support, with a maximum span of 6m, provides better vehicle stability and allows for easy implementation of a larger safe operating range
操纵系统 Control system	标配下车操纵, 支腿下车双侧手动操纵形式 Standard exit control, manual operation on both sides of the leg exit
回转机构 Rotary mechanism	通过采用双齿条驱动, 结构紧凑, 回转力矩大, 回转过程平稳, 回转角度可达400°, 能满足各种工作场景。 By adopting dual rack drive, the structure is compact, the turning torque is large, the turning process is smooth, and the turning angle can reach 400°, which can meet various working scenarios
连杆机构 connecting rod mechanism	双四连杆机构, 实现更大的变幅角度和平稳的峰值力矩输出 Double four bar linkage mechanism, achieving greater amplitude angle and smoother peak torque output
液压系统 Hydraulic system	包括平衡阀、多路阀、液压管路, 实现吊机的各项动作 Counterbalance valves,multi-way valves,hydraulic lines,to realize the movements of the crane
其他 Hydraulic system	标配散热器, 确保吊机长期重载工作油温不过高 Standard radiator to ensure that the oil temperature of the crane during long-term heavy load operation is not too high

SQZ365A随车起重机

TRUCK-MOUNTED CRANE



徐州徐工随车起重机有限公司
XCMG XUZHOU TRUCK-MOUNTED CRANE Co.,Ltd.

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销售电话(Sales Tel): 18805200176 邮编(Post code): 221004 网址(http): www.xcmg.com/xgsc
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This print does not belong to the contract. We reserve the right to modify the design (such as product model, parameters and configuration) without notice for improvement. The pictures are just for reference. The product in the picture may not be standard configuration. Some parts need to be purchased separately. Conform to the local laws for license application and road traveling.

SQZ365A 技术特点

SQZ365A technical feature

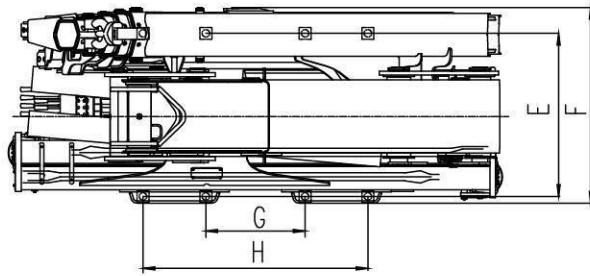
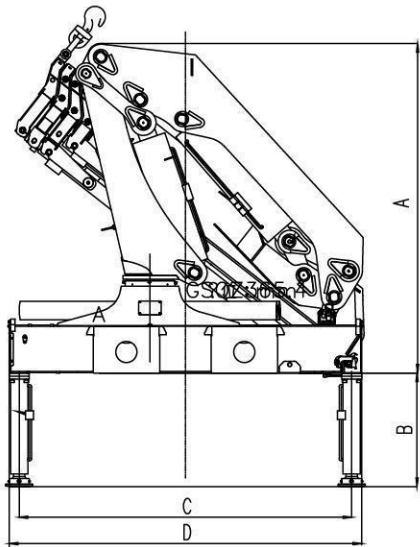
- 1、采用轻量化设计理念，结合三维运动仿真和有限元分析的虚拟样机技术，整机结构设计紧凑，布局合理，外观新颖简洁。
Adopting lightweight design concept, combined with three-dimensional motion simulation and finite element analysis of the virtual prototype technology, the whole machine has a compact structural design, reasonable layout and novel and simple appearance.
- 2、整机主要结构件采用高强度钢板制作，强度高、韧性好，自重轻。
The main structural parts of the machine are made of high-strength steel plate, with high strength, good toughness and light weight.
- 3、回转机构采用双齿条驱动，结构紧凑，回转力矩大，回转过程平稳，回转角度可达400°，能满足各种工作场景。
The rotary mechanism adopts double rack and pinion drive, compact structure, large rotary torque, smooth rotary process, rotary angle up to 400°，can meet a variety of work scenarios.
- 4、转台、内臂采用折弯成型技术，强度好，重量轻，外形美观。
Turntable and inner arm adopt bending molding technology, good strength, light weight and beautiful appearance.
- 5、吊臂采用六边形截面一道焊缝成型，截面抗弯扭能力强，平稳性高，有效减小横向晃动，提升起吊安全性。
The boom adopts hexagonal section with one weld molding, strong bending and torsion resistance, high smoothness, effectively reduce lateral swaying, and improve lifting safety.
- 6、工作幅度大，起升能力强，四节伸缩臂最大工作幅度可达12.45m，最大工作幅度时可起升2580kg。同时吊臂可实现15°负角作业，作业灵活，环境适应性更好。
With large working range and strong lifting capacity, the maximum working range of the four-section telescopic boom can be up to 12.45m, and it can lift 2580kg when the maximum working range is reached; meanwhile, the boom can realize 15° negative angle operation, which makes it flexible in operation and better in environmental adaptability.
- 7、双四连杆变幅机构，实现更大的变幅角度和平稳的力矩输出，最大变幅角度可达到87°，最大起升力矩可达336.7kN·m。
Double four-link luffing mechanism realizes larger luffing angle and smooth torque output, the maximum luffing angle can reach 87°，and the maximum lifting torque can reach 336.7kN-m.
- 8、双腔大跨距支腿，最大跨距达到6m，整车稳定性更好，可轻松实现更大的安全作业范围。
Double-cavity large span outriggers, the maximum span reaches 6m, the whole vehicle stability is better, can easily realize a larger range of safe operation.
- 9、控制技术先进，上车比例阀操控，微动性能好，操纵舒适度高，可实现吊机复合动作；伸缩油缸两端采用缓冲技术，操纵舒适性好；支腿采用两块操纵阀分别操纵，操作者只能操纵同侧的支腿伸缩，便于观察更安全。
Advanced control technology, on-board proportional valve control, micro-movement performance is good, high manipulation comfort, can realize the crane compound action; telescopic cylinders at both ends of the buffer technology, maneuvering comfort is good; outriggers using two blocks of manipulation valves are manipulated separately, the operator can only manipulate the same side of the outrigger expansion and contraction, easy to observe and more secure.
- 10、超载缓降功能，当起吊载荷超载接近10%，载荷将缓慢下降，保护吊机的同时也让操纵更安全。
Overload slow descent function, when the lifting load is close to 10% overload, the load will be slowly descending to protect the crane and make the maneuvering safer at the same time.
- 11、标配大功率散热器，确保吊机长时间连续工作。
Standard equipped with high-power radiator, to ensure that the crane long time continuous work.
- 12、操纵标识采用符合欧标标准设计，标识醒目易识别，符合国外客户使用习惯。
The maneuvering signs are designed in line with European standards, the signs are eye-catching and easy to identify, in line with the use of foreign customers.

主要技术参数表

类别	项目	单位	参数
主要性能参数 Main performance Parameters	最大起升力矩 Maximum lifting torque	kN·m	336.7
	最大起升质量 Maximum lifting mass	kg	8200
	最大工作幅度 Maximum working range	m	12.45
	最大起升高度 Maximum lifting height	m	14.5
	吊臂长度 Boom length	m	4.55~12.45
	变幅范围 Varitation range	°	0~87
	回转角度 Rotation angle	°	400
	支腿跨距 Rotation angle	m	2.34~6
	产品自重 Product weight	kg	3585
液压系统参数 Hydraulic system parameters	系统额定流量 System flow rating	l/min	63
	额定工作压力 Rated working pressure	MPa	32
	推荐功率 Recommender power	kW	34
	工作环境温度 Operating temperature	℃	-25℃~+40℃
	液压油箱容积 Hydraulic oil tank volume	L	220
	设计图号 Design drawing no		SQZ365A.00
	设计代码 Design code		ISO4301-2
	梁最大长度 Maximum Length of the Beam	m	12.45
	负载测试 Load Testing	kg	9400

可选配置		
名称	配置介绍	
操作方式 Operating method	无线遥控器 Wireless remote	遥控器电液比例控制 Remote control electro-hydraulic proportional control
力限器 Fore limiter	力矩限制装置 Torque limiting device	力限器主机实时监控力矩，超载时限动 The force limiter host monitors the torque in real time,and the overload time limit is activated
起升机构 Hoisting mechanism	副卷装置 Sidewinders	加装卷扬起吊钩，用于精准、快速提升货物 Addition of a double-rate hoisting hook for precise and fast lifting of loads
	防过卷报警装置 Anti-overcoiling alarm device	吊钩起升接近终位时自动报警用以提示操纵人员 Automatic alarm to alert the operator when the hook is approaching the final position
副臂 jib	手动臂 Manual arm	可增加手动臂，在不增加电液配置的情况下可实现加大幅度的效果 Manual arms can be added to achieve an increased amplitude without increasing the electro-hydraulic configuration
活动支腿 Activity legs	自动翻转支腿 Automatic flipping of support legs	可选装自动翻转支腿，提高不同底盘的适应性 Optional automatic flipping legs can be installed to improve the adaptability of different chassis
液压油 Hydraulic oil	高低温液压油 High and low temperature hydraulic oil	在严寒及高温地区可选择耐高温及耐高寒液压油 High temperature and cold resistant hydraulic oils can be selected in cold and high temperature areas

产品外形尺寸图



A	2320
B	800~1268
C	2340~6000
D	2500
E	836
F	1003
G	510
H	1150