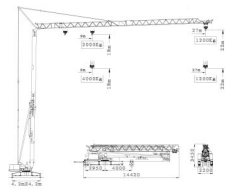




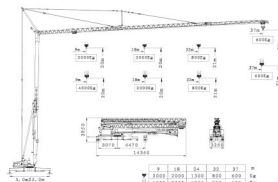
JFYT SELF-ERECTING INTELLIGENT TOWER CRANE

快速架设移动塔式起重机

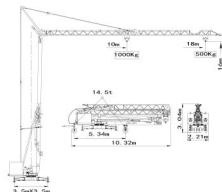
国家高新技术企业 National High-Tech Enterprise



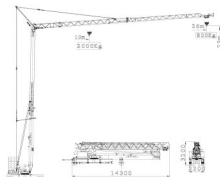
JFYT2227-40



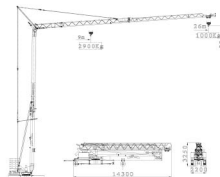
JFYT2337-40



JFYT1720-10



JFYT2527-20



JFYT2527-30



徐州市久发工程机械有限责任公司

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Crafting quality with craftsmanship. Winning Integrity with Responsibility



XUZHOU JIUFA

CONSTRUCTION MACHINERY CO.,LTD.

徐州市久发工程机械有限责任公司

徐州久发机械是国内专业研发、制造和经营越野起重机及其他工程机械产品的国家级高新技术企业。公司具备完善的技术质量保障管理体系，并通过了ISO9001质量管理体系、CE认证。公司作为江苏省科技厅批准的“越野轮胎起重机装备工程技术研究中心”与吉林大学建立并保持着长期的产学研合作关系。目前公司已拥有56项发明专利，包括发明专利15项及实用新型专利41项。产品主要包括RT系列越野起重机、QY系列汽车起重机、DGX系列多功能履带机、JFYT系列快速移动自架设智能塔机、自装卸智能环卫车及工程机械关键零部件等。其中DGX系列多功能履带机和自装卸智能环卫车获全球发明专利，JFYT系列快速移动自架设智能塔机为国内首创产品。

由本公司自主研发的“RT系列越野起重机”被江苏省科技厅认定为“高新技术产品”并被科技部列入“国家火炬计划产业化示范项目”。该系列机型应用了计算机控制技术、CAN总线技术、液压先导比例控制技术、电控换挡无极变速技术、四轮转向定位检测技术以及安全影像监控系统等，使其成为高技术含量的机电一体化产品。该机型采用自制专用越野底盘，进口车架、变速箱、四轮驱动、同步转向，具有高动力、高通过性。该机型为全液压配置，可实现连续无极变速、慢行、负重行驶。该机型既适合在山地、矿山等野外复杂路况及施工，也适合在港口、货场等狭小的场地作业，可满足各行业不同用户对现场吊运施工作业的特殊需求。

本公司创建于2002年，注册资本1600万元，占地面积200余亩，现建有10万多平米的标准化工业厂房以及九千多平米的科研大楼、七千多平米的综合贸易楼。公司自成立以来，陆续投资购置了包括火焰切割机、激光下料设备、精细等离子切割机、大型剪板机、大型校平机、大吨位压力机、2500吨大型数控折弯机以及数显卧铣、双面铣床、林肯焊机、标准件清洗线、三坐标检测仪、焊接探伤仪等先进机械加工和检测设备，具备年产3000台以上大型工程机械设备的生产组织及加工制造能力。

公司地处“中国工程机械之都”的江苏省徐州市铜山区大彭镇工业园区内，紧邻310国道及徐州市绕城高速出入口处，具有优越的零配件配套采购市场环境及发达便利的交通地理位置。目前公司主营的RT系列越野起重机产品，95%以上出口国外，主要销往非洲、南美、中东、西亚、东南亚和独联体等50多个国家和地区。

Xu Zhou Jiufa Construction Machinery Co., Ltd.(XJCM) is a national high-tech enterprise which professionally designs, produces and deals with the rough terrain crane and other construction machinery. XJCM has the well-run technology and quality guarantee management system with ISO9001 Quality Management System Certificate, I CE Certificate. As the approved "Rough terrain crane Engineering Technology Research Center" by the Department of Science and Technology of Jiangsu Province, XJCM has the long-term research cooperation relationship with Jilin University. XJCM has 56 patents at present, including 15 patents for invention and 41 patents for utility models. XJCM main products include RT series of rough terrain crane, QY series of truck crane, DGX series of multifunction pipelayer, JFYT series of rapid traveling self-erecting intelligent tower crane, self-loading & self-unloading intelligent environment protecting truck and key parts of construction machinery, etc. The DGX series of multifunction pipelayer and self-loading & self-unloading intelligent environment protecting truck get the global patent for invention, and JFYT series of rapid traveling self-erecting intelligent tower crane is the pioneer product in China. The self-developed RT series of rough terrain cranes have been identified as "high-tech products" by Department of Science and Technology of Jiangsu Province and have been involved in "National Torch Project" by the national Ministry of Science and Technology. It adopts the computer control technology, CAN bus technology, hydraulic pilot proportional control technology, electric control shift speed change technology, four wheels steering locating and detection technology and security image monitoring system, etc. So, it is a kind of high technology integrated product of mechanic, electronic and instrument. It adopts the self-produced off-road chassis, imported axle and imported gearbox. It has the features of four-wheel drive, synchronous steering, high dynamic and high trafficability characteristic. It adopts fully hydraulic configuration and can realize the speeds speed change, crab steering and traveling with load. It is suitable for the outdoor complex road conditions construction, for example, mountain, mine, etc., and narrow site operating, for example, port, freight yards, etc. It can satisfy the different and special holding requirement for different industries and users.

XJCM was founded in 2002. The register capital is 45 million, occupying more than 200 thousand square meters area. At present, more than 100 thousand square meters of standard industrial plant, more than 9000 square meters of Science and Technology R&D building and more than 7000 square meters of International trade building are available in XJCM. Until now, XJCM has advanced machining equipment and detecting equipment, including flame cutting machine, laser cutting machine, fine plasma cutting machine, large shearing machine, large leveling machine, large press machine, 2500mm model of large scale CNC bending machine, digital display horizontal double side boring and milling machine, precision machining equipment, Lincoln welding machine, standard spray paint line, coordinate measuring machine, welding flaw detector, etc. XJCM has production capacity more than 3000 sets of large construction machinery.

XJCM locates in Dapeng Industrial Park, Xu Zhou City, Jiangsu province, China which is the city of China construction machinery, next to the 310 national highway and the west entry and exit of Xu Zhou city belt expressway. XJCM has the superior parts purchasing conditions and convenient traffic location. At present, more than 95% of RT series of rough terrain crane, as the main product of XJCM, is mainly exported to more than 50 countries and regions, like Africa, South America, Middle East, West Africa, East and South Asia, CIS and so on.

XUZHOU JIUFA

CONSTRUCTION MACHINERY

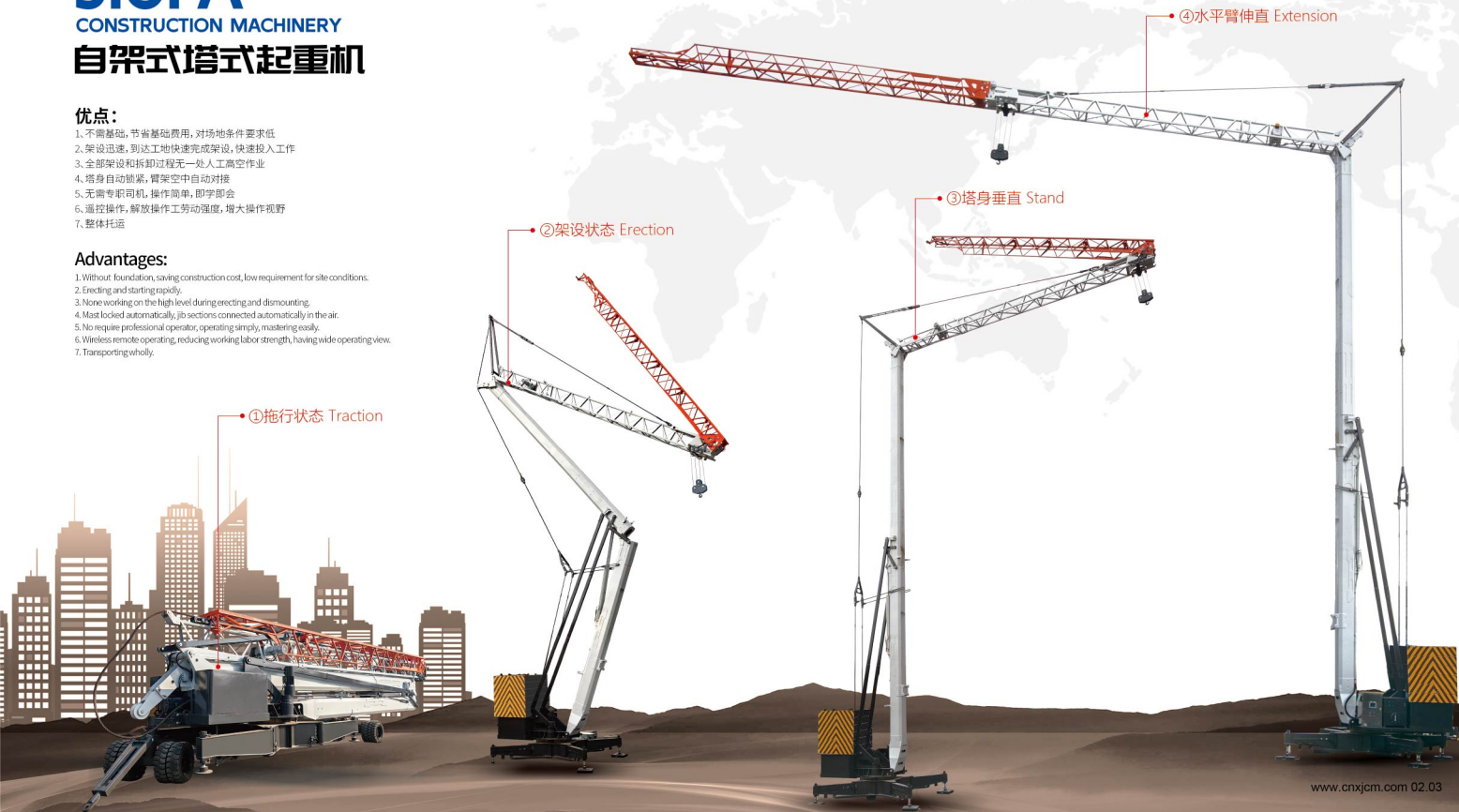
自架式塔式起重机

优点:

1. 不需基础, 节省基础费用, 对场地条件要求低
2. 架设迅速, 到达工地快速完成架设, 快速投入工作
3. 全部架设和拆卸过程无一处人工高空作业
4. 塔身自动锁紧, 臂架空中自动对接
5. 无需专职司机, 操作简单, 即学即会
6. 遥控操作, 解放操作工劳动强度, 增大操作视野
7. 整体托运

Advantages:

1. Without foundation, saving construction cost, low requirement for site conditions.
2. Erecting and starting rapidly.
3. None working on the high level during erecting and dismantling.
4. Mast locked automatically, jib sections connected automatically in the air.
5. No require professional operator, operating simply, mastering easily.
6. Wireless remote operating, reducing working labor strength, having wide operating view.
7. Transporting wholly.



自架式塔式起重机 SELF-ERECTING TOWER CRANE



项 目	Project	单位 Unit	JFYT2337-40	JFYT2227-40	JFYT1924-40	JFYT2527-30
外形尺寸	Dimensions	mm	14350*2250*3950	14420*2200*3450	12900*2200*3450	14300*2200*3250
起升最大高度	Maximum lifting height	m	21/27	22/26	19/23	23/26
最大工作幅度	Maximum working range	m	37	27	24	26
最大起重量	Maximum lifting capacity	Kg	4000	4000	4000	2900
最大起重量时的最大工作幅度	Maximum working range at maximum lifting capacity	m	9	9	9	9
最大工作幅度吊重	Maximum working range lifting weight	Kg	600	1200	1300	1000
架设时间	Erection time	min	15	10	10	10
支腿跨距	Outrigger span	m	5.0X5.0	4.2X4.2	4.2X4.2	4.2X4.2
液压系统工作压力	Hydraulic system working pressure	Mpa	28	28	28	28
最大拖行速度	Maximum towing speed	Km/h	15	15	15	15
电源	power supply		380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
总功率	Total power	KW	26.9	26.9	26.9	26.9
整机重量 (运输重量)	Overall machine weight (transportation weight)	Kg	23000Kg	21000Kg	20000Kg	19500Kg
工作时最大重量 (含最大吊重)	Maximum weight during operation (including maximum lifting weight)	Kg	47000Kg	40000Kg	39000Kg	35000Kg
特点	Features		施耐德电气, PLC控制, 无线遥控操作, 久发力 limiter, 全自动架设, 液压支腿, 风速仪 (Schneider Electric, PLC control, wireless remote control operation, jufa force limiter, fully automatic erection, hydraulic outriggers, anemometer)	施耐德电气, PLC控制, 无线遥控操作, 久发力 limiter, 全自动架设, 液压支腿, 风速仪 (Schneider Electric, PLC control, wireless remote control operation, jufa force limiter, fully automatic erection, hydraulic outriggers, anemometer)	施耐德电气, PLC控制, 无线遥控操作, 久发力 limiter, 全自动架设, 液压支腿, 风速仪 (Schneider Electric, PLC control, wireless remote control operation, jufa force limiter, fully automatic erection, hydraulic outriggers, anemometer)	施耐德电气, PLC控制, 无线遥控操作, 久发力 limiter, 全自动架设, 液压支腿, 风速仪 (Schneider Electric, PLC control, wireless remote control operation, jufa force limiter, fully automatic erection, hydraulic outriggers, anemometer)

项 目	Project	单位 Unit	JFYT2024-30	JFYT2527-20	JFYT2024-20	JFYT1720-10
外形尺寸	Dimensions	mm	13000*2200*3250	14300*2200*3200	13000*2200*3200	10400*2200*3040
起升最大高度	Maximum lifting height	m	20/23	23/26	20/23	16
最大工作幅度	Maximum working range	m	24	26	24	18
最大起重量	Maximum lifting capacity	Kg	2900	2000	2000	1000
最大起重量时的最大工作幅度	Maximum working range at maximum lifting capacity	m	9	10	10	10
最大工作幅度吊重	Maximum working range lifting weight	Kg	1000	800	800	500
架设时间	Erection time	min	10	10	10	6
支腿跨距	Outrigger span	m	4.2X4.2	4.2X4.2	4.2X4.2	3.5X3.5
液压系统工作压力	Hydraulic system working pressure	Mpa	28	28	28	28
最大拖行速度	Maximum towing speed	Km/h	15	15	15	15
电源	power supply		380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
总功率	Total power	KW	26.9	26.9	26.9	11.4
整机重量 (运输重量)	Overall machine weight (transportation weight)	Kg	18500Kg	18500Kg	17500Kg	14500Kg
工作时最大重量 (含最大吊重)	Maximum weight during operation (including maximum lifting weight)	Kg	34000Kg	28000Kg	27000Kg	15500Kg
特点	Features		施耐德电气, PLC控制, 无线遥控操作, 久发力 limiter, 全自动架设, 液压支腿, 风速仪 (Schneider Electric, PLC control, wireless remote control operation, jufa force limiter, fully automatic erection, hydraulic outriggers, anemometer)	德力西或正泰电气, 无线遥控操作, 久发力 limiter, 全自动架设, 液压支腿, 风速仪 (Delixi or Chint Electric, wireless remote control operation, jufa force limiter, fully automatic erection, hydraulic legs, anemometer)	德力西或正泰电气, 无线遥控操作, 久发力 limiter, 全自动架设, 液压支腿, 风速仪 (Delixi or Chint Electric, wireless remote control operation, jufa force limiter, fully automatic erection, hydraulic legs, anemometer)	德力西或正泰电气, 无线遥控操作, 久发力 limiter, 全自动架设, 液压支腿 (Delixi or Chint Electric, wireless remote control operation, jufa force limiter, fully automatic erection, hydraulic legs)

JFYT2337-40

自架设智能塔式起重机

SELF-ERECTING INTELLIGENT TOWER CRANE



优点:

- 1、采用力限制控制系统,提高产品的安全性。借助于各种不同的信号传感器,力矩限制器可以监测起重机的各个工作状态,并给起重机操作者提供连续的、实时的起重机作业状态显示。力矩限制器可给操作者提供有关塔式起重机工作幅度、额定重量、实际重量等方面的信息。
- 2、液压支腿采用液压锁和机械锁双重安全保护,能够有效解决支腿长时间使用由于液压内泄给工作带来的危险性。
- 3、控制器采用西门子PLC控制,性能可靠,灵活,易操作。
- 4、产品安装了风速仪,通过控制系统能够实现当风速超过工作要求时禁止危险动作的操作。
- 5、起升机构采用变频电机,通过遥控器和力矩控制系统能够实现三种速度的控制,能够实现慢速平稳启动和载荷平稳精准到位,提高操作的舒适性和安全性。



Advantages:

1. Adopt force limit control system to improve product safety. With the help of various signal sensors, the torque limiter can monitor the various working conditions of the crane and provide the crane operator with continuous, real-time display of the crane operation status. The torque limiter can provide the operator with information about the working range, rated weight, actual weight and other aspects of the tower crane.
2. The hydraulic outrigger adopts the dual safety protection of hydraulic lock and mechanical lock, which can effectively solve the danger caused by hydraulic internal leakage to the work due to the long-term use of the outrigger.
3. The controller is controlled by Siemens PLC. Reliable, flexible and easy to operate.
4. The product is equipped with an anemometer, which can be banned when the wind speed exceeds the working requirements through the control system. Stop dangerous actions.
5. The hoisting mechanism uses a three-speed motor, which can realize three kinds of speed control through a remote control and a torque control system, which can realize slow and stable start and stable and accurate load in place. Improves operational comfort and safety.
6. The lifting mechanism adopts a two-speed motor, and the double lifting speed is controlled by the remote control handle and the torque control system.

XCJCM

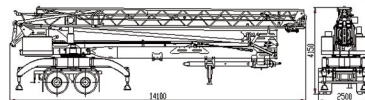
QTKZ-20

快速牵引移动架设智能塔机

QTKZ-20 RAPID TRACTION AND MOBILE ERECTION OF INTELLIGENT TOWER CRANE



外形图 / Outline drawing



主要技术参数 / Main technical specifications

类别 Category	项目Item	单位Unit	QTKZ-20				
起重作业参数 Lifting operation parameters	起升最大高度 Maximum lifting height	m	24				
	最大工作幅度 Maximum working range	m	26				
	最大起重量 Maximum lifting capacity	Kg	2000				
	起升速度 Lifting speed	m/min	13/26				
	变幅速度 Derricking speed	m/min	20/40				
	回转速度 Rotation speed	r/min	0.25/0.8				
	架设时间 Hypothetical time	min	10				
	支腿跨距 Outrigger span	m	4.2X4.2				
行驶参数 Travel parameter	最大拖行速度 Maximum towing speed	Km/h	80/25				
外形尺寸(长x宽x高) Dimensions		m	14.1X2.5X4.15				
液压系统 Hydraulic system	液压系统工作压力 Working pressure of hydraulic system	MPa	28				
电源 Power Supply			380V/50Hz				
起重性能表 Hydraulic system	幅度(m) Range	10	12	15	20	26	
	起重量(kg) Lifting capacity	2000	1600	1300	1000	800	

KZ-3I

快速机动跨越装置

SELF-ERECTING INTELLIGENT ERECTING CRANE BY TOWING DEVICE

优点:

- 架线主臂采用折叠加伸缩机构, 可实现360°全回转、快速跨越架线;
- 高度可任意调节, 满足不同架线工况;
- 拖式行走机构节省成本, 安全可靠视野宽阔, 简单易学;
- 设备到达场地可在10分钟完成架设作业准备。

Advantages:

- The main arm of the overhead line adopts a folding and telescopic mechanism, which can achieve 360° full rotation and fast crossing of the overhead line. The height can be adjusted arbitrarily to meet different overhead working conditions;
- The towed walking mechanism saves costs, is safe, reliable, has a wide field of vision, and is simple and easy to learn;
- The equipment can be ready for installation work within 10 minutes upon arrival at the site.

主要技术参数 / Main technical specifications

类别 Category	项目 Item	单位 Unit	参数 Parameters
动力参数 Power	总功率 Engine rated output	Kw	9.7
行驶参数 Travel	最高拖行速度 Max.towing speed	Kw/h	15
支腿跨距 Outrigger span	横向x纵向 Horizontal x vertical	m	4.2x4.2
托举参数 Supporting parameters	最高托举高度 Max.supporting height	m	31
	最低托举高度 Min.supporting height	m	20
	托举重量 Supporting weight	Kg	1000
	托举宽度 Supporting width	m	6-10
架设机构参数 Erecting device	架设时间 Erecting time	min	10
	折叠时间 Folding time	min	10

SKY-L-30/30

越野起重快速架线机

SELF-ERECTING INTELLIGENT ERECTING CRANE ON MOBILE CRANE CHASSIS

优点:

- 采用越野起重机型, 增加快速架线功能, 实现吊架、快速架线一机多能;
- 四轮驱动: 越野能力强, 适用于泥泞、山路、沼泽等复杂路况, 通过性优;
- 四轮转向: 转弯半径小, 适用于狭窄场地工况;
- 吊重行驶: 可实现带载行驶, 方便货物运输;
- 设备到达场地可在10分钟完成架设作业准备;
- 架线主臂采用伸缩臂结构, 360°全回转, 可随意调整架设角度, 满足各种工况要求。

Advantages:

- Adopting a prototype of an off-road crane, adding the function of fast wiring, achieving multiple functions for lifting and fast wiring with one machine;
- Four wheel drive: Strong off-road capability, suitable for complex road conditions such as mud, mountain roads, swamps, etc., with excellent passability;
- Four wheel steering: small turning radius, suitable for narrow site conditions;
- Crane driving: It can achieve loaded driving and facilitate the transportation of goods;
- The equipment can be ready for installation work within 10 minutes upon arrival at the site;
- The main arm of the overhead line adopts a telescopic arm structure, with a 360° full rotation, and the installation angle can be adjusted freely to meet various working conditions.



主要技术参数 / Main technical specifications

类别 Category	项目 Item	单位 Unit	参数 Parameters
动力参数 Power	发动机额定功率 Engine rated output	Kw/(r/min)	169/2500
行驶参数 Travel	行驶速度 Travel speed	Max. travel speed Km/h	40
主要性能参数 Lifting performance	最大额定总起重重量 Max. total rated lifting load	t	30
	支腿距离 Outrigger span	纵向 Longitudinal	6.4
		横向 Lateral	6.5
	起升高度 Lifting height	基本臂 Boom	9.18
		最长主臂 Fully extended boom	27.78
	托举参数 Supporting parameters	托举高度 Supporting height	30
		托举宽度 Supporting width	6
		托举重量 Supporting weight	7000