

## 知名案例 References

九华山风景区	Jiuhua Mountain Scenic Area	X15
北京百度	Baidu Headquarter	X18
瑞安地产重庆天地	Shui On Land Chongqing World	X43
韶山毛泽东广场	Mao Zedong Square, Shaoshan	T23
三峡电力	Three Gorges Power	T23
武汉国际博览中心	Wuhan International Expo Center	T23
武汉市民之家	Wuhan City Hall	T36
南京香格里拉酒店	Nanjing Shangrila Hotel	T36
天津铁路枢纽	Tianjin Railway Station	R36, R48



建筑 Building    军工 Defense    电力 Power    铁路 Railway  
 航空 Aviation    市政 Municipal    园林 Tree Care    交通 Traffic

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**河南德华重工起重设备有限公司**  
 HENAN DOWELL CRANE CO.,LTD

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河南德华重工起重设备有限公司创立于2005年，是一家集研发、生产和销售于一体的高空作业平台生产企业。公司主营5-53米的高空作业平台，产品包括橡胶履带式蜘蛛车、轮式蜘蛛车、牵引式作业平台、剪叉车、自行轮式以及迷你履带吊。公司所有产品均符合EN280标准及国内标准。公司拥有多项技术专利，蜘蛛车技术国内领先。高曼重工通过创新的设计理念、可靠的产品质量以及精湛的技术服务，在国内外市场赢得了优良的口碑。

在追求产品品质的同时，公司秉承环保理念，大力推进绿色生产工艺，为保护地球环境贡献一份力量。德华重工以“成为世界级的工程机械企业”为愿景，以人为本，不断创新，致力于提供满足市场需求的优质产品和服务。我们期待与您一起成长，共谱新的篇章。

Henan Dowell Crane Co.,Ltd was founded in 2005, a company devoting itself in designing, manufacturing and marketing aerial work platforms. Gomanlift is a leading manufacturer of aerial work platforms ranging from 5m to 53m, including spider lifts, wheeled spider lifts, trailer mounted work platforms, scissor lifts, boom lifts and mini cranes. All the products meet the requirement of EN280 and Chinese Standards. Our experienced technical support, innovative design and reliable quality earn good reputation at both domestic and overseas market in access sector. Gomanlift pursuits not only the ingenuity and excellence of products, but also the environment protection. We are promoting the green production technology for less carbon emissions. To be a respected equipment manufacturer in the world, Dowell will continue to innovate and improve product quality to meet our customers' need. We are expecting to grow with you in the new era.



公司资质

Certification



产品分类

Catagory

蜘蛛车 Spider lift

橡胶履带自行式平台-曲臂式 Crawler mounted platform-Articulated  
型号 Model: X15, X16, X18, X19, X21, X23, X24, X30, X36, X43, X51

橡胶履带自行式平台-直臂式 Crawler mounted platform-Telescopic  
型号 Model: T23, T26, T30, T36, T43, T48, T53

轮式作业平台 Wheeled spider lift  
型号 Model: R23, R26, R30, R32, R36, R43, R48

牵引式平台 Trailer mounted work platform  
型号 Model: P12, P15, P16, P18, P19, P21, P23

剪叉式平台 Scissor lift

液压驱动和电马达驱动 Hydraulic & Electric versions  
型号 Model: S05, S06, S08N, S08, S10, S12, S14

自行轮式 Boom lift

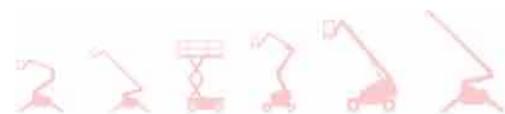
曲臂式 Articulated  
型号 Model: BA16, BA18, BA20, BA24, BA32, BA48, BA50

直臂式 Telescopic

型号 Model: B16, B18, B20, B24, B26, B28, B30, B32, B34H

迷你履带吊 Mini crane

型号 Model: M03, M05, M10



客户服务

Customer Service

客户服务对机械行业至关重要。我们不仅提供优质产品，更提供制造级的技术服务，给客户具备的高空作业解决方案。Service is of highest significance for machinery. We serve our customers with not only good products but also manufacturer's expertise inside complete access solution.

技术支持 Technical Support

我们的客服团队随时准备为您解决技术问题，不论问题大小。我们有专业的技术人员为您解答问题，并提供个性化方案。Our customer service group will always be ready for any of your technical questions, either before or after sale. Our well trained technicians are always available and are ready to solve your problem over the phone.

培训 Training

培训是我们客户服务的一部分。我们有理论培训和操作指导，确保客户正确使用设备。Training is a part of our service to our customers. We have detailed theoretical training and practical guidance for you, ensuring you proper use of the machine.

维修与巡检 Maintenance & Inspection

为保证机器正常运转，定期检测每一台机器十分必要。我们提供定期巡检服务可以减少机器故障，让设备处于最佳状态。To make sure an aerial work platform function perfectly, it is important to check each mechanical and electrical component periodically. Regular maintenance and inspection can reduce machine outage and keep it in optimal state.



现场服务 On-site Service

如技术问题不能通过电话解决，我们的技术人员会最快到达工作现场为您提供快速专业的服务。If a technical problem can not be solved over the phone, our service team is ready to provide quick and professional support at your site.

可靠的零部件 Reliable Spare Parts

我们采用的零部件都是来自欧洲和北美的知名品牌，以确保机器的每一个零部件都能达到最佳契合度，让客户满意。We adopt spare parts in famous European and North American brands in order to obtain the optimal performance, thus capturing customer's satisfaction.



# 橡胶履带自行式平台 Crawler Mounted Platform - Spider Lift



## 曲臂式-Articulated

型号 Model: X15 X16 X18 X19 X21 X23 X24 X30 X36 X43 X51

(双伸缩曲臂式 Double telescopic 型号 Model: X24 X30 X36 X43 X51)



北京百度 X18  
Baidu, Beijing X18



西安鼓楼 X18  
Drum Tower, Xi'an X18



重庆天地 X43  
Shui On, Chongqing X43



### 产品优点

### Advantages

#### 结构紧凑, 能跨越作业

#### Compact design for up-and-over application

结构设计紧凑, 整机重量轻便, 能出入门厅, 可自由在室内或室外作业, 能行驶工作于各种地面, 并能跨越作业。

The compact design and light weight allow the lifts to go through standard doors, to work indoors and outdoors, as well as in most tender and rigid ground, suitable for up-and-over application.



#### 多种动能选择

#### Multi power sources

可供选择的动力有汽油发动机/柴油发动机, (锂) 电池和直插电源。

Gasoline engine/diesel Engine, (Lithium) battery packs or electric mains are available according to models.



#### 双伸缩臂设计 (≥24m)

#### Double telescopic boom (≥24m)

双伸缩臂更小巧, 内装在双伸缩臂架内的管线能够避免来自外部的损伤, 双伸缩臂架更能体现曲臂的优势。

Double telescopic booms make better shape, cables and hoses inside the boom section are well protected from damage, deformation and dirt; double telescopic booms can always meet the requirements in confined place.



#### 有/无线遥控

#### Cable/Radio remote control

标配的遥控可保证操作的安全性和简易性。此外, 显示屏能够全面直观的提供所有重要的信息。

The cable/radio remote control is a standard configuration, which allows safe and easy operation. A display offers a intuitive and complete overview of all important information.



#### 称重传感器

#### Load cell

使设备更安全地工作。当负荷超重时, 设备自动停止工作。

With load cell, in case of overloading, the equipment stops running automatically for the safety of operators.

#### 自动调平 & 自动找错

#### Auto stabilizer leveling & Auto fault display

自动调平系统可使机器在各种地面地表找平。双电脑控制, 自动找错。

Easy to set up on every terrain with the automatic leveling stabilizer system. Double CPU for redundant control.



#### 可升降履带 (可选)

#### Adjustable crawlers (optional)

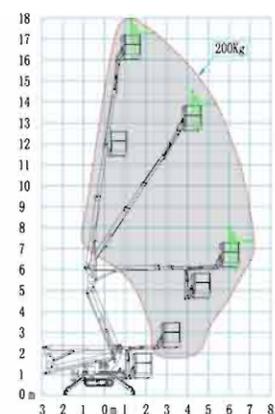
可伸缩履带增加了设备的接近角和离去角, 更适用于多种应用场合。

Adjustable crawlers can enlarge the approach and departure angle, ideal for most complicated conditions.

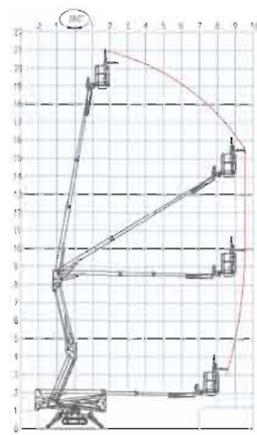




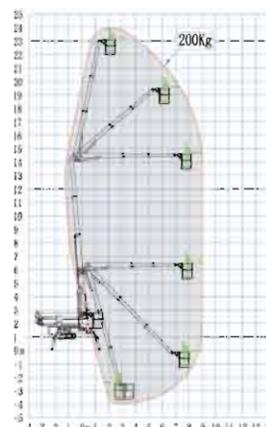
## 工作范围 Working range



X18 工作范围  
(Working Range of X18)



X21 工作范围  
(Working Range of X21)



X24 工作范围  
(Working Range of X24)



印度工厂 X18  
India X18



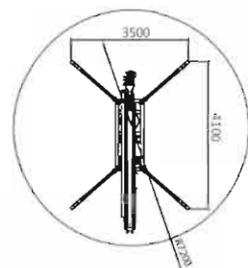
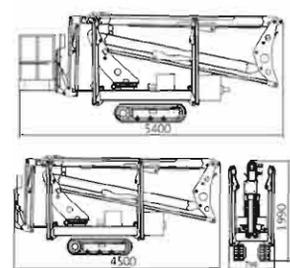
印度机场 X24  
India X24



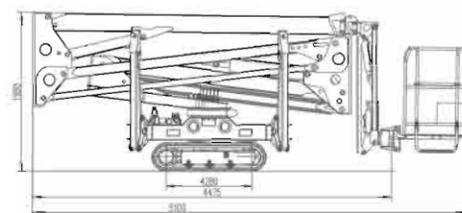
中国工厂 X36  
China X36



中国电网 X51  
China Power Grid X51



X18 尺寸图 (Dimension of X18)



X21 尺寸图 (Dimension of X21)

## 产品参数 Data sheet

Model 型号	X15	X18	X21	X24	X30	X36	X43	X51
Max.working height 最大作业高度	15m	18m	21m	24m	30m	35.5m	43m	51m
Max.platform height 最大平台高度	13m	16m	19m	22m	28m	33.5m	41m	49m
Loading capacity 承载能力	200kg							
Lateral outreach at 200kg 水平作业半径200kg	6.2m	7.2m	9m	11m	12.5m	14m	15m	17m
180° Rotation of work cage 180°工作斗旋转	Option 可选				Standard	Standard	Standard	Standard
Rotation of top boom 小臂旋转角度	120°	120°	180°	180°	180°	180°	180°	180°
Turntable rotation 转台旋转	360°non continuous							
Size of platform 工作平台尺寸	0.9x0.8x1.1m		1.2x0.8x1.1m		1.2x0.8x1.1m		1.2x0.8x1.1m	
Overall stowed length 收藏长度	5.16m	5.40m	5.10m	4.90m	6m	8.47m	8.50m	8.90m
Overall stowed width 收藏宽度	0.92m	0.79m	1.00m	0.8/1.2m	1.59m	1.59m	1.59m	1.59m
Overall stowed height 收藏高度	1.99m	1.99m	2.05m	1.99m				
Driving speed 行驶速度	0-1.5km/h	0-2.2km/h	0-2.5km/h	0-2.2km/h				
Working slope 工作坡度	20%							
Max. climbing ability 最大爬坡度	30%							
Total weight 总重量	1900kg	2200kg	2850kg	3160kg	6500kg	7220kg	13500kg	14500kg
Power 功率	7.5kw	7.5kw	10kw	14.9kw	15kw	18kw	44kw	44kw
Electric motor 电动机	220V/2.2kw				380V/7.5kw 380V/7.5kw 380V/7.5kw 380V/7.5kw			
Combustion engine 发动机	Gasoline engine 汽油机				Diesel engine 柴油机			
Adjustable crawlers 伸缩履带	Option 可选				Standard 标准			

## 产品性能 Features

- ▶ 设计紧凑, 用途广泛 Compact design; various working application
- ▶ 自找平功能 Auto-leveling outriggers(above 21m, below 21m as option)
- ▶ 有/无线遥控 Cable/Radio remote control for all movement
- ▶ 转台操控面板可单独遥控 Terret operation panel is available
- ▶ 整车重力分布均匀, 对地面压力小 Low ground pressure due to optimal weight dispersal
- ▶ 臂和支腿液压互锁 Arm and outrigger interlock hydraulically
- ▶ 359°非连续转盘旋转 359°non continuous turntable rotation
- ▶ 双动力驱动: 市电和燃油发动机 Dual power sources: AC220V and combustion engine
- ▶ 管线内置于臂架内 Cables and hoses inside the boom
- ▶ 通过ISO9001质量体系认证和CE认证 With ISO 9001 and CE approval

### 选配 Options

- ▶ (锂) 电池 (Lithium) battery
- ▶ 360°连续转盘旋转 360°continuous rotation
- ▶ 支腿踏板 Outrigger overplates
- ▶ 支腿油缸盖 Outrigger cylinder rod cover
- ▶ 行走报警 Travel alarm
- ▶ 可拆卸工作斗 Detachable basket
- ▶ 无痕履带 Non-marking crawlers
- ▶ 闪灯 Flash light
- ▶ 超声波防撞报警 Ultrasonic anti-collision
- ▶ 水气喉 Air-water outlet in basket
- ▶ 一键回位 One button positioning



# 橡胶履带自行式平台 Crawler Mounted Platform - Spider Lift



## 直臂式-Telescopic

型号 Model: T23 T26 T30 T36 T43 T48 T53



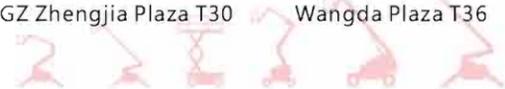
武汉市民之家 T36  
Wuhan City Hall T36



广州正佳广场 T30  
GZ Zhengjia Plaza T30



万达广场 T36  
Wangda Plaza T36



### 产品优点

### Advantages

#### 结构紧凑，对地压强小

#### Compact design & Low pressure

结构设计紧凑，履带对地压强小，能出入厅，可自由在室内或室外作业，能行驶工作于各种地面。

The compact & simple design, rubber crawlers which feature low pressure to ground, facilitate the lifts to go through standard doors, to work indoors and outdoors in most tender and rigid ground.



#### 伸缩主臂加小臂，工作效率更高

#### Telescopic boom plus jib makes work easy

#### 管线内置

#### Hoses and cables inside boom

装置在高强度钢板臂架内的管线能够避免来自外部的损伤，管线变形，尘土污染和各种天气状况的影响，全方位保证整机的整洁和作业时的安全性。

The high tensile steel boom protects all cables and hoses from damage, deformation, dirt and bad influence of different weather conditions.



#### 无线遥控

#### Radio remote control

标配的无线遥控，可操作所有动作，保证安全性和简易性。此外，显示屏能够全面直观的提供所有重要的信息。

The radio control allows safe and easy operation on all movements. A display offers an intuitive and complete overview of all important information.



#### 称重传感器

#### Load cell

使设备更安全地工作。当负荷超重时，设备自动停止工作。

With load cell, in case of overloading, the equipment stops running automatically to protect safety of operators.



#### 自动调平 & 自动找错

#### Auto stabilizer leveling & fault display

自动调平系统可使机器在各种地面地表找平。双电脑控制，自动找错。

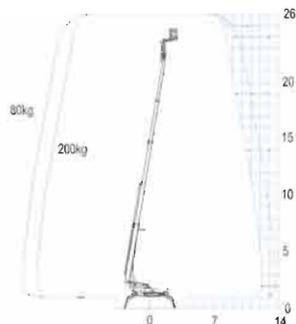
Easy to set up on every terrain with the automatic leveling stabilizer system. Double CPU for redundant control.



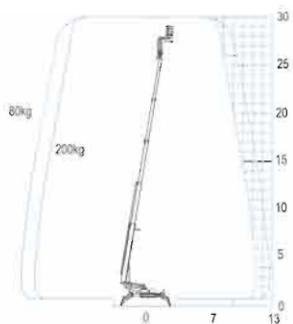
## 工作范围 Working range



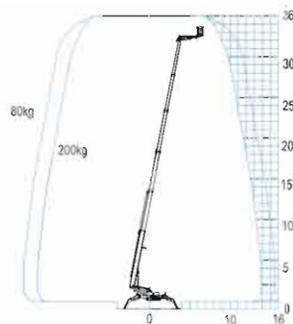
T23 工作范围  
T23 Working Range



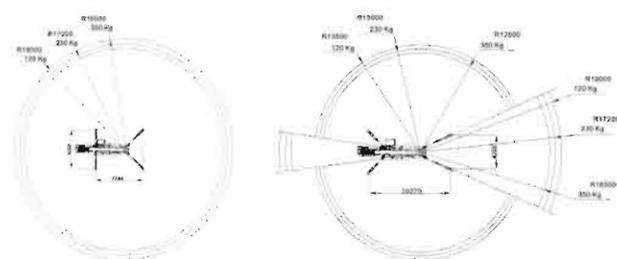
T26 工作范围  
T26 Working Range



T30 工作范围  
T30 Working Range



T36 工作范围  
T36 Working Range

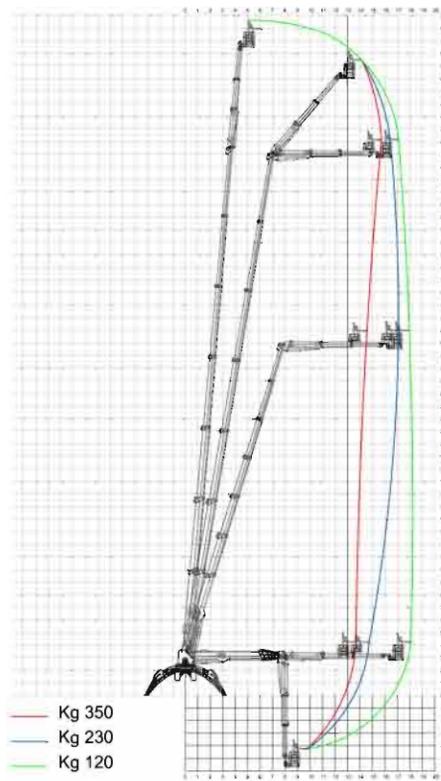


## 产品性能 Features

- ▶ 工作斗静压调平, 更舒适 Hydraul-static leveling basket
- ▶ 工作斗启停发动机 Start/stop the engine from basket
- ▶ 工作斗带230V插座 230V outlet in basket
- ▶ 所有油缸等执行元件均带关断阀, 即使油管断裂也保安全  
Flanged safety valves on all cylinders and motors to prevent hoses collapsing
- ▶ 工作斗和转台均带急停按钮  
Emergency buttons in basket and turret
- ▶ 工作斗和底盘带倾角传感器  
Basket and chassis are featured with inclination sensors
- ▶ 工作半径自动控制并有极限报警  
Outreach automatic control with limit alarm
- ▶ 双动力驱动: 电动机和柴油发动机, (锂) 电池可选  
Dual power sources: Electric motor and diesel engine, (Lithium) battery is optional
- ▶ 应急下降系统 Emergency lowering
- ▶ 小臂和工作斗均可180°度旋转 Jib and basket 180° rotation
- ▶ 自动找平 Automatic leveling
- ▶ 支腿宽窄可调节 Outriggers wide/narrow positioning

### 选配 Options

- ▶ 超声波防撞报警 Ultrasonic anti-collision
- ▶ 一键收车 One button positioning
- ▶ 无痕履带 Non-marking crawlers
- ▶ (锂) 电池 (Lithium) battery
- ▶ 装车伸缩支腿 Telescopic outrigger for loading
- ▶ GPS远程定位 GPS communication
- ▶ 可拆卸工作斗 Detachable basket



T53 工作范围  
T53 Working Range



酒店 T23  
Hotel T23



商场 T26  
Shopping Mall T26



火车站 T30  
Railway Station T30

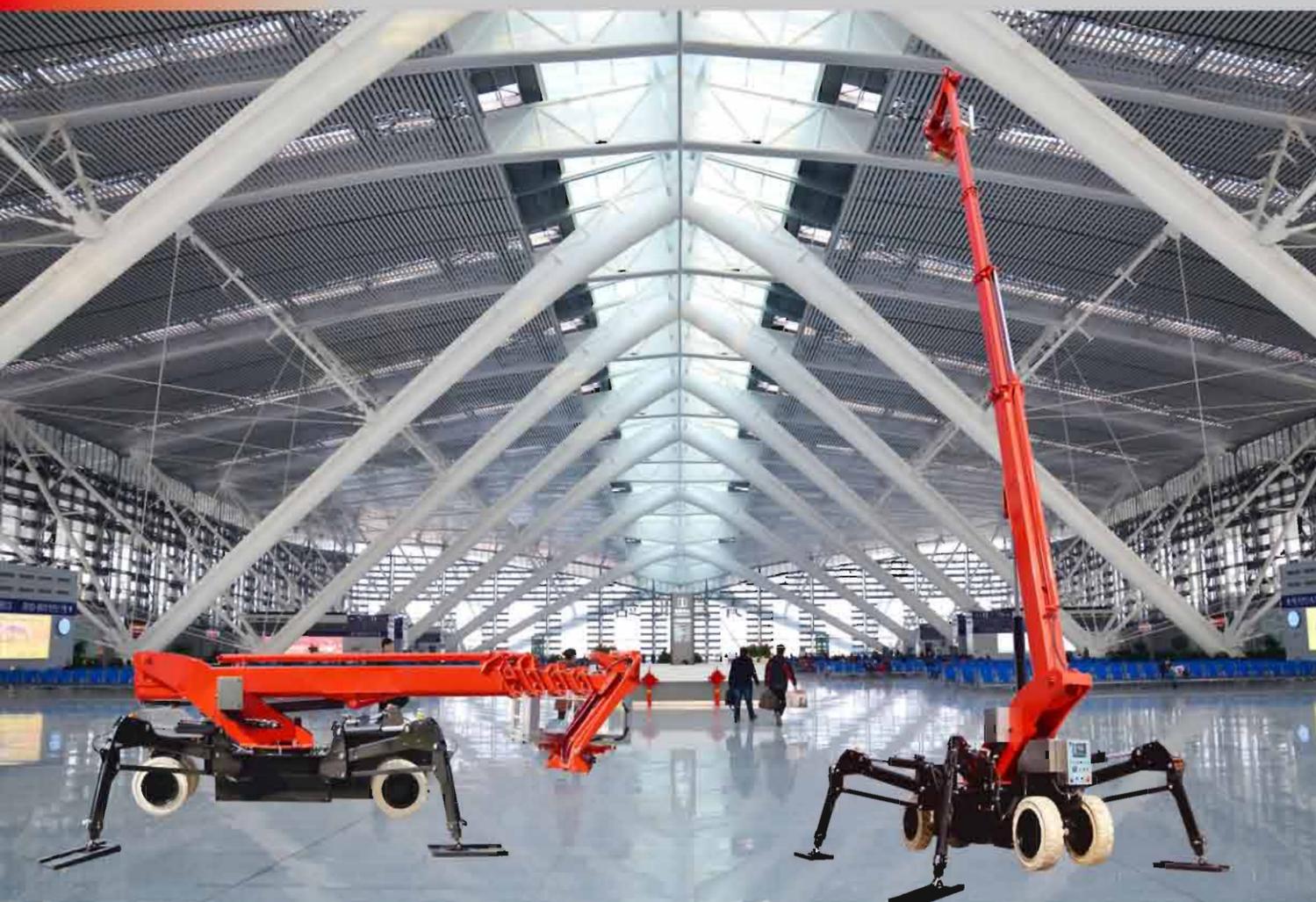


建筑外墙 T36  
Building Facade T36

## 产品参数 Data sheet

Model 型号	T23	T26	T30	T36	T43	T48	T53
Max. working height 最大作业高度	23m	26m	30m	36.8m	43m	48m	53.3m
Max. platform height 最大平台高度	21m	24m	28m	34.8m	41m	46m	51.3m
Loading capacity 承载能力	200kg	200kg	200kg	200kg	200kg	200kg	350kg
Lateral outreach at 200kg 200kg水平作业半径	10m	12m	12m	14m	15m	16m	16.5m
Rotation of work cage 工作斗旋转度	180°						
Rotation of top boom 小臂旋转角度	180°						
Turntable rotation 转台旋转	360° non continuous						
Size of platform 工作平台尺寸	1.2×0.8×1.1 m						
Overall stowed length 收藏长度	6.5m	6.6m	7.7m	8.47m	8.55m	8.65m	8.71m
Overall stowed width 收藏宽度	1.4m(fixed chassis)/1.58m(adjustable chassis-optional)						
Overall stowed height 收藏高度	2.25m(fixed chassis)/1.99m(adjustable chassis-optional)						
Driving speed 行驶速度	0-2.2km/h						
Working slope 工作坡度	30%						
Max. climbing ability 最大爬坡度	30%						
Total weight 总重量	3700kg	4350kg	4700kg	5900kg	11000kg	13800kg	14500kg
Electric motor 电动机	220V/2.2kw						
Standard power source(Diesel-Kubota) 双标准动力(柴油-久保田)	12.5kw Diesel engine 12.5kw 柴油机		18.5kw Diesel engine 18.5kw 柴油机		44kw Diesel engine 44kw 柴油机		
Adjustable crawler 伸缩履带	Option 可选						Standard 标准





## 产品性能

## Features

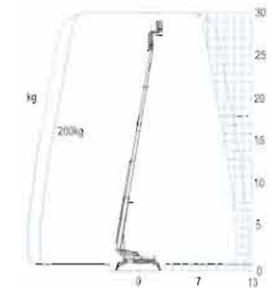
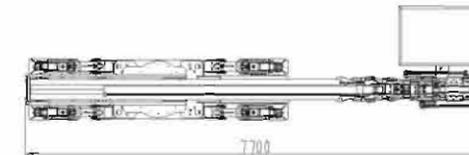
- ▶ 设计紧凑适用于室内应用  
Compact design for indoor use
- ▶ 双动力驱动：电动机和发动机  
Dual power sources: Electric motor and combustion engine
- ▶ 应急下降系统 Emergency lowering
- ▶ 工作斗可180°度旋转 Basket 180° rotation

### 选配 Options

- ▶ 超声波防撞报警 Ultrasonic anti-collision
- ▶ 无痕轮胎 Non-marking wheels
- ▶ 闪光灯 Flash light
- ▶ (锂) 电池 (Lithium) battery
- ▶ 行走报警 Travel alarm
- ▶ 水气喉 Air-water outlet in basket
- ▶ 支腿踏板 Outrigger overplates
- ▶ 一键回位 One button positioning

## 工作范围

## Working range



R30 工作范围  
R30 Working Range

## 产品参数

## Data sheet

Model 型号	R23	R26	R30	R36	R43	R48
Max.working height 最大作业高度	23m	26m	30m	36m	42.5m	48m
Max.platform height 最大平台高度	21m	24m	28m	34m	40.5m	46m
Loading capacity 承载能力	200kg					
Lateral outreach at 200kg 水平作业半径(200kg)	10m	12m	12m	14.3m	15m	18m
Rotation of work cage 工作斗旋转度	180°					
Rotation of top boom 小臂旋转	180°					
Turntable rotation 转台旋转	360°non continuous					
Size of platform 工作平台尺寸	1.2×0.8×1.1m	1.2×0.8×1.1m	1.2×0.8×1.1m	1.2×0.8×1.1m	1.8×0.8×1.1m	1.8×0.8×1.1m
Overall stowed length 收藏长度	6.50m	6.80m	7.70m	8.47m	8.50m	8.50m
Overall stowed width 收藏宽度	0.92m	0.92m	0.92m	0.92m	1.50m	1.50m
Overall stowed height 收藏高度	2m	2m	2m	2m	2.3m	2.3m
Driving speed 行驶速度	0-1.5km/h	0-1.5km/h	0-1.5km/h	0-1.5km/h	0-2km/h	0-2km/h
Working slope 工作坡度	20%					
Max. climbing ability 最大爬坡度	30%					
Total weight 总重量	4320kg	5950kg	6390kg	7380kg	11200kg	13950kg
Standard power source 标准动力	Electric motor+Diesel engine(Kubota) 电动机+柴油机 (久保田)					

## 轮式-Wheeled

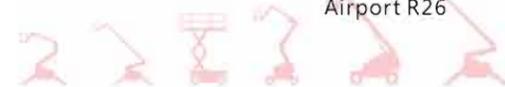
型号 Model: R23 R26 R30 R32 R36 R43 R48



火车站 R36  
Railway Station R36



机场 R26  
Airport R26





电力 P23  
Power Grid P23

## 产品参数 Data sheet

Model 型号	P12	P15	P16	P18	P23
Max.working height 最大作业高度	12m	15m	15.8m	18m	23m
Max.platform height 最大平台高度	10m	13m	13.8m	16m	21m
Loading capacity 承载能力	200kg	200kg	200kg	200kg	200kg
Lateral outreach at 200kg 200kg水平作业半径	4.5m	6.2m	6.6m	7.2m	9.3m
Rotation of work cage 工作斗旋转	/	/	/	/	180°
Jib range 变幅角度	/	120°	120°	120°	180°
Turttable rotation 转台旋转	359°	359°	359°	355°	359°
Size of platform 工作平台尺寸	0.9×0.8×1.1 m	0.9×0.8×1.1 m	0.9×0.8×1.1 m	0.9×0.8×1.1 m	0.9×0.8×1.1 m
Overall stowed length 收车长度	5.85m	5.6m	5.8m	5.8m	8.2m
Overall stowed width 收车宽度	1.7m	1.62m	1.6m	1.5m	1.7m
Overall stowed height 收车高度	2.26m	2.1m	2.1m	2.2m	2.4m
Total weight 总重量	1180kg	1800kg	2000kg	2195kg	3500kg
Outrigger footprint 支腿伸展范围	3.80m*2.95m	4.23m*3.57m	4.2m*3.1m	4.1m*3.5m	4.8m*5m
Travelling speed 牵引速度			80km/h		
Working slope 工作坡度	20%	20%	20%	20%	20%
Power source 动力	Standard: 220V AC power 标准: 220V 交流电			Option 1: Battery (Trojan 260AH x 4pcs) 可选1: 电池 (Trojan 260AH x 4块)	
				Option 2: Combustion engine 可选2: 发动机	
				Standard: Diesel engine + 220V AC power 标准: 柴油机+220V 交流电	

## 牵引式-Trailer mounted

型号 Model: P12 P15 P16 P18 P23



工厂 P16  
Factory P16



幼儿园 P18  
Kindergarten P18



宿舍 P23  
Dormitory P23





## 液压驱动式-Hydraulic

型号 Model: S05 S06 S08N S08 S10 S12 S14

电马达驱动可选-Electric versions are optional



餐厅 S05  
Restaurant S05



工厂 S12  
Factory S12



## 产品性能

## Features

### 安静便利

采用蓄电池作为动力源，工作时噪音低，无排放，适用于车间，仓库，酒店等室内场合。

### Quite and Convenient

The scissor lift is powered by volume battery with low noise and no emission when working. Thus it can be used in indoor occasions such as workshops, warehouses, hotels, etc.

### 机动灵活

转向轮可90°原地转向，可以选择高低速行走，狭小空间也可以使用。

### Flexible

The steering wheel can make a 90° turn and travel both high and low speeds, and even in small space.

### 结构紧凑

结构十分紧凑，工作栏能折叠，能通过较小的门洞并能在狭小的空间内作业。

### Compact Structure

The scissor lift is of compact design. Its working guardrails can be folded, which enables it go through small openings.

### 工作面大

工作台可单面延伸（电动型），增大了工作面。

### Larger Working Space

The platform can extend on one side, which can enlarge the working space.

### 可折叠栏杆

工作台栏杆可折叠或者拆卸，降低整机的高度，便于运输及通过门洞等地方。

### Foldable Guardrails

The guardrails of platform are foldable or dismantable, and reducing the height of the overall machine, which facilitates the transportation and passing small openings.

### 多样选择性

行走系统有液压马达与电机供选择。颜色可根据用户喜好确定。

### Diversified Choices

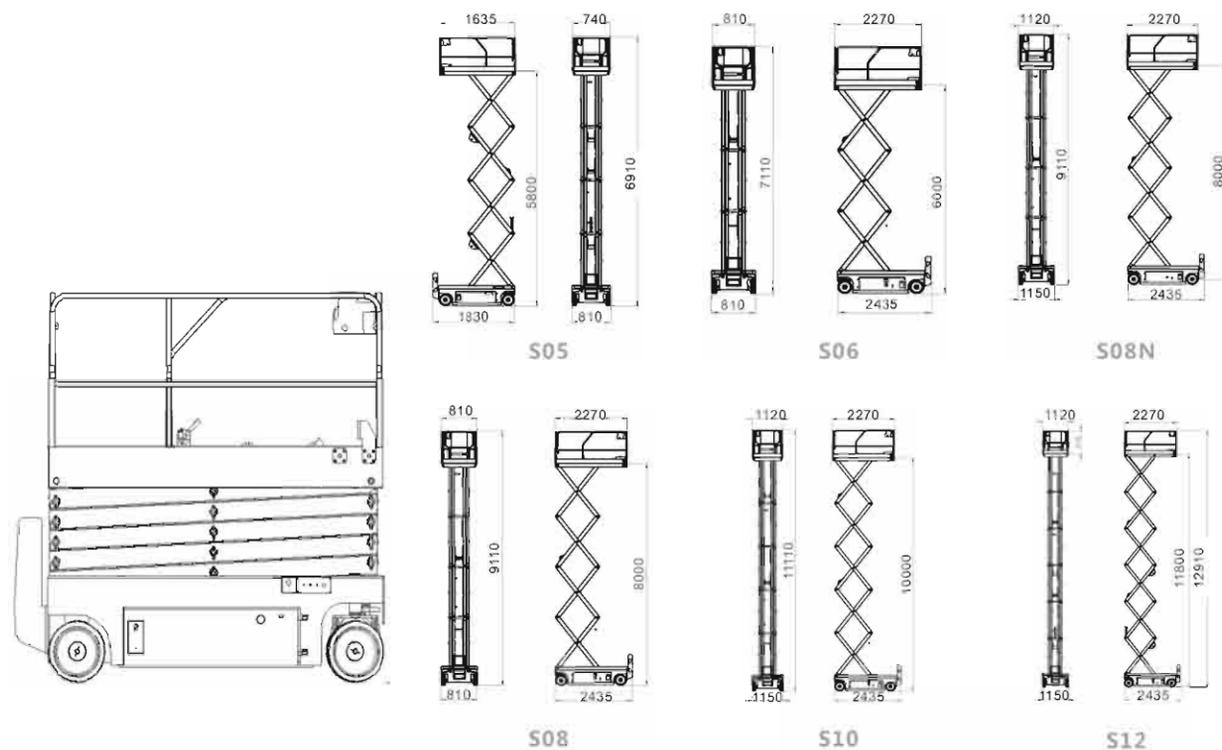
Two choices of hydraulic motor and electric motor are available in the drive system. The color can be tailor made.





## 尺寸图

## Dimension



## 标准配置

## Configuration

2轮液压驱动	2-wheel hydraulic motor drive
2轮转向	2-wheel steering
高/低速行走	High/low travel speed
全比例控制	Full proportional control
倾斜传感及报警	Tilt sensor and alarm
坑洞保护装置	Pothole protection
下降警报	Descend alarm
应急下降系统	Emergency descend system
工作台延伸	Extension deck
工作台防撞保护	Dust-proof protection
实心轮胎	Solid tire
频闪灯	Flash light
喇叭	Horn
称重装置	Weighing system



## 产品参数

## Data sheet

Model 型号	S05	S06	S08N	S08	S10	S12	S14
Max.working height 最大作业高度	7.8m	8m	10m	10m	12m	13.8m	15.8m
Max.platform height 最大平台高度	5.8m	6m	8m	8m	10m	11.8m	13.8m
Loading capacity 承载能力	230kg	380kg	230kg	450kg	320kg	230kg	230kg
Extend platform safe working load 延伸平台安全工作重量	113kg	113kg	113kg	113kg	113kg	113kg	113kg
Size of platform 工作台尺寸	2.27×0.81m	2.27×0.81m	2.27×0.81m	2.27×1.12m	2.27×1.12m	2.27×1.12m	2.27×1.12m
Platform extension size 工作台延伸尺寸	0.90×0.81m	0.90×0.81m	0.90×0.81m	0.90×1.12m	0.90×1.12m	0.90×1.12m	0.90×1.12m
Overall stowed height(lift) 收藏高度(升起)	2.10m	2.20m	2.32m	2.32m	2.44m	2.58m	2.78m
Overall stowed height(lower) 收藏高度(收缩)	1.79m	1.87m	1.89m	1.78m	1.92m	2.04m	2.14m
Overall stowed length 收藏长度	1.83m	2.435m	2.435m	2.435m	2.435m	2.435m	2.435m
Overall stowed width 收藏宽度		0.81m		1.15m	1.15m	1.15m	1.15m
Power 功率				24V/3.3kw			
Driving speed-Eleveted 行驶速度-升起				3.5km/h			
Driving speed -Lowered 行驶速度-收缩				0.8km/H			
Lift/Descend time 上升/下降时长	24/54sec		28/40sec	28/38sec	45/36sec		84/38sec
Max climbing ability 最大爬坡能力				25%			
Battery 电池				4×6V/225Ah		4×6V/240Ah	
Maximum slope 最大坡度(欧标CE/美标ANSI)				15°/3°, 2°/3°			
Wheel size 轮胎尺寸	φ305mm×100mm			φ381mm×127mm			
Total weight 总重量	1480kg	1970kg	2015kg	2240kg	2620kg	2888kg	3300kg





## 曲臂式-Articulated

型号 Model: BA16 BA18 BA20 BA24 BA32 BA48 BA50



### 产品性能

### Features

#### 跨越功能

曲臂型提供向上，向外和跨为的多方位定位功能，让您能够以多种方式到达您想去的地方。

#### Functions of Positioning Up & Over

The articulating boom machine offers multi-faceted functions of positioning up and over, so that you can reach whatever place you want to go.

#### 安全便捷

双CPU控制，标准称重装置、超载保护、平台幅度和高度自动检测装置、自动控制臂架动作速度和行走速度、高精度的称重装置等措施，全方位保证作业时的安全性和平稳性。

#### Safety and Convenience

Redundant CPU control, overload protection, automatic control on outreach as well as the boom and travelling speed, ensure the safety and simplicity of operation.

#### 不锈钢控制箱

全比例控制手柄以及CAN总线与PLC控制系统，操控简单，定位精度高。不锈钢的控制箱带密封箱盖并配置箱罩，避免电气元件受潮和防止焊渣的损坏。

#### Control Box

Full proportion joysticks and CAN bus as well as PLC control system with high positioning accuracy are easy to be controlled. The stainless steel control box with sealing cover and box cap which can help prevent the electrical components for moisture and prevent the damage from welding slag.

#### 应急下降系统

发动机和油泵故障时保证臂架缩回下降。

#### Emergency Lowering System

It guarantees that the boom can retract and descend in case of failure of the engine and oil pump.

#### 旋转工作斗

标准配置的摆动缸使工作斗的旋转范围达到 $\pm 80^\circ$ ，使您的工作变得更灵活。

#### Rotary Platform

The rotary actuator enables the platform to swivel  $\pm 80^\circ$ , which makes your work more flexible.

#### 闭式行走系统

采用电比例变量泵与液控变量马达及流量分配阀组成的闭式行走系统，能满足较高的行走速度及较低的稳定工作移动速度，效率高，发热低。

#### Travelling System

The closed circuit hydraulic travelling system consisting of electro-proportional variable pump, hydraulic control variable motor and flow distribution valve can gain relatively high drive speed and relatively low and stable move speed. The system works efficiently and generates less heat.

#### 电驱式结构尺寸更小

电动型采用交流马达驱动，更有效率；更小的宽度和高度，更适于室内作业。

#### Smaller Structure Size for AC Motor Driving

The electric versions of articulated boom lift is driven by AC motor with higher efficiency, as well as smaller width and height, which is more suitable for indoor work.

#### 结构紧凑（电动型）

结构十分紧凑，能通过较小的门洞并能在狭小的空间作业。

#### Compact Structure (electric version)

Compact design can go through small openings and operate in small space.

#### 欧美品牌部件

电瓶，行走电机及控制器，减速机等关键件为欧美知名品牌。

#### Components of European & American Brands

The key components such as battery, travelling electric motor, controller, and gear reducer shall adopt famous European & American brands.

#### 多动力可选

有些型号提供多种动力选项，如柴油发动机、电瓶，市电可用于臂架动作。

#### Multi Power Option

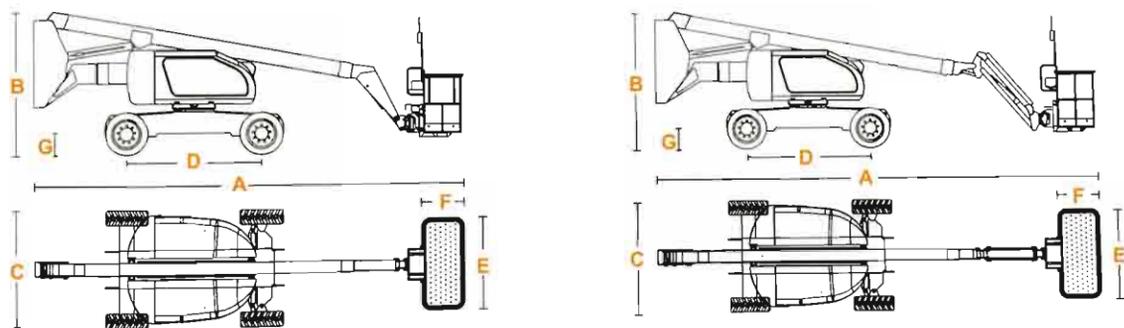
For small models, battery version besides diesel engine is available. AC motor for the boom function is available.





## 尺寸范围

## Dimension



## 标准配置

## Configuration

称重装置	Weighing system
自动调平	Automatic leveling
工作台旋转	Platform rotation
高低速行走	High/low travel speed
全比例控制	Full proportional control
自动幅度限制器	Automatic outreach limitation
地面不平保护系统	Protection system on uneven ground
工作台防碰撞保护(选配)	Anti-collision protection of platform ( optional )
应急下降系统	Emergency descend system
发动机重启保护	Engine restart protection
发动机预热启动	Pre-heating of engine
液压油散热器	Radiator of hydraulic oil
防尘保护	Dust-proof protection
实心轮胎	Solid Tire
频闪灯	Strobe light
喇叭	Horn

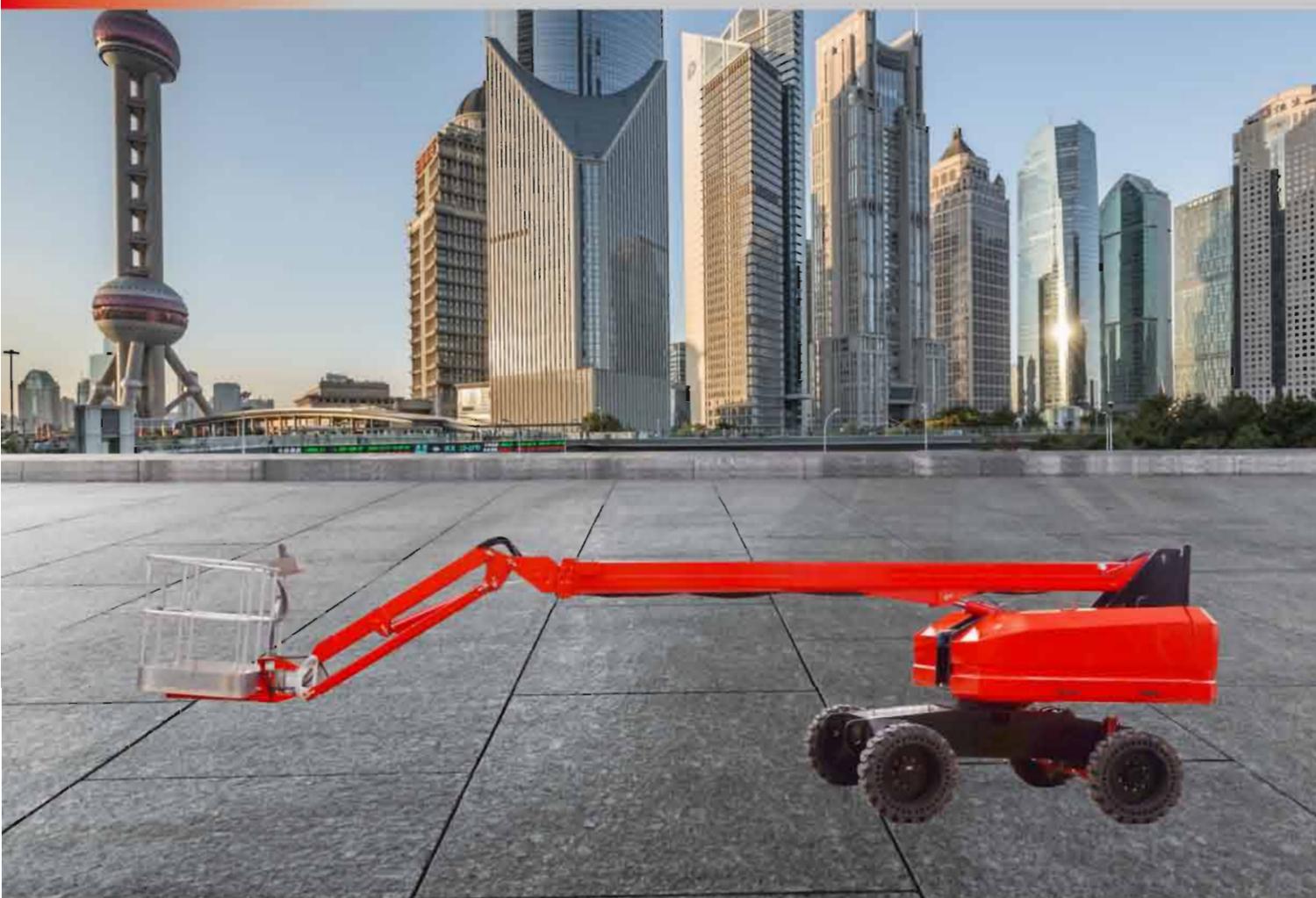
<b>选配</b>	<b>Options</b>
4轮驱动	4-wheel drive
4轮转向	4-wheel steering
带摆动桥	Active oscillation axle
工作台通气	Gas supply in platform
工作台通电	Power supply in platform

## 产品参数

## Data sheet

Model 型号	BA16	BA18	BA20	BA24	BA32	BA48	BA50
最大作业高度 Max.working height	16m	18m	20m	24m	32m	48m	50m
最大平台高度 Max.platform height	14m	16m	18m	22m	30m	46m	48m
最大水平作业半径 Max.working radius	8m	9.5m	10.43m	13.3m	20.2m	24m	26m
承载能力(受限幅度) Lift capacity(restricted)	230kg	230kg	230kg	230kg	200kg	200kg	200kg
最大跨越高度 Max crossing height	7.75m	7.75m	8.5m	8.75m	12.2m	19.2m	20.2m
收藏长度(小臂收起) Length(Jib stowed) A	6.2m	6.8m	8.25m	10.1m	10.06m	11.44m	12.00m
宽度(支腿全缩时) Width(axle retracted) C	2.29m	2.29m	2.35m	2.49m	2.49m	2.49m	2.49m
收藏高度 Height(stowed) B	2.38m	2.38m	2.38m	2.82m	3.165m	3.34m	3.41m
轴距 Wheel base D	2.2m	2.2m	2.6m	2.6m	3.66m	4.0m	4.2m
离地间隙 Ground clearance-center G	430mm	430mm	430mm	430mm	430mm	320mm	320mm
平台尺寸 Platform measurement ExF	1.83×0.76m	1.83×0.76m	1.83×0.76m	1.83×0.76m	2.44×0.91m	1.8×0.8m	1.8×0.8m
内轮转弯半径(支腿全缩时) Turning radius-inside(inside,axle retracted)	3.0m	3.0m	3.0m	3.0m	4.14m	4.4m	4.6m
外轮转弯半径(支腿全缩时) Turning radius-outside(inside,axle retracted)	5.2m	5.2m	5.2m	5.2m	5.85m	6.05m	6.25m
收起状态行走速度 Travel speed(stowed)	6.3km/h	6.3km/h	6.3km/h	6.3km/h	4.4km/h	4.4km/h	4.4km/h
升起或延伸状态行走速度 Travel speed(raised or extended)	1.1km/h	1.1km/h	1.1km/h	1.1km/h	1.1km/h	1.1km/h	1.1km/h
最大爬坡 Gradeability-stowed	30%	30%	30%	30%	30%	30%	30%
实心轮胎规格 Solid tyre	33×12-20	33×12-20	33×12-20	33×12-20	12.00-20	12.00-20	12.00-20
转台回转速度 Swing speed	0~0.8rpm	0~0.8rpm	0~0.8rpm	0~1/3rpm	0~0.8rpm	0~0.8rpm	0~0.8rpm
转台旋转 Turntable swing	360°连续 360° continuous						
平台调平 Platform levelling	自动调平 Automatical levelling						
平台旋转 Platform rotation	±80°	±80°	±80°	±80°	±80°	±80°	±80°
燃油箱容量 Fuel tank capacity	100L	100L	100L	100L	151L	200L	200L
总重量 Total Weight	7577kg	7657kg	7750kg	10000kg	18000kg	29000kg	30000kg
驱动转向型式 Drive&steering type	4×2×2	4×2×2	4×2×2	4×2×2	4×4×4	4×4×4	4×4×4





## 直臂式-Telescopic

型号 Model: B16 B18 B20 B24 B26 B28 B30 B32 B34H



### 产品性能

### Features

#### 承载能力更大

臂架采用高强度钢板制作，具有足够的强度和抗弯变形能力，通过有限元分析和动力学仿真等现代设计手段，满足臂架轻量化设计要求，使平台的工作幅度和承载能力更大。

#### Larger Lift Capacity

The boom is made of high tensile steel and has sufficient strength and capacity of preventing from flexural deformation. By adoption of modern design tools such as finite element analysis and dynamic simulation, the boom meets the lightweight design requirements and has much larger working radius and larger lift capacity.

#### 安全便捷

双CPU控制，标准称重装置、超载保护、平台幅度和高度自动检测装置、自动控制臂架动作速度和行走速度、高精度的称重装置等措施，全方位保证作业时的安全性和平稳性。

#### Safety and Convenience

Standard configuration include weighing devices, overload protection, automatic control of the movement speed of the boom and traveling speed, ensure the safety and simplicity.

#### 不锈钢控制箱

全比例控制手柄以及CAN总线与PLC控制系统，操控简单，定位精度高，让用户随心所欲。不锈钢的控制箱带密封箱盖并配置箱罩，避免电气元件受潮和防止焊渣的损坏。

#### Control Box

Full proportion joysticks and CAN bus as well as PLC control system with high positioning accuracy are easy to be controlled and can be operated by the users at will. The stainless steel control box with sealing cover and box cap which can help prevent the electrical components for moisture and prevent the damage from welding slag.

#### 电气系统

操作按钮形象易懂，防护等级高达IP65。

#### Electrical System

The operating button should be visual and easy-to-understand, protection class should up to IP65.

#### 液压系统

闭式行走系统，调速方便，调速范围大，臂架液压系统为双阀芯回路，安全性更高。液压元件为欧美知名品牌。

#### Hydraulic System

Closed circuit hydraulic travelling system has speed easily to be adjusted, wide speed range, the boom's hydraulic system adopts double valve core circuit, which enhances the safety. The hydraulic components adopt big European and North American brands.

#### 行走系统

采用电比例变量泵与液控变量马达及流量分配阀组成的闭式行走系统，能满足较高的行走速度及较低的稳定工作移动速度，效率高，发热低。

#### Travelling System

The closed circuit hydraulic travelling system consisting of electro-proportional variable pump, hydraulic control variable motor and flow distribution valve can gain relatively high drive speed and relatively low and stable move speed. The system works efficiently and generates less heat.

#### 旋转工作斗

标准配置的摆动缸使工作斗的旋转范围达到 $\pm 80^\circ$ ，使您的工作变得更灵活。

#### Rotary Platform

The rotary actuator enables the platform to swirl  $\pm 80^\circ$ , which makes your work more flexible.

#### 回转间隙可调

回转减速机输出齿轮偏心2.5mm，可调节尺侧间隙，减小臂架自由旋转角度。

#### Adjustable Backlash

The output gear of the slewing gear reducer is 2.5mm from the axis, can adjust the gear side clearance and reduce the free rotation angle of the boom.

#### 脚踏开关

必须踩下脚踏开关才能进行任何操作，防止误操作。

#### Foot Switch

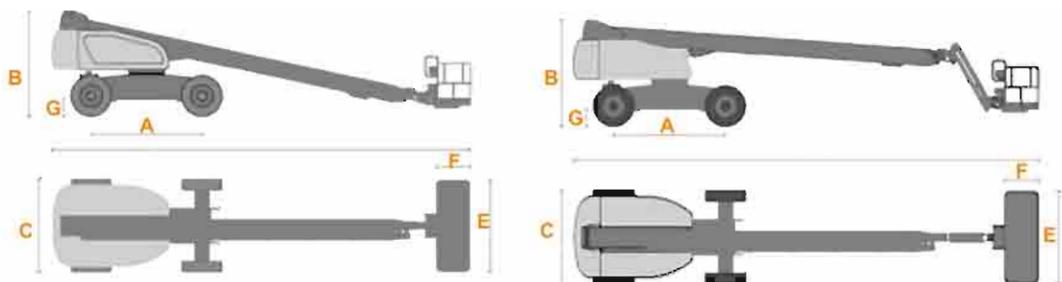
The foot switch must be stepped on before any further operation, to avoid mal-operation.





## 尺寸图

## Dimension



备注：带有“\*”号的型号可加上小臂，工作高度可增加2米。

Remark: Jib is available in the models marked with “\*”; then the work height increases by 2 meters.

## 标准配置

## Configuration

称重装置	Weighing system
自动调平	Automatic leveling
工作台旋转	Platform rotation
高低速行走	High/low travel speed
全比例控制	Full proportional control
自动幅度限制器	Automatic amplitude limiter
地面不平保护系统	Protection system on uneven ground
工作台防撞保护	Anti-collision protection of platform
应急下降系统	Emergency descend system
发动机重启保护	Engine restart protection
发动机预热启动	Pre-heating of engine
液压油散热器	Radiator of hydraulic oil
防尘保护	Dust-proof protection
实心轮胎	Solid tire
频闪灯	Strobe light
喇叭	Horn

### 选配

4轮驱动	4-wheel drive
4轮转向	4-wheel steering
带摆动桥	Active oscillation axle
工作台通气	Gas supply in platform
工作台通电	Power supply in platform

### Options

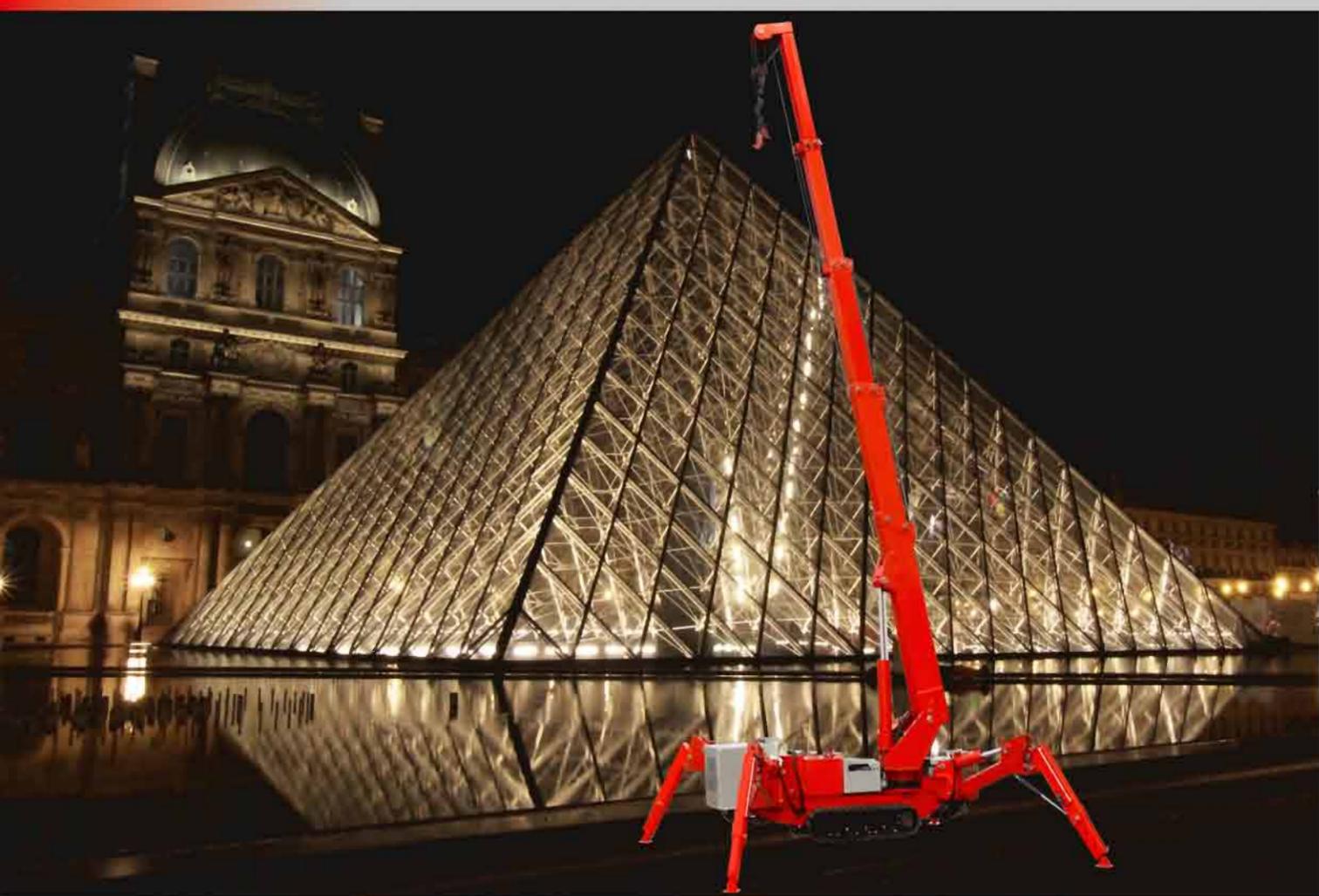
4-wheel drive
4-wheel steering
Active oscillation axle
Gas supply in platform
Power supply in platform

## 产品参数

## Data sheet

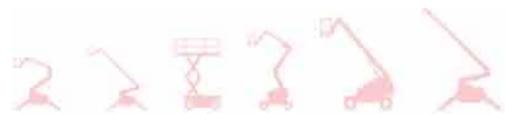
Model 型号	B16	B18	B20	B26*	B28*	B32*	B34H
最大作业高度 Max.working height	16m	18m	20m	25.7m	28.3m	32m	34m
最大平台高度 Max.platform height	14m	16m	18m	23.7m	26.5m	30m	32m
最大水平作业半径 Max.working radius	13m	14.3m	16.5m	21.9m	23.45m	22.86m	18m
承载能力 (受限幅度) Lift capacity(restricted)	250kg	250kg	250kg	480kg	480kg	480kg	800kg
承载能力 (非受限幅度) Lift capacity(non-restricted)	250kg	250kg	250kg	260kg	270kg	340kg	450kg
收藏长度 Length(stowed) A	7.2m	7.8m	8.4m	11.3m	11.40m	12.995m	11.5m
宽度 (支腿全伸时) Width(axle extended) C	2.49m	2.49m	2.49m	2.50m	2.50m	3.35m	3.5m
收藏高度 Height(stowed) B	2.6m	2.6m	2.6m	2.8m	2.8m	3.08m	3.2m
轴距 Wheel base D	2.5m	2.5m	2.5m	3.0m	3.2m	3.66m	3.5m
高地间隙 Ground clearance-center G	330mm	330mm	330mm	330mm	330mm	430mm	400mm
平台尺寸 Platform measurement E×F	1.83×0.76m	1.83×0.76m	1.83×0.76m	1.83×0.91m	1.83×0.91m	2.44×0.91m	2.44×0.91m
内轮转弯半径 (支腿全缩时) Turning radius-inside(inside,axle retracted)	3.0m	3.0m	3.0m	3.55m	3.59m	4.14m	3.95m
外轮转弯半径 (支腿全伸时) Turning radius-outside(inside,axle extended)	5.2m	5.2m	5.2m	5.2m	5.25m	5.85m	6.58m
收起状态行走速度 Travel speed(stowed)	6.3km/h	6.3km/h	6.3km/h	6.3km/h	6.4km/h	5.4km/h	5.3km/h
升起或延伸状态行走速度 Travel speed(raised or extended)	1.1km/h	1.1km/h	1.1km/h	1.1km/h	1.1km/h	1.1km/h	1.1km/h
最大爬坡能力 Gradeability-stowed	30%	30%	30%	30%	40%	40%	40%
实心轮胎规格 Solid Tyre	33×12-20	33×12-20	12.00-20	12.00-20	12.00-20	12.00-20	12.00-20/8.5
起扬速度 Swing speed	0~1/3rpm	0~1/3rpm	0~1/3rpm	0~1/3rpm	0~1/3rpm	0~1/3rpm	0~1/3rpm
转台回转 Turntable swing	360度旋转 360° continuous						
平台调平 Platform leveling	自动调平 Automatical leveling						
平台旋转 Platform rotation	±80°	±80°	±80°	±80°	±80°	±80°	±80°
燃油箱容量 Fuel tank capacity	151L	151L	151L	151L	151L	151L	151L
总重量 Total Weight	10000kg	10000kg	10500kg	10500kg	16400kg	17000kg	18500kg
系统电压 Voltage	12V	12V	12V	12V	24V	24V	24V
驱动转向型式 Drive&steering type	2×2	2×2	2×2	2×2	2×2	4×4	4×4
发动机 Engine	Cummins B3.3-C60			Cummins B3.3-C80			Cummins B3.3
发动机额定功率 Rated power	45kw/2200rpm			60kw/2200rpm			





## 履带吊-Mini Crane

型号 Model: M03 M05 M10



### 产品性能

### Features

#### 结构紧凑

结构设计紧凑，整机重量轻便，能出入门厅，可自由在室内或室外作业，能行驶工作于各种地面。

#### Compact Structure

ideal for being moved in construction lifts, and working on low load-bearing floors. The smallest spider cranes are so narrow they can be moved through standard single doorways.

#### 工作能力强，小体积大能量

Strong ability for work ,small size, long radius, big capacity.

#### 智能监测系统，更安全，更省心

Full load monitoring system for safety and efficiency.

#### 无线遥控，实时显示主要参数

Radio control; Display major parameters.

### 产品参数

### Data Sheet

型号 Model	M03	M05	M10
最大承载能力 Max load kg	1800	2700	4000
臂长 Arm length m	0.8-12.5	1.0-17.5	1.0-23.5
总尺寸 Overall length m	3.1×0.80×1.99m	4.23×1.10×1.96m	5.31×1.40×1.98m
行驶速度 Driving speed km/h	2	2	2
爬坡能力 Climbing ability	25°	25°	25°
旋转度 Rotation	360°	360°	360°
起扬度 Swing	-2°-80°	-2°-80°	-4°-80°
总重量 Total weight kg	2400	3600	5600
大臂仰角 Elevation of boom		0-78°	
回转角度 Rotation angle		360°/1.5rpm	
支腿形式 Outrigger type	油缸推动，手动伸缩、折叠 Hydraulic; adjust manually		
液压油箱容积 Fuel tank capacity	40L	50L	60L
收藏尺寸 Stowed dimension	2700*780*1450mm	2850*780*1450mm	3000*980*1450mm
发动机型号 Engine model	Z482 Kubota	D722 Kubota	V1505 Kubota
发动机输出功率 Engine output power	6.5kw	14kw	26kw

