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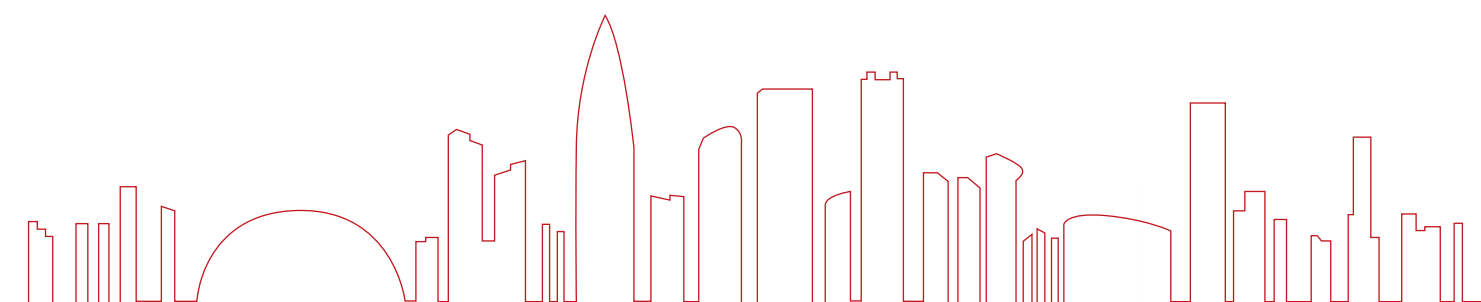
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Huli District, Xiamen

厦门安科  
AK AUTOMATA CO. LTD.

INTELLIGENT CONSTRUCTION  
PLATFORM<sup>+</sup>

National High-tech Enterprise

New Construction Technology  
Integration of R&D, production and operation service



# COMPANY PROFILE

Founded in 2014, AK AUTOMATA CO. LTD, is a national high-tech enterprise focusing on the R&D, production, operation and service of intelligent construction platform.

As one of the largest intelligent lifting scaffolds enterprises, with the sound operation system and the professional service, AK provides products and services for thousands of high-rise construction projects each year.

At present, our two main products, All-steel Lifting Scaffold and Hydraulic Climbing Scaffold System, have got dozens of core patent technologies, and obtained the scientific and technological achievements evaluation and certification from science and technology development promotion center of Ministry of Housing and Urban-Rural Development of the People's Republic of China.



National High-Tech Enterprise

Integrity Enterprise of National Scaffolds Industry

Top 50 Suppliers of Core Enterprises in China

First - Class Enterprise of China Formwork And Scaffold Association

Science and Technology Small Giant Leading Enterprise in Fujian

Xiamen Innovative (Pilot) Enterprise

Xiamen Specialization, Refinement, Characterization and Novelty Enterprise

The Most Growth Enterprise in Xiamen

Xiamen Three High (High Growth, High Technology, High Value-Added) Enterprise



100<sup>+</sup>

Intellectual property rights and patent technologies

1000<sup>+</sup>

Annual service projects

50%<sup>+</sup>

Of employees with bachelor degree or above

60M<sup>+</sup>

RMB Annual Revenue

80000<sup>+</sup>

m<sup>2</sup> Modern factory

1000<sup>+</sup>

manufacturing workers



## All-steel Lifting Scaffold

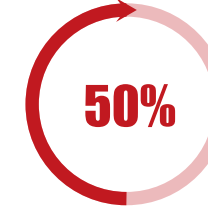
Lifting Scaffold, a platform used for tall-building safety protection during construction, by attaching to the facade, climbing by its own lifting system, is an automatic lifting construction platform with anti- overturning and anti -falling functions.

- Dozens of national patents with independent intellectual property rights
- Our products have passed the standard audit of Attached Lifting Operation for Building Construction Safety Protection Platform JG/T546-2019
- Obtained the inspection certification of National Construction Engineering Quality Supervision and Inspection Center
- Obtained the evaluation and certification of science and technology development promotion center of the Ministry of Housing and Urban-Rural Development of the People's Republic of China

## PRODUCT ADVANTAGES



Project construction speed increased by 30%



Reduce management costs by 50%

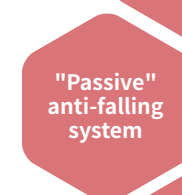


Reduce construction accidents by 90%

With the most reliable safety device in the world - "passive" anti-falling protection system  
 Equipped with intelligent security monitoring system, automatically alarm and stop when the system meets the breakdown.  
 Synchronous balance and steady lift



Lifting along with the progress, covering layer to be built on time, saving 80% of steel pipes consumption



All steel materials to eliminate fire hazards

Assemble at low layer to eliminate the risk of work aloft

**Security**

"Passive" anti-falling system

Resist against typhoon

Intelligent automatic security monitoring

Totally enclosed protective working environment



During the construction, no additional workplace required, with a fresh, clean and tidy image



## STRIVE FOR EXCELLENCE EXCEED INDUSTRIAL SAFETY STANDARD

### ▪ Core Technique, two-way anti-falling

The self-developed anti-falling mechanical device, which has passed the performance test of NGTC and Science and technology development promotion center of MOHURD, will offer thorough protection during construction, ascending or descending.

### ▪ Single chain hoist + pulley (patented), high efficiency and stable

Single chain hoist can avoid pollution and damage, reduce breakdown rate and improve efficiency and safety during construction. With the pulley lifting system, the force on the lower lifting point is more reasonable, which improves not only the deformation resistance of the frame body, but also the working stability of the hoist.

### ▪ Resist against typhoon

The guide rail, shape close to Triangle, is welded by two steel pipes and a single square pipe through solid round steel. The guide rail is surrounded by a guide seat. There are no joints, and the anti-overturning test load can reach more than 8 tons. Experienced many strong typhoons, such as "Moranti" and "Mangosteen", it remained steady.

### ▪ LEAN to finest detail

2.0mm checkered steel plates are used for each walkway panel, which is reinforced every 400mm on its bottom. 60x30x3.0 square tubes are used for frames, whose deflection and safety sealing requirements are stricter than the industry standard.

### ▪ Reasonable solutions to make construction more efficient and safe

The lifting unit adopts walkway-beside design to guaranteed the passage of personnel and materials unobstructed, so as to improve operation efficiency.



Innovative integrated lifting system



Intelligent security monitoring system

## BETTER APPEARANCE STYLISH AND ENVIRONMENT-FRIENDLY

- The leading automatic painting line and baking line make the product surface more beautiful and tidy.
- Intelligent drying makes paint and powder more adhesive, which makes frames brand new as before.
- Environment-friendly paint is used to ensure operators' health and safety.

## SERVICE ORIENTED

- "One by One" customized service saves customers' time and worry.
- Provide customers integrated solution of R&D, design, production, sales, construction, technical consultation and maintenance, etc.
- Impress customers with service and retain customers with sincerity.
- Win public praise with thousands projects and build a benchmark brand with services.





# OUR CASE

Our products are used for thousands of high-rise buildings each day.



合肥置地广场



博智林机器人



万华金融中心



中南滨江铭悦



韶关碧桂园



翔安XP03



厦门湖里东宅



石碣碧桂园



海沧雍厝公寓



泉州万科



广州亚运城

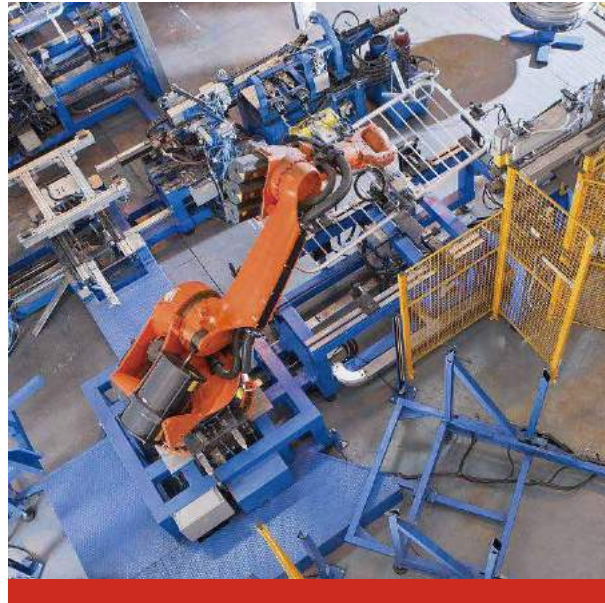
# OUR PARTNERS

<p>万科 让建筑赞美生命</p>	<p>保利®地产</p>	<p>恒大集团 EVERGRANDE GROUP</p>	<p>中骏 专筑您的感动</p>	<p>中航地产 AVIC REAL ESTATE</p>
<p>碧桂园 给您一个五星级的家</p>	<p>特房集团</p>	<p>万达集团</p>	<p>中国建筑</p>	<p>广西建工 Guangxi Construction</p>
<p>中国五矿 MINMETALS</p>	<p>MCC 中国中冶</p>	<p>中国中铁</p>	<p>中国交建 CHINA COMMUNICATIONS CONSTRUCTION</p>	<p>安徽建工</p>
<p>电白建设</p>	<p>腾越建筑</p>	<p>新景地集团</p>	<p>新宇建筑 XINYU CONSTRUCTION</p>	<p>厦门安居集团有限公司 XIAMEN AFFORDABLE HOUSING GROUP CO.,LTD.</p>



# MANUFACTURING BASE

Modern equipment, full Automation facility  
ISO9001 quality management system certification  
ISO14001 environmental management system certification  
OHSAS18001 occupational health and safety management system certification



## Changtai factory, Zhangzhou

Land area: **40** mu, Annual capacity: **20000** tons



## Anxi factory, Quanzhou

Land area: **80** mu, total investment: **60** millions  
Fully automatic production lines,  
Annual capacity: **80,000** tons

# OUR CULTURE

## Our spirit

Focus on safety and scientifically development

## Our Vision

Leader in the field of intelligent construction

## Core values

- Customer is our forever partner.
- Talents are our most valuable resource.
- Learning is the only way for us to continuously surpass ourselves and satisfy our customers' expectations.

## PROTECT LIFE SAFETY

## CREATE INNOVATIVE TECHNOLOGY

