

KITSEN®
奇正模架

中国低碳智慧建筑模架领导品牌
China Low Carbon Intelligent Construction Formwork and Scaffolding Leading Brand

KITSEN®
奇正模架

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PERIMETER SELF-LIFTING SCAFFOLD
SLS-3.0 附着式升降脚手架



KITSEN®

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附着式升降脚手架（爬架） Perimeter Self-Lifting Scaffold

附着式升降脚手架又称外爬架，主要应用于高层、超高层剪力墙式建筑物，施工中作外防止人或物坠落，起到防护作用，自带爬升系统，减少塔吊机械的调运工作，一次性安装整架爬升取代传统脚手架搭建的繁琐工序。

Perimeter Self-Lifting Scaffold is suitable for high-rise buildings and super high-rise shear wall structures. This system integrated with the climbing mechanism requires only one-time installation and lifting. Its built-in safety screen design can effectively prevent workers and objects falling when working at height. The self-climbing system also helps reduce reliamce on fower crane and scafold erccfors.

▲ 附着式升降脚手架VS传统型脚手架 Perimeter Self-Lifting Scaffold VS Traditional Scaffold

序号 No.	传统型脚手架 Traditional Scaffold	附着式升降脚手架 Perimeter Self-Lifting Scaffold
1	人工作业，用工多 Operated by human, more labor	高效安全，智能自动升降，升降一层只需半小时 High efficiency and safety, auto-intelligent climbing only needs half an hour for lifting one floor
2	高空危险搭设作业，事故多 High-altitude installation and operation leads to more accidents	作业环境封闭，犹如室内一般，可大幅度降低高处坠落和物体打击事件 Closed working environment like indoor working, substantially decreases the accidents of objects falling off from high altitude
3	搭建繁琐且危险 Installation is complicated and highrisk	简便拼装，升降运行和安全监控实现智能化，保证了升降平稳和安全施工 Easy installation, lifting operation and safety monitoring is controlled intelligent which ensures stable lifting and construction safety.
4	施工进度缓慢 Slow construction speed	不占用吊搭，快捷高效，对加快施工整体进度具有明显作用 No needs for tower crane, high efficiency, substantially helps to speed up construction schedule.
5	施工现场脏乱，不安全且形象差 Jobsite is dirty and in disorder	标准化、规范化管理，外形既安全又美观 Standardized management, safe and presentable site
6	火灾事故多 More fire accidents	全部使用不可燃材料，安全可靠，杜绝火灾 All material is nonflammable ensures safety and no reduce fire hazard
7	消耗材料多 More material wastage	节约环保，降低建筑成本 Economy, environment protected and save construction cost
8	构造复杂，施工不安全，易出事故 Complicated structure, not safe in operation and leads to more accidents	构造简单，动作可靠，全封闭，免维护，施工安全 Simplified structure, reliable operation, total enclosure, maintenance free and safety compliance
9	现场管理难 On-site management is difficult.	智能控制，标准化作业流程，管理省心 Intelligent control, standardized operation process and easy in management

▲ 工程案例 PROJECTS



万科金色梦想



广州华南国际港航服务中心项目



中山国际灯饰商城项目

奇正附着式升降脚手架核心优势 Kitsen Perimeter Self-Lifting Scaffold Key Advantages

- 1、架体由金属防护网、可调式竖向框架、龙骨板等构件组成。
Main frame composed of metal screen, adjustable vertical frame, keel plater and etc.
- 2、结构设计合理，防护到位，防火性能好，拆装方便。
Structural design is reasonable, full protection, fire prevention performance is good, easy to dismantble.
- 3、节省材料、节省人工、适用范围广。
Material saving, labor saving and wide application
- 4、提升不占用平台通道，平台宽敞。
Wide and spacious working platform is provided. No dismantling of the platform is required as the entire scaffold structure is self-lifted mechanically.
- 5、爬梯踏板处，采用开窗踏板，安全可靠。
With trapdoor platform is safety and reliable.
- 6、附墙装置集防坠落、防倾斜、导向于一体，防坠落、防倾斜性能好。
Attached device integrating fall prevention, prevent tilt, guide into one, It' s good of Fall prevention, tilting prevention performance .
- 7、智能控制系统，简单直观，控制状态一目了然。
Intelligent control system, simple and intuitive, control state is clear at a glance.
- 8、控制系统具有超载、失载自动报警与停机功能。
Control system with load and overload automatic alarm and stop function



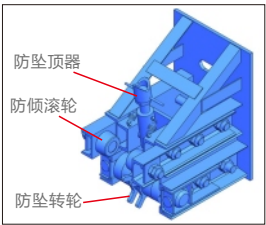
金属防护网
steel safety screen



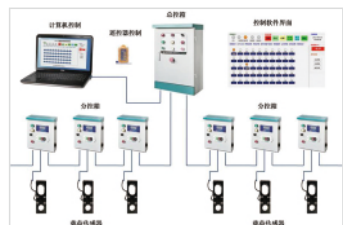
倒装环链式电动葫芦
elevation mechanism



开窗踏板
trapdoor platform



附墙装置
wall bracket



智能控制系统
intelligent control system

▲ 产品技术参数 Technical Parameters

序号 No.	分项 Technical Requirement	单位 Unit	主要指标 Main Parameters
1	架体宽度 Width	m	0.6
2	架体高度 Height	m	≤5 层楼高/≤5 floors
3	支撑跨度 Guide Rail Span	m	≤7.0(折线或曲线≤5.4) ≤7.0(brokn line & curves≤5.4)
4	支撑跨度与架体高度乘积 Span*Height	m ²	≤110
5	架体自重 Weight	吨 / T	2.0-2.8
6	操作层距墙距离 Distance from Hinged Plank to the Wall	mm	≤200
7	允许施工荷载 Allowable Loading Capacity	kNm ²	3×2 & 2×3
8	提升速度 Elevation Speed	分钟 / mm	120
9	提升机额定吨位 Electric Hoist Rated Tonnage	吨 / T	7.5
10	爬架平台防火标准 Fireproof Requirement		防火绝燃 Fireproof & Fire-resisting
11	附墙支座数量 Wall Bracket Quantities	套 / SET	≥3
12	提升机是否需要周转 Hoist Turnover		不需要 / NO
13	最大周转件重量 Maximum Wall Bracket Weight	kg	25
14	每次升降层数 Movement at Every Elevation	层 / LEVEL	1
15	防坠距离 Anti-drop Distance	mm	≤80
16	防坠器个数 Anti-drop Device	个 / PCS	3