

新松点焊套机系统

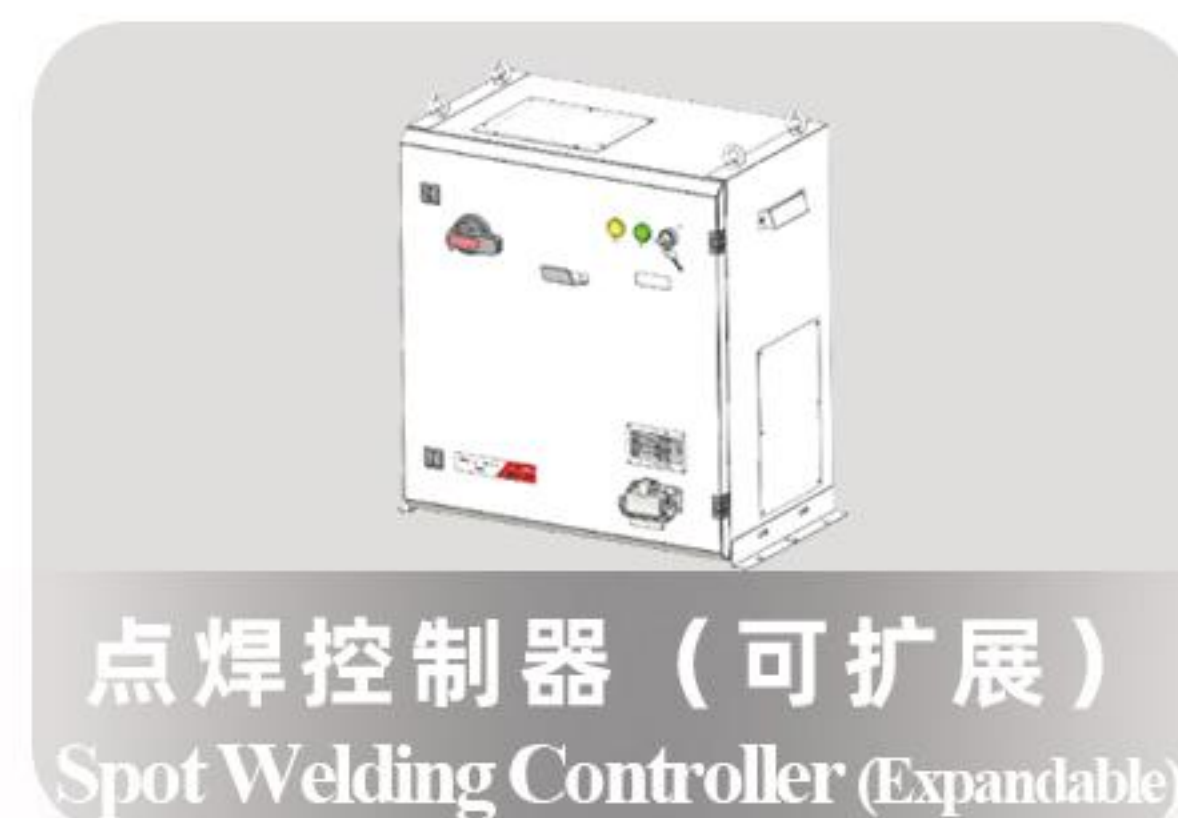
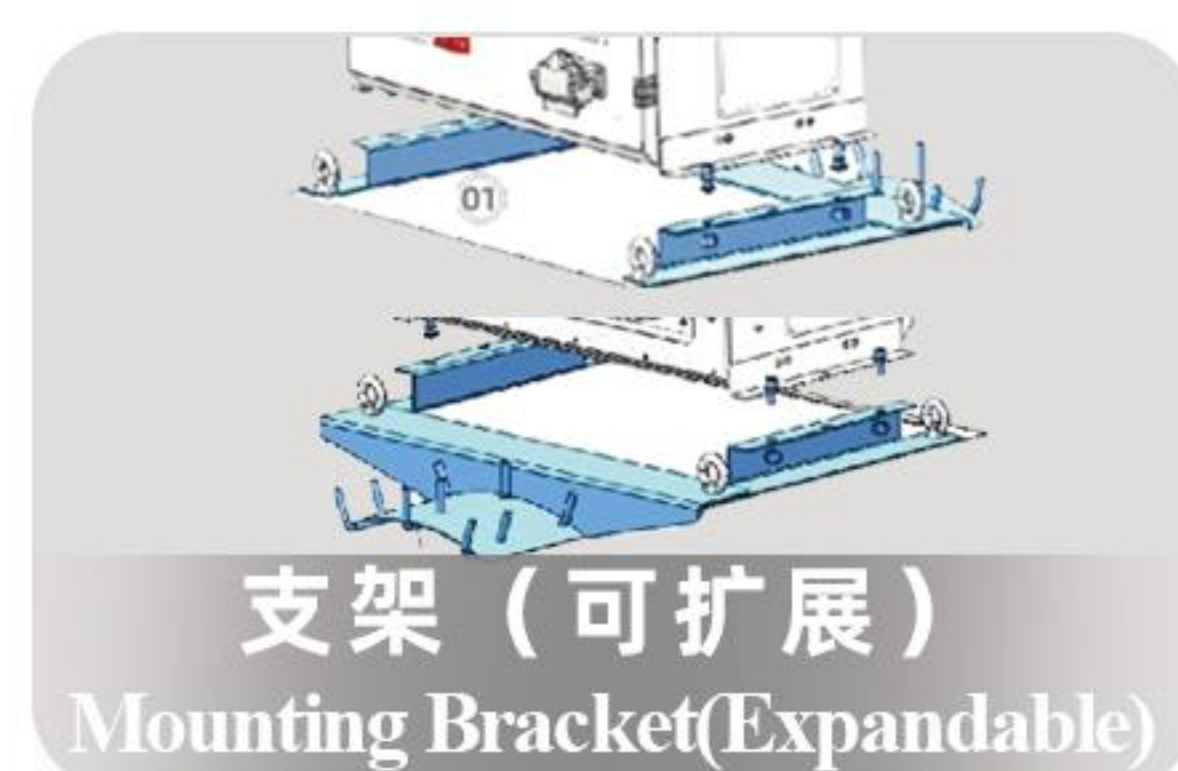
SIASUN SPOT WELDING ASSEMBLY SYSTEM



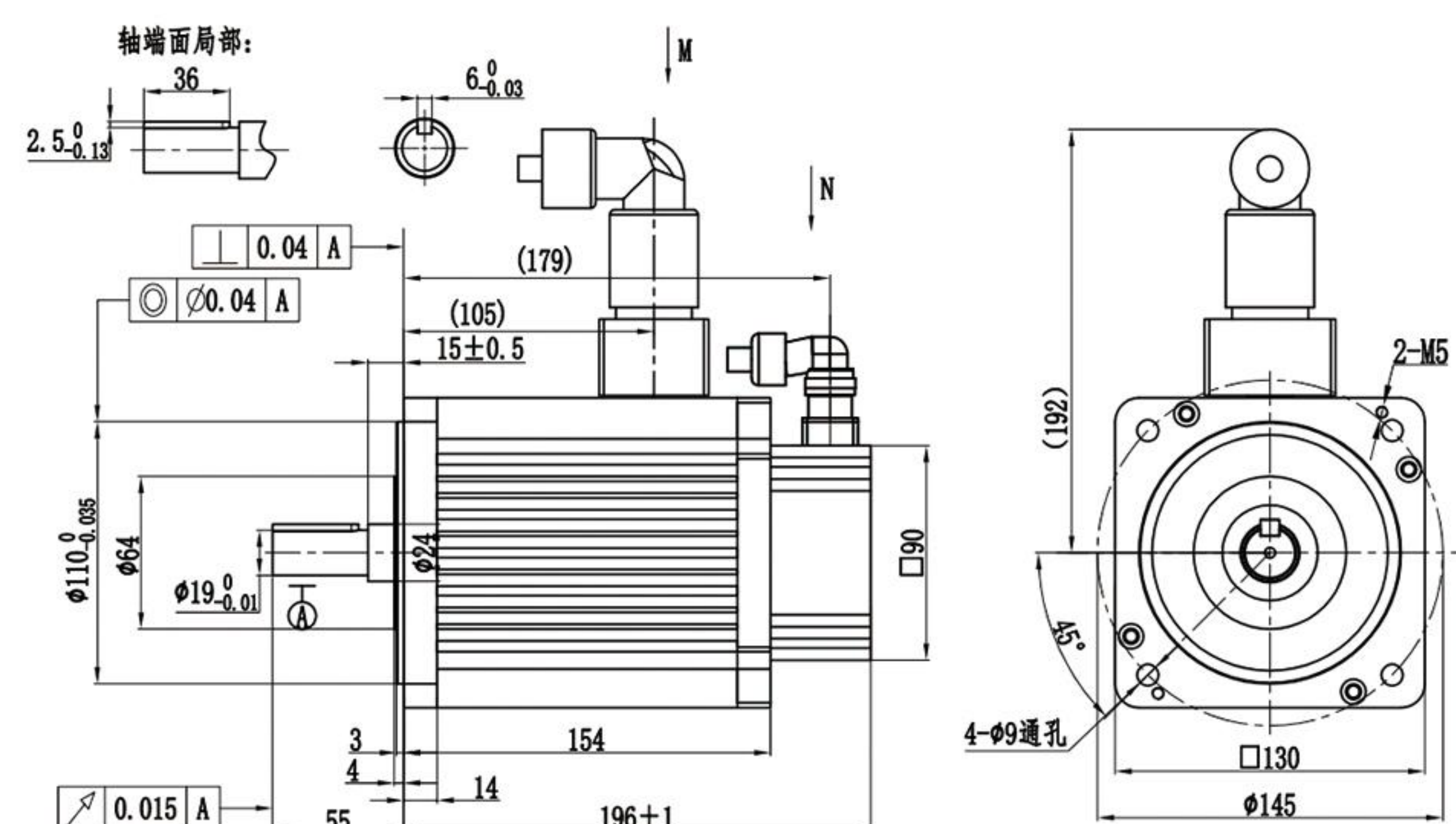
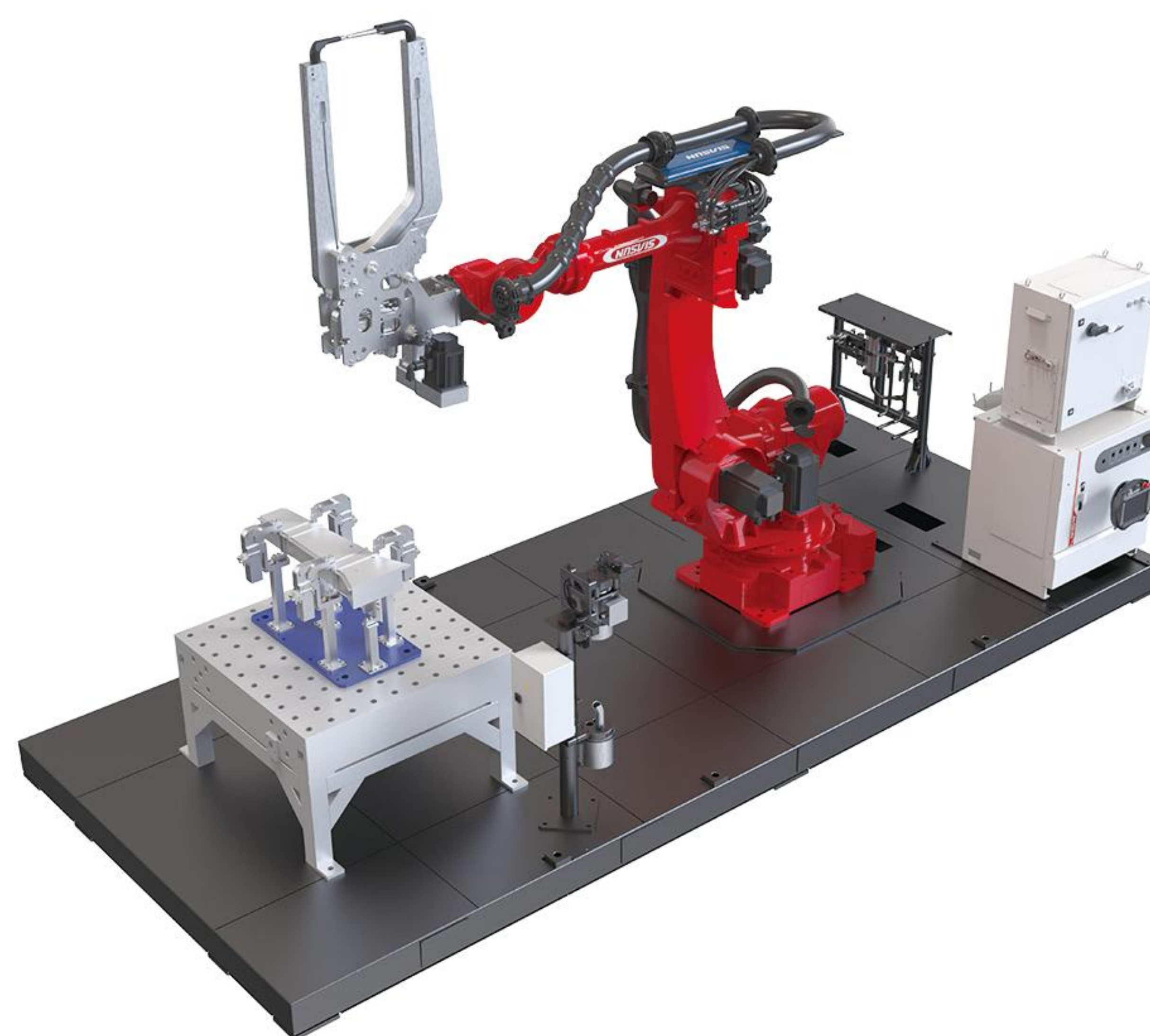
自主 · 高效 · 耐用 · 您最得力的点焊帮手

Autonomous · Efficient · Durable · Your Most Reliable Spot Welding Partner





型号Motor model	3HAC1302508040ZS380
功率Power（kW）	2.5
电压Voltage（V）	380
额定扭矩Rated Torque (N.m)	8
额定转速Rated RPM(rpm)	3000
最高转速Max.RPM(rpm)	4000
惯量（10-4kg.m2）中惯量 Inertia（10-4kg.m2）Medium Inertia	21
抱闸Holding brake	带抱闸With Holding brake
接头Adaptor	航插接头Aviation plug
编码器Encoder	绝对编码器Absolute Encoder
电机线缆Motor Cable（m）	7/14/20/25/30



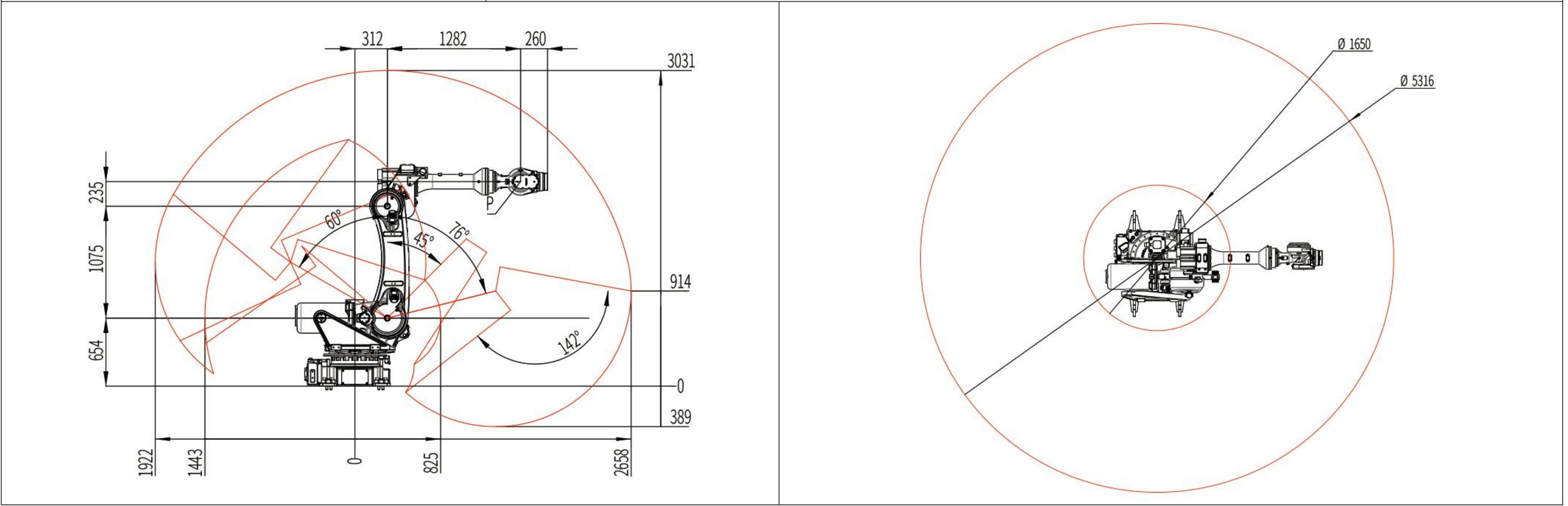
手腕可搬运质量210kg,可达半径2658mm

Payload capacity 210kg, Reach radius 2658mm

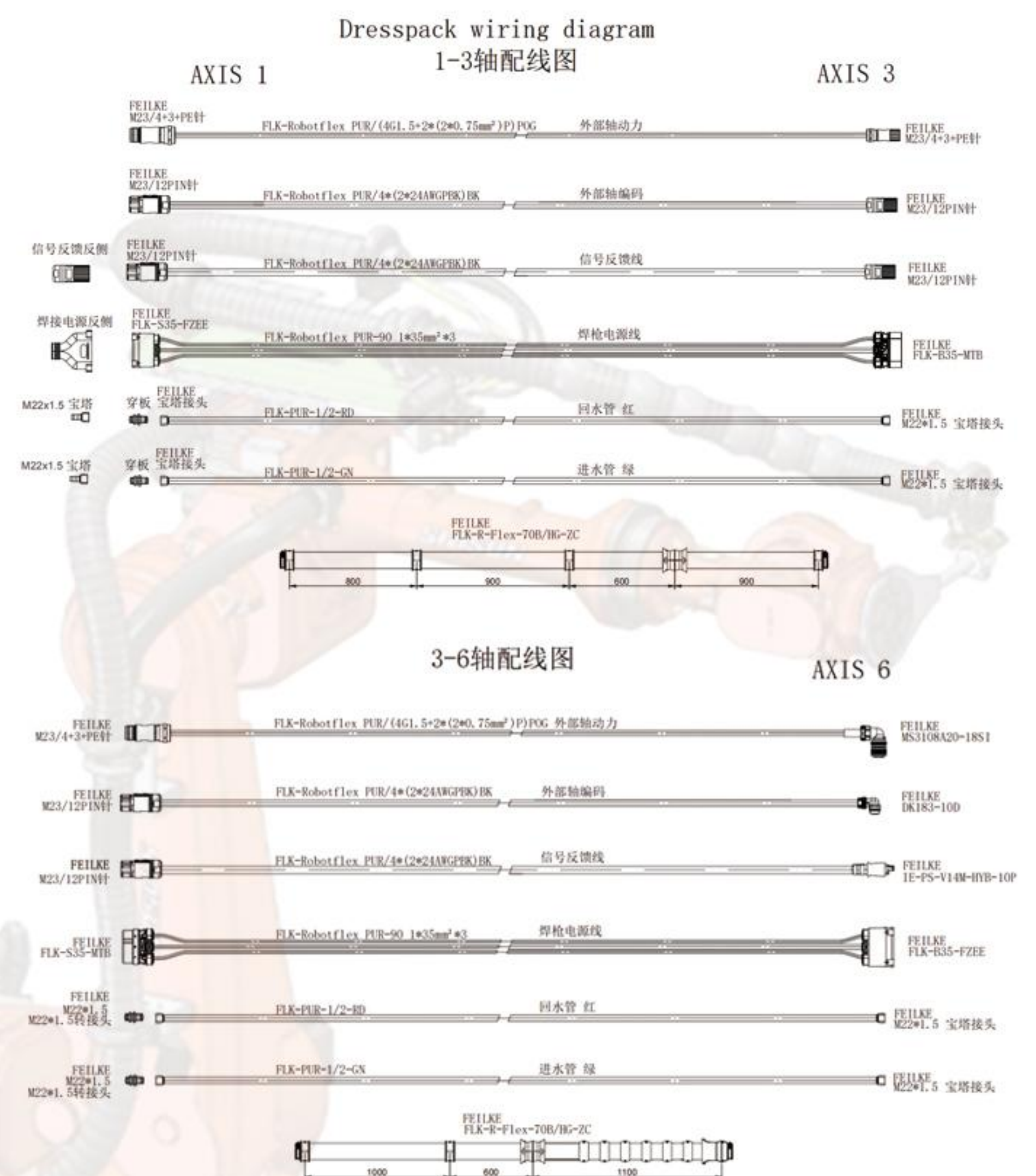
新松 SR210A-210/2.65 工业机器人，全能点焊专家。高性能手腕具备强大扭矩，轻松应对高速高负荷作业，高效生产一步到位。关键部件双层密封，耐用性大幅提升。同时，自主软件持续升级，定位精准作业稳。为高效生产赋能。

SIASUN SR210A-210/2.65 Industrial Robot: All-Round Spot Welding Expert. Equipped with a high-performance wrist and high torque output, it effortlessly handles high-speed, heavy-duty welding tasks, delivering seamless integration for immediate efficiency. Key components feature double-layer sealing, significantly enhancing durability. Paired with self-developed software for continuous updates, it ensures precision positioning and stable operation. Empowering efficient production through intelligent optimization.

型号Type		SR210A-210/2.65
负载能力Max payload		210kg
重复定位精度Repeatability		±0.06mm
最大工作半径Max.reach		2658mm
运动范围 Motion Range	J1	±180°
	J2	+ 60°, -76°
	J3	+ 78°, -165°
	J4	±355° (点焊±180°)
	J5	±125°
	J6	±355° (点焊±180°)
最大运动速度 Maximum Speed	J1	100°/s
	J2	90°/s
	J3	85°/s
	J4	120°/s
	J5	120°/s
	J6	190°/s
手腕允许力矩 Moment	J4	120 N·m
	J5	120 N·m
	J6	70 N·m
手腕允许惯量 Inertia	J4	1274 kg·m²
	J5	1274 kg·m²
	J6	686 kg·m²
本体重量Weight		1400 kg
防护等级(腕部)Protection(wrist)		IP67

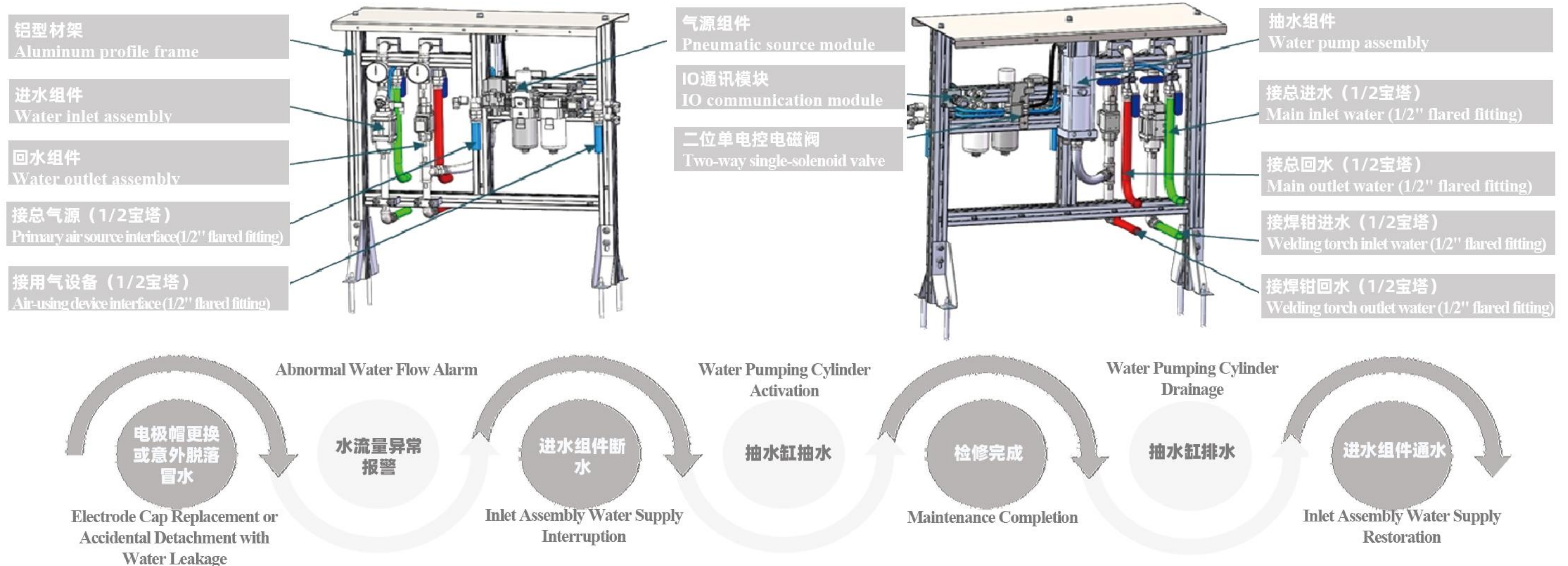


Streamlined Delivery, Time-Saving & Labor-Efficient: Hose package pre-installed and tested at SIASUN factory, eliminating client procurement procedures and shortening project integration timelines, significantly improving delivery efficiency.



水气单元

Water Vapor Unit



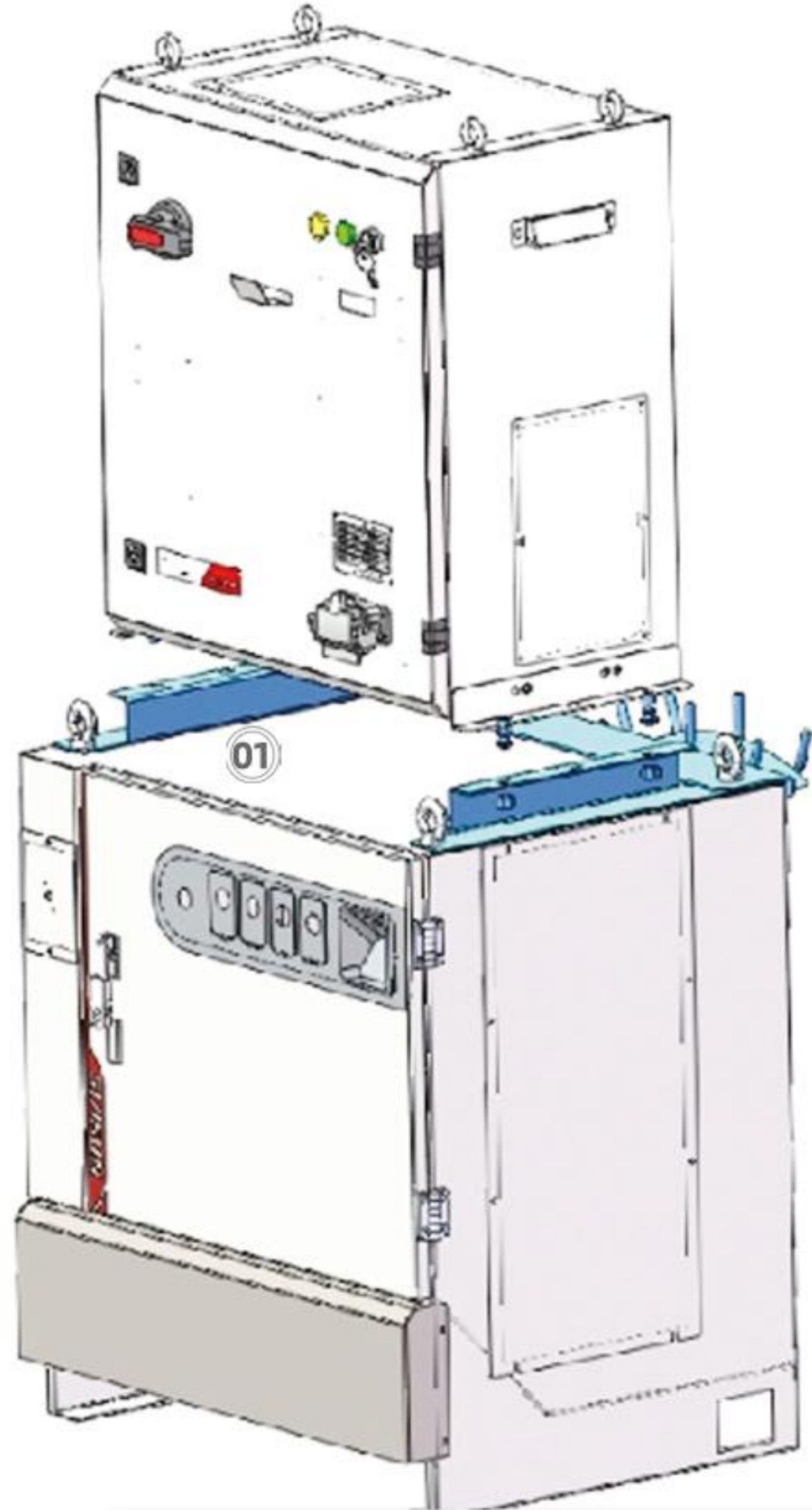
Electrical Interface: Xinwei Lian M12 Distributor (Part No. 982440); Internal equipment harnesses are pre-integrated before shipment.



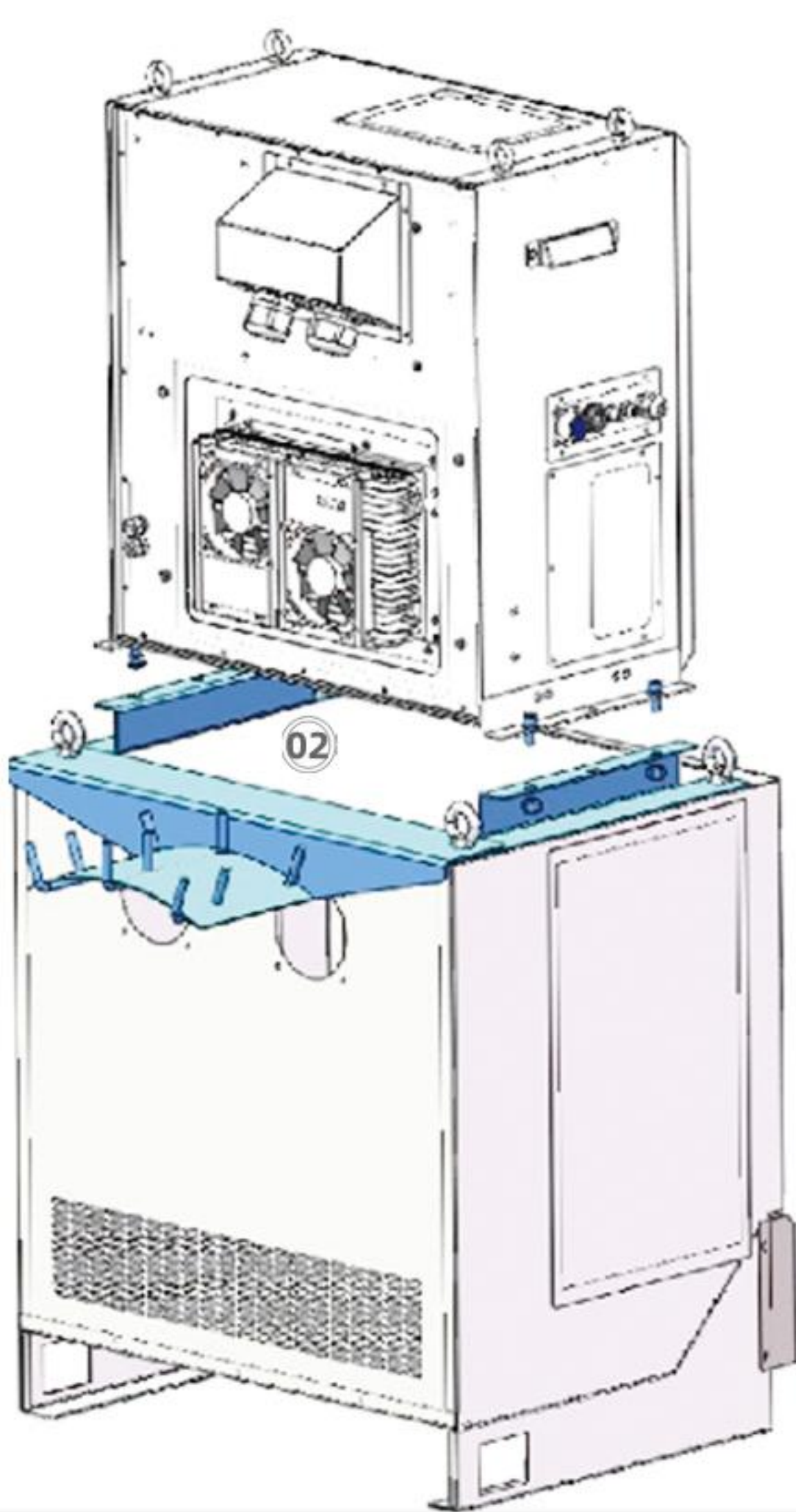
点焊控制器

Spot Welding Controller

焊机连接支撑件 ①
Welding Machine Connection Support



挂线钣金 ②
Cable Mounting Sheet Metal



点焊控制器外观及安装方式
Appearance and Installation Method of Spot Welding Controller

配置 Configuration

IO版：满足常用钢点焊功能，风冷，不支持群控功能；
PN版：满足常用钢点焊功能，风冷，支持群控功能。

IO Version: Supports standard steel spot welding functions, air-cooled, without Group Control Function support;
PN Version: Supports standard steel spot welding functions, air-cooled, with Group Control Function support.

线缆 Cables

焊钳动力线和信号反馈线有长度10/12/17/23/28/33米规格可选配。

Welding Clamp Power Cables and Signal Feedback Cables available in optional lengths of 10m/12m/17m/23m/28m/33m.

焊机支架及挂线钣金组件 Support and Assembly

点焊控制器通过支架连接件固定安装在机器人控制柜上方，机器人控制柜后侧有挂线支架供冗余线缆进行缠绕

The Spot Welding Controller is fixedly mounted on the robot control cabinet via support brackets; redundant cables are routed through cable management brackets located on the rear side of the control cabinet.

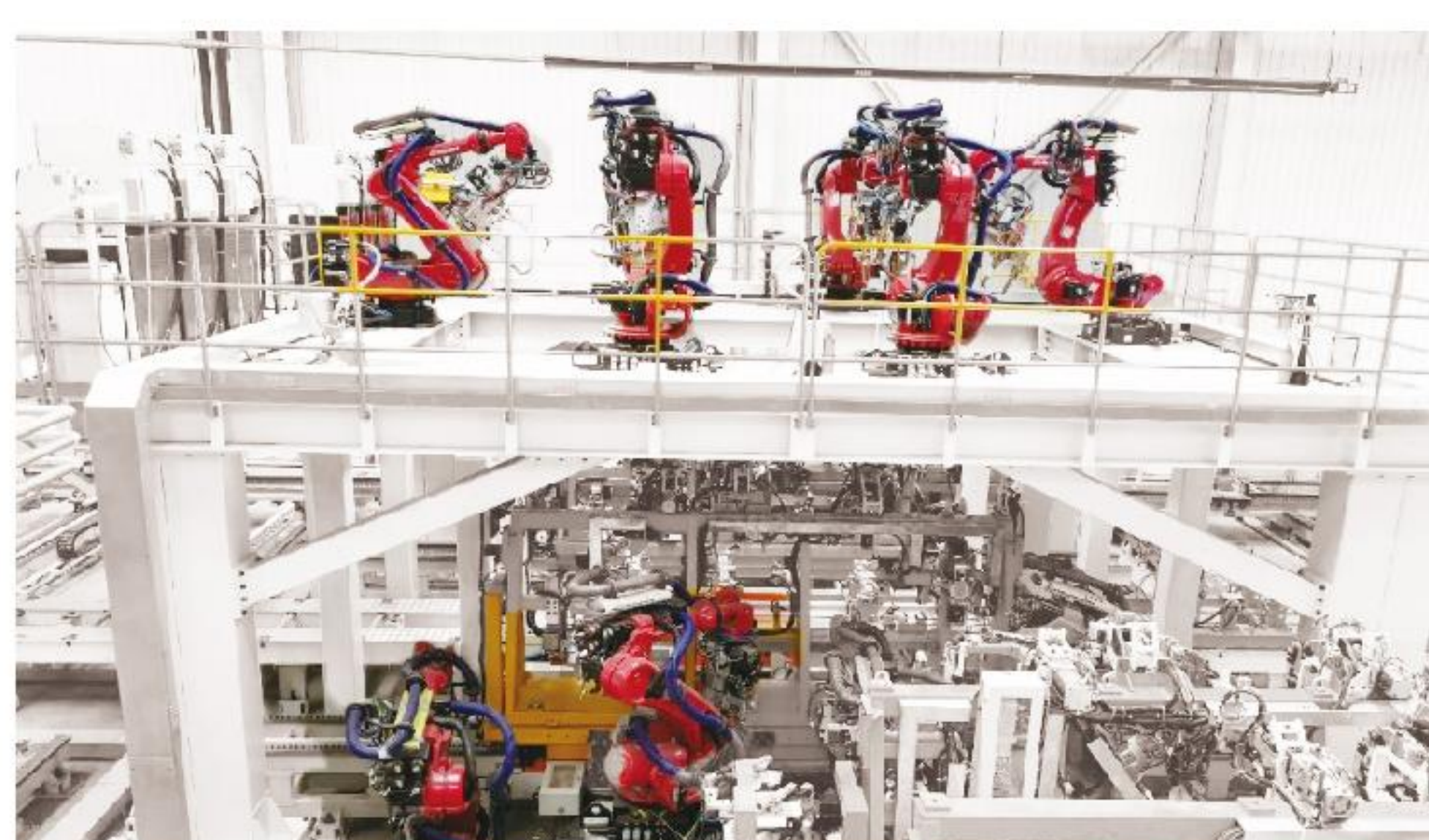
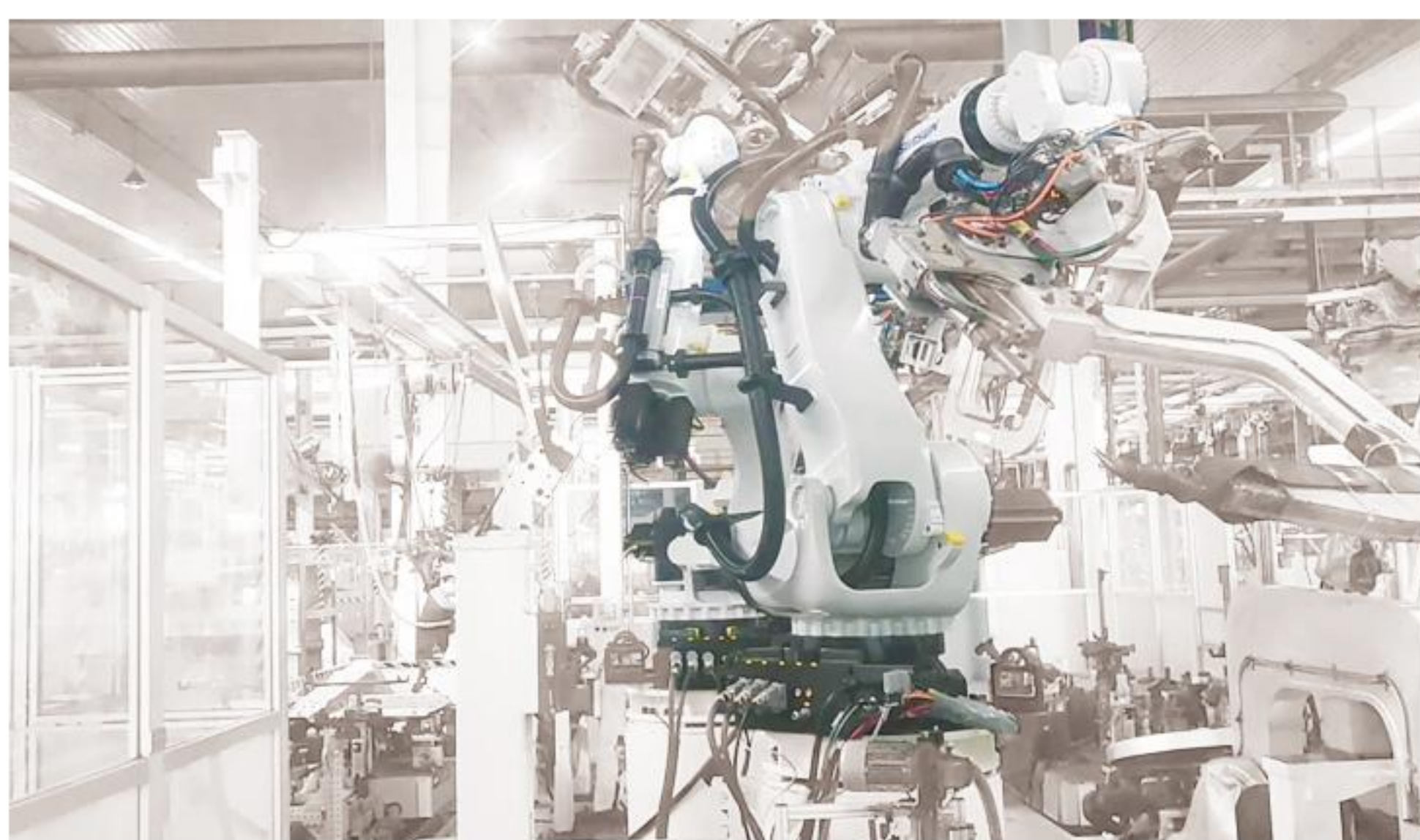
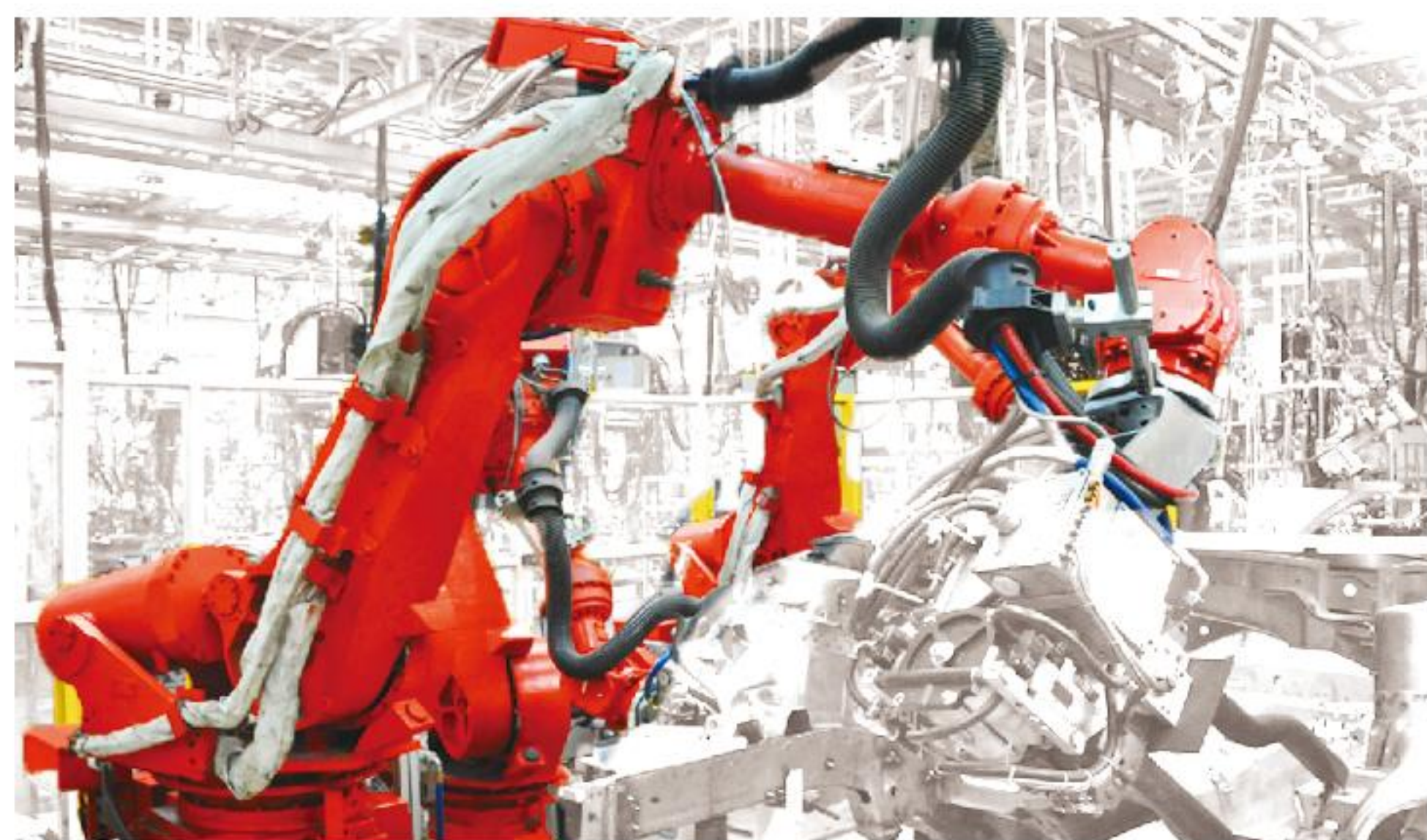
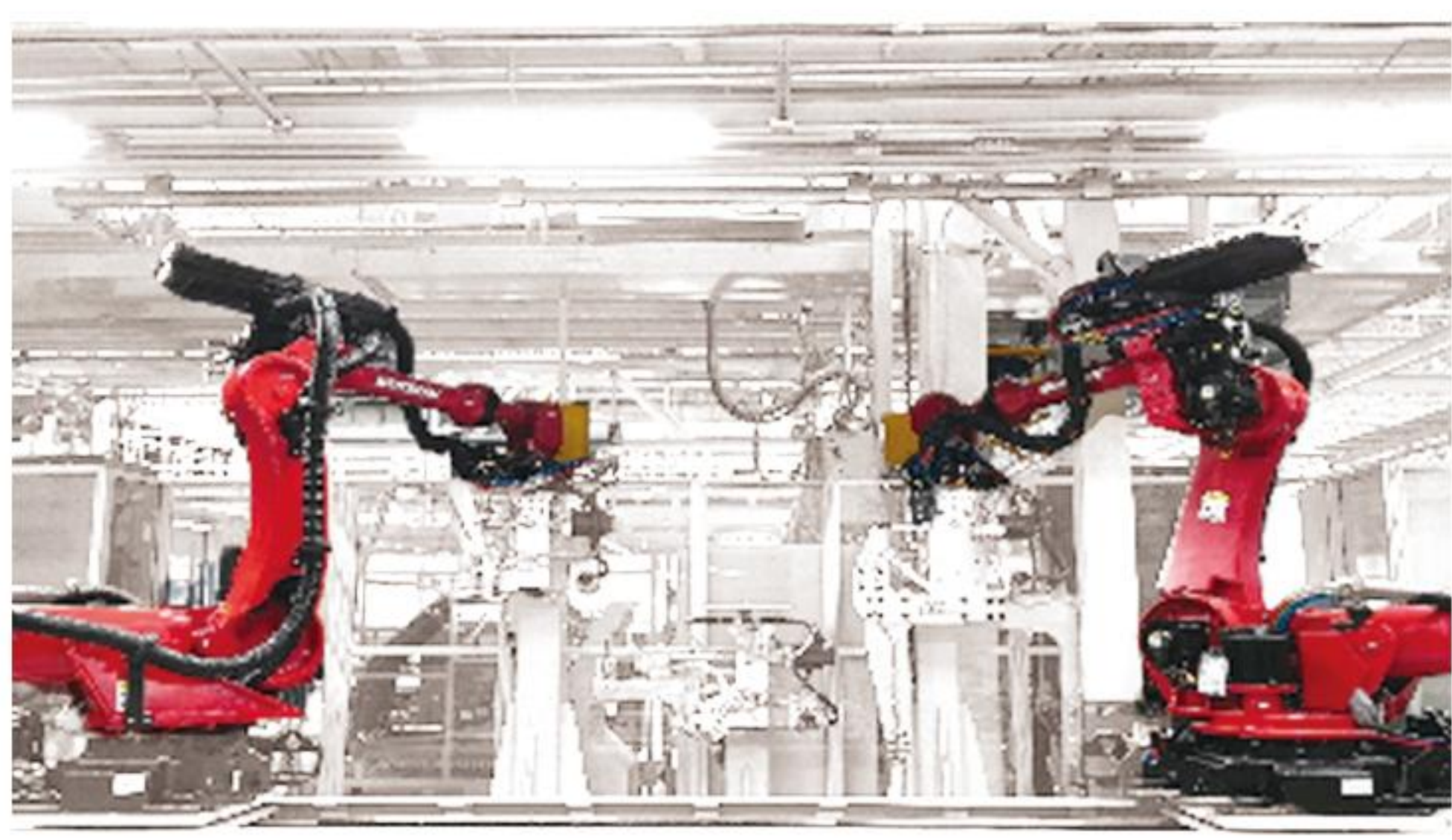
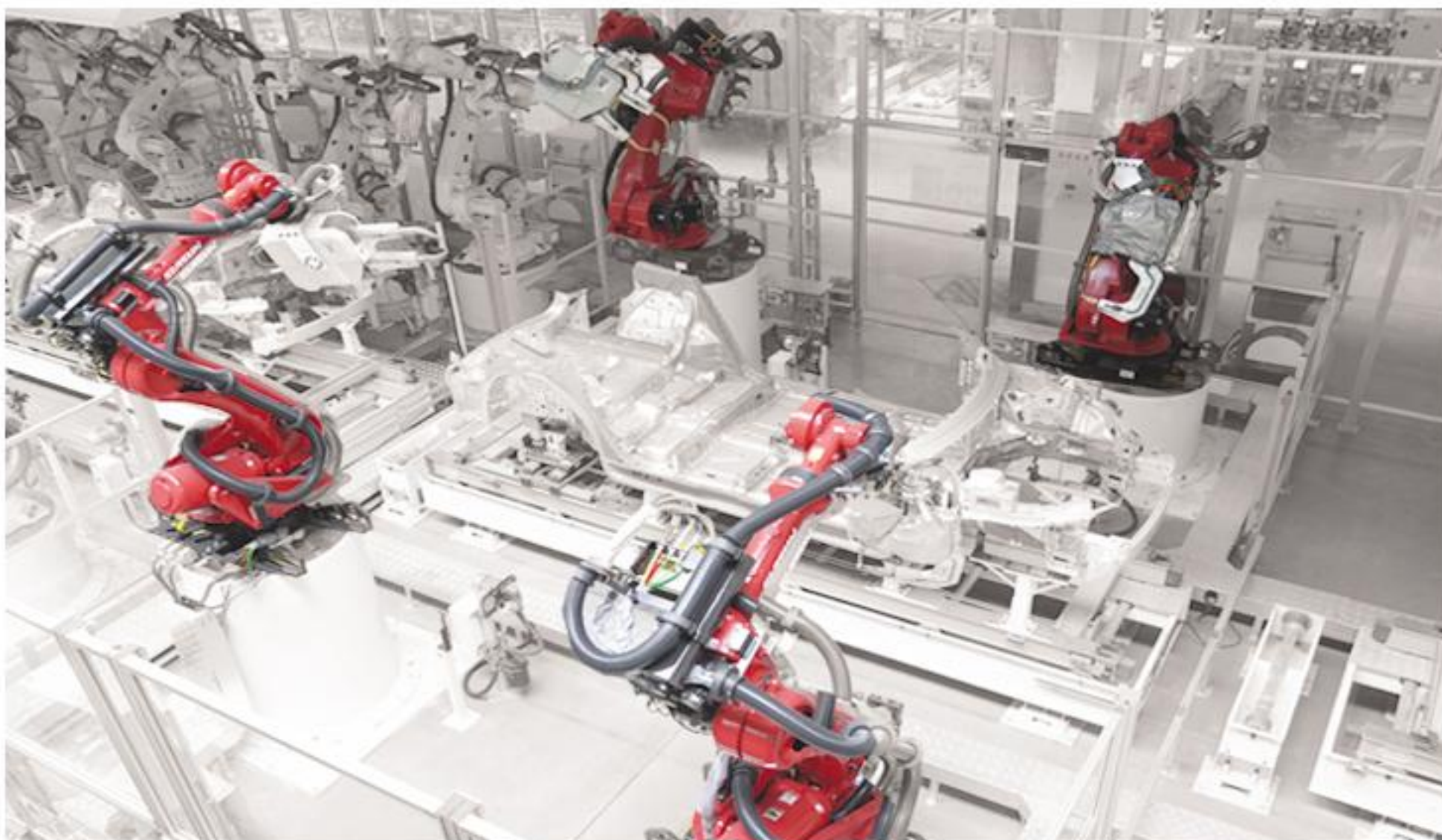
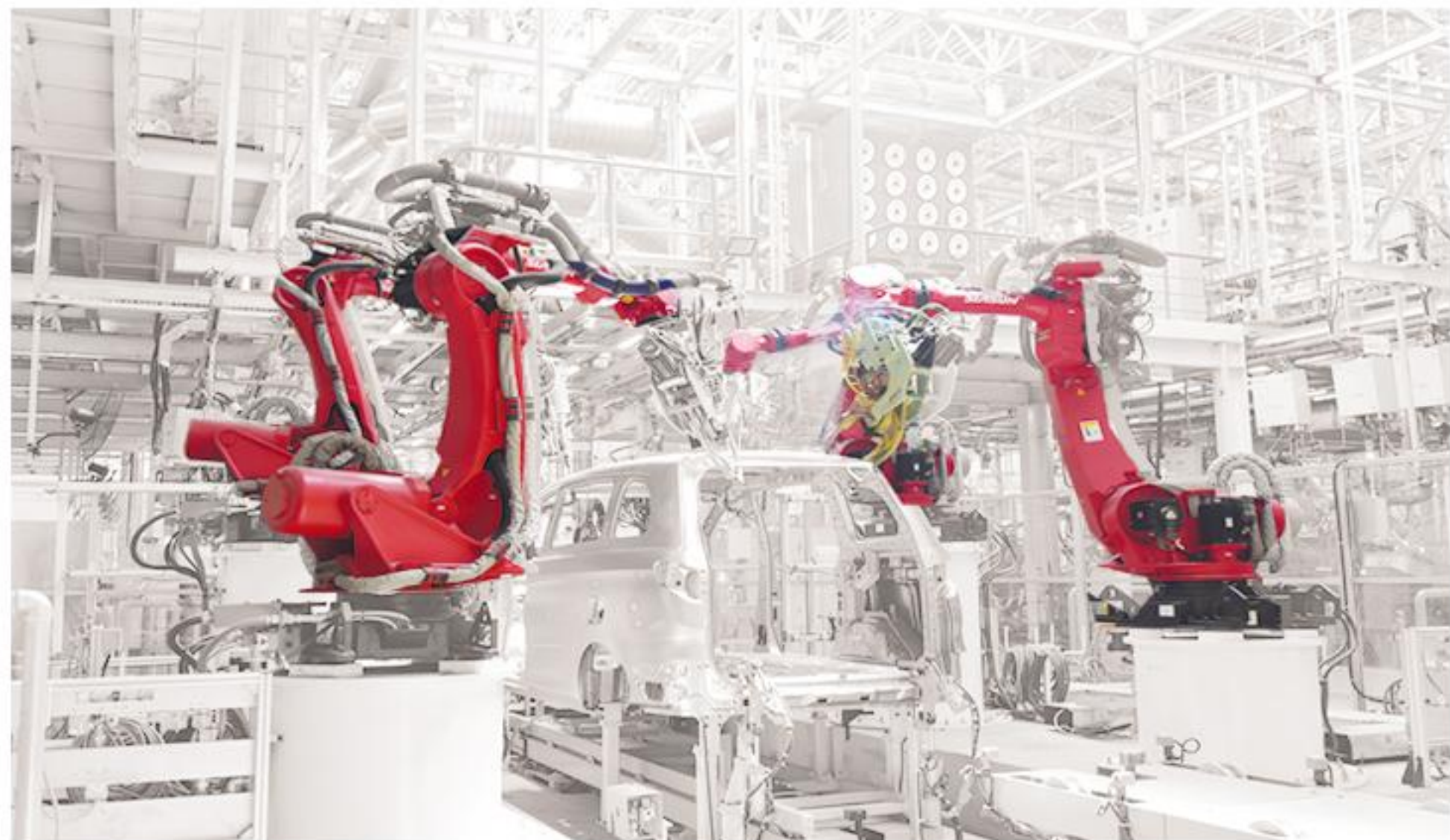
产品特点

Product Features

- **高度标准化：**产品高度标准化，集成与交付效率双提升，大幅缩短项目交付周期。
High Standardization: Highly standardized product design enhances integration and delivery efficiency, significantly reducing project lead times.
- **高国产化率：**国产化程度高，自主可控强，产品交付周期短。
High Localization Rate: Strong Autonomy and Controllability; Short Delivery Cycles.
- **多工艺适配：**支持多种工艺应用，配备专用点焊功能配置页面及应用指令集，适配各品牌工艺设备，实现快速部署交付。
Multi-Process Compatibility: Supports diverse process applications with dedicated spot welding configuration pages and application instruction sets, compatible with multi-brand process equipment for rapid deployment.
- **自主研发：**自主研发点焊功能包，精准控制焊接参数并实时监控。
Self-Developed Core Technology: Proprietary spot welding function package enables precise parameter control and real-time monitoring.
- **高效调试与交付：**具备 PDPS 离线及虚拟调试功能，缩短现场调试时间。
Efficient Debugging & Delivery: Equipped with PDPS offline and virtual debugging functions, reducing on-site commissioning time.

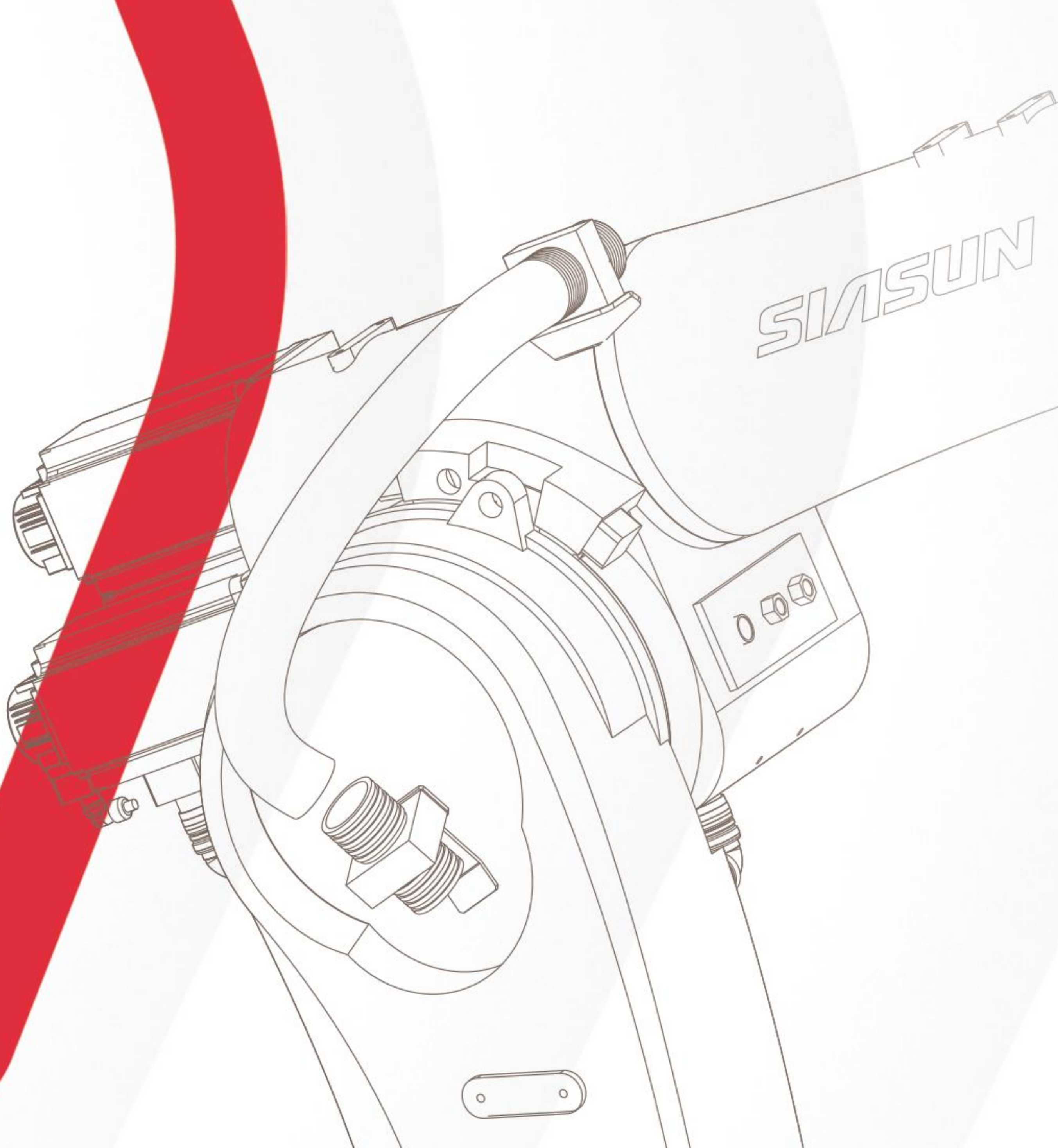
典型案例

Typical Case





SIASUN



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版本号VER: SX023008-A/0

