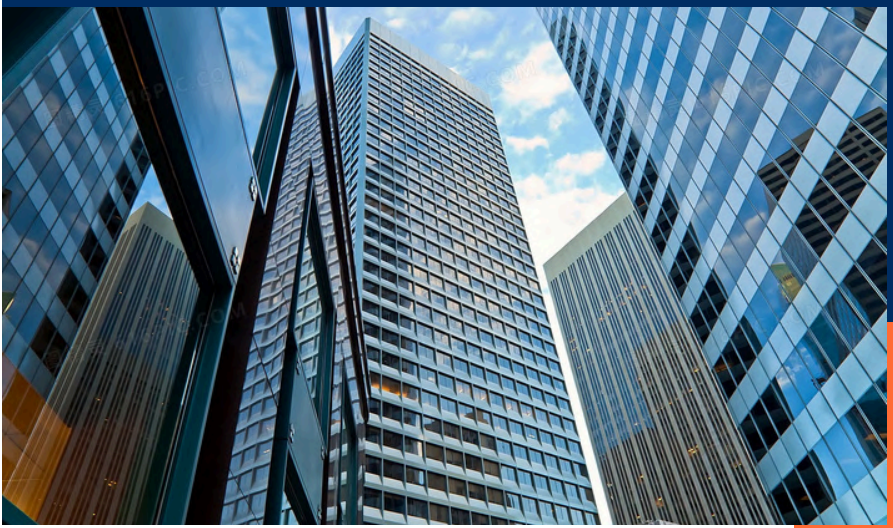
Precision Components
for Industrial Excellence

Jilin BATU Automation Equipment Co.,Ltd

Leading Manufacturer In
CNC Machine Parts For 10+ Years



www.jlbatucnc.com



About BATU

Jilin BATU Automation Equipment Co., Ltd is a reliable supplier in CNC machine parts. Located in Changchun, Jilin, China, we deliver high-quality products by employing advanced technology, machinery, and craftsmanship to suit the changing demands of our clients across the globe. We serve various industrial sectors, including aerospace, automotive industry, medical industry, and Crane automation.

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Why Choose Us





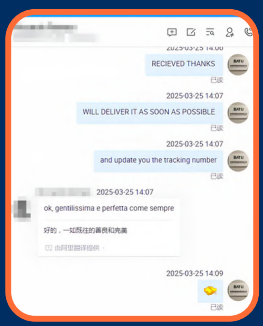
QUALITY ASSURANCE

SUFFICIENT STOCK

CUSTOMER TRUST

REASONABLE PRICE







Main Products

SIEMENS

Their range of products—from PLC to low voltage equipment and advanced drive systems—is designed to optimize efficiency, reliability, and sustainability.

- Ultra-High Precision & Modularity
- Open Architecture & Digital Integration
- Multi-Axis Superiority

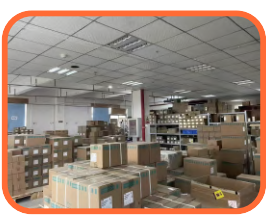
PLC Control System	CPU	HMI	Power Supply	I/O System
Drive System	Converter	Motor	Encoder	
Low Voltage Equipment	Circuit Breaker	Positioner	Relay	Soft Starter

For more brands to quote, please contact Sales Manager

SIEMENS STOCK









Main Products

MITSUBISHI

Mitsubishi PLC are intelligent devices designed to control industrial machinery and processes.They operate like the brain of an automation system, ensuring everything runs smoothly. Their systems are a cornerstone in industrial automation

- Cost-Effective Precision
- User-Friendly Interface
- Compact Robotics

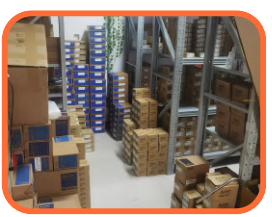
PLC Control System	CPU	HMI	Power Supply	I/O System
Drive System	Inverter	Servo Amplifier	Motor	
Low Voltage Equipment	Circuit Breaker	Contactor	Relay	

For more brands to quote, please contact Sales Manager

MITSUBISHI STOCK









Main Products

HEIDENHAIN

HEIDENHAIN products are primarily used in high-accurancy machine tools as well as manufacturing and processing systems for Electronic Components.

- Encoder Technology Leadership
- Absolute Positioning
- Thermal Stability

Encoder	Angle Encoder	Linear Encoder	Rotary Encoder	Digital Readout
Servo System	Servo Drive	Servo Motor		

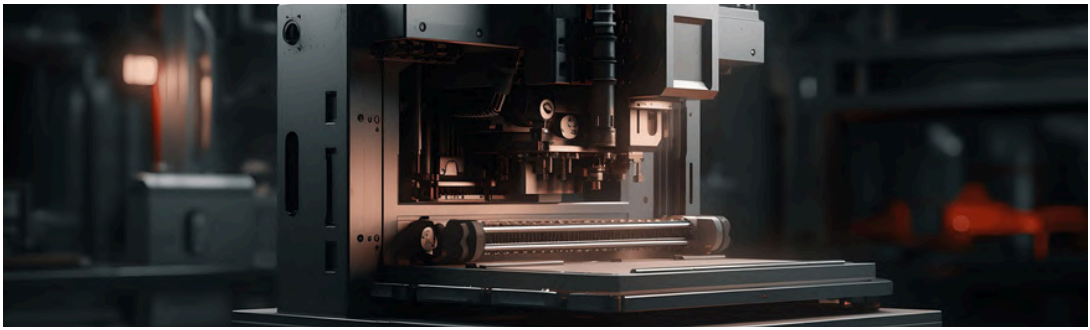
For more brands to quote, please contact Sales Manager

HEIDENHAIN STOCK









Main Products

FANUC

With millions of CNC installed worldwide, FANUC CNC systems provide the lowest Total Cost of Ownership and the highest Mean Time Between Failure rate in the industry

- Unmatched Reliability
- Cost Efficiency
- Robot-CNC Synergy

PLC Control System	CPU	HMI	Teach pendant	I/O Unit
Drive System	Servo Motor	Spindle Motor	Encoder	Servo Amplifier
Robot	Articulated Robots	Delta Robots	Specialty Robots	

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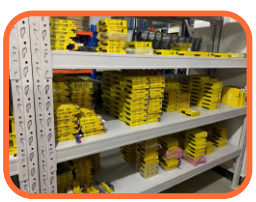
FANUC STOCK









Application

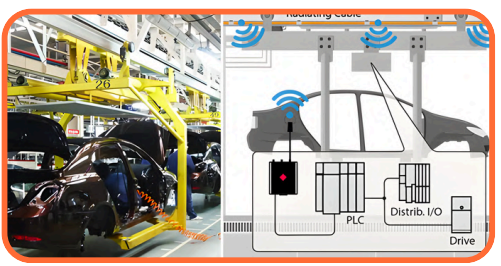
AUTOMOTIVE

The production of automobile involves various stages, such as welding, assembly, inspection and other processes. These stages include tasks like arc welding, spot welding, painting, and transferring materials between stamping machines. So the automotive industry strives for high-quality, cost-effective, and efficient production through continuous 24-hour mass manufacturing, making industrial robots essential to achieving these goals.

e.g. Siemens S7-1500 PLC modules can optimize stamping line cycle times by 15%, reducing downtime caused by signal interference.

- Real-Time Processing
- Scalability and Flexibility
- High Reliability

How it works





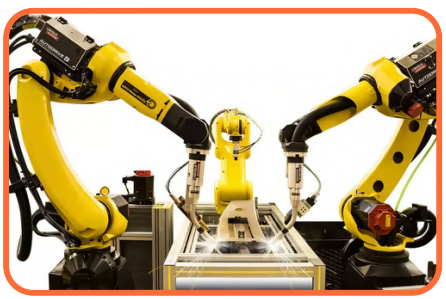
Application

AEROSPACE

PLC are at the heart of aerospace systems, helping to automate everything from aircraft control systems to testing equipment; from aircraft manufacturing to airport operations, here are some of the most common applications:

e.g. Heidenhain linear encoders achieve ±0.001 mm repeatability for titanium alloy turbine blade machining.

ARC WELDING



HANDLING AND ASSEMBLY



Solution

Rapid Response Case of Mitsubishi Servo Drivers in Automotive Welding Robots

BACKGROUND

Industry:
Automotive Manufacturing
(Asian plant of a German car manufacturer)
Equipment Type:
Welding robot production line
(50 KUKA robotic arms).

PROBLEM

Fault Symptoms:
Frequent "Overload " alarms in servo drivers, causing robotic arm shutdowns. Each repair took 2 hours.
Impact:
Average 3 shutdowns/day, resulting in 120 hours/month of lost welding time;
Delayed delivery of 2 batches, incurring €150,000/month in penalties.

Solution

Rapid Response Case of Mitsubishi Servo Drivers in Automotive Welding Robots

STEP 1

Product Compatibility Analysis
Selected Component:
Mitsubishi MR-J5W3-030B6 Servo Driver
Technical Adaptations:
300% instantaneous overload capacity (vs. 200% in original drivers);
Built-in vibration suppression algorithm for high-frequency start-stop cycles.

Metric	Pre-Failure	After-fixed
OEE	89%	92%
Monthly Down Times	≤1	0
Single Maintenance Cost	$ 9600	$ 3000

STEP 2

Service Response Process
Emergency Response Chain:
Fault reporting ;
Remote diagnosis by technical team ;
Local warehouse dispatch;
On-site replacement + parameter tuning.

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We believe BATU is your reliable partner in CNC machine parts



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