

Metal-Asia

Supervised Installation, Commissioning, and After-sales Service for Chinese Equipment

Industrial project success in the B2B segment is measured by the moment equipment reaches its design capacity. [Metal-Asia.pw](#) provides professional commissioning, transforming "cargo delivered" into "facility operational." We coordinate startups for projects where [industrial automation and spare parts](#) are installed, ensuring full system integration. An [engineering audit](#) of site readiness is a mandatory step before work begins.

Organizing Supervised Installation and Integration

Supervised installation under our experts' guidance guarantees correct assembly of complex units. We facilitate launches involving high-tech [production lines](#). Our engineers monitor frame positioning accuracy, utility connection quality, and check [PLC systems](#) for readiness to load control programs.

Commissioning (PNR) and Calibration

During the commissioning phase, we perform final equipment tuning. This includes:

- **Management Network Configuration:** Setting up interfaces where [DCS systems](#) are used.
- **Robotics Testing:** Calibrating units involving [servo systems and robotics](#).
- **Safety System Verification:** Checking the operation of [emergency shutdown systems](#).

Non-Destructive Testing during Installation

To ensure the reliability of critical connections, we apply [NDT quality control](#). Ultrasonic testing of mounting welds and hardness checks of steel structures guarantee operational safety. This is especially vital for equipment from leading brands like the [ABB brand](#).

Power Tuning and Protection

Production stability depends on power supply quality. We tune control cabinets where [power electronics and relay protection](#) are installed, ensuring predictive protection against surges and overloads.

Personnel Training and Technical Support

We conduct comprehensive training for operators and technical specialists. This includes working with HMI panels, basic algorithm programming, and scheduled maintenance regulations. After startup, we provide remote technical support and prompt spare part supply to minimize downtime.

Frequently Asked Questions

How long is a standard commissioning cycle for a CNC machine? Typically 3 to 7 working days, depending on system complexity and site readiness.

Do you train personnel on Chinese software? Yes, we conduct training in the required language using localized operational manuals.

Can commissioning be ordered for equipment bought from another vendor? Yes, we provide technical support and startup services for third-party equipment if documentation is available.

What guarantees do you provide for installation work? We are responsible for the correctness of tuning and equipment functionality during the warranty period specified in the contract.

How is remote PLC diagnostics carried out? We use secure communication channels to monitor control system status in real-time.

Do you supply consumables after the line launch? Yes, we organize regular supplies of genuine consumables to ensure uninterrupted operation.

Request for Commissioning Support

Planning a new workshop launch? Contact us to organize professional supervised installation and commissioning. We will ensure your equipment reaches design capacity in the shortest possible time.

Milos Kovacevic

LEAD QUALITY CONTROL ENGINEER (QA/QC)

Expert in industrial project launches and after-sales service.
Specializes in coordinating commissioning and supervised installation of complex automated systems, personnel training, and developing equipment maintenance strategies.



EXPERT PROFILE