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SERVICE: service@rongwin.com
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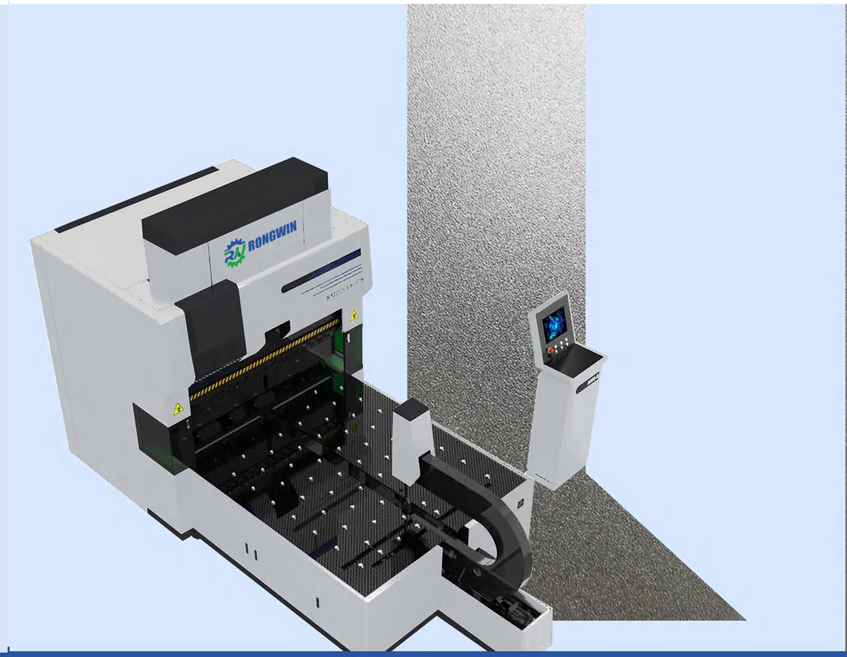


Nanjing RONGWIN Machinery Technology Co., Ltd.

Your Reliable Partner in Smart Custom Metal Manufacturing Solutions - For Life

www.rongwin.com

www.metalworkmaster.com

RONGWIN: Mastering Metal, Shaping Futures

RONGWIN

MASTERING METAL
SHAPING FUTURES

Enterprise mission

Innovating intelligent metal processing technologies,
we co-create customized solutions with global clients,
backed by lifetime commitment to their operational excellence.

Corporate vision

Redefining the metal processing landscape as a
trusted partner, where smart customization and lifelong
collaboration shape industry excellence

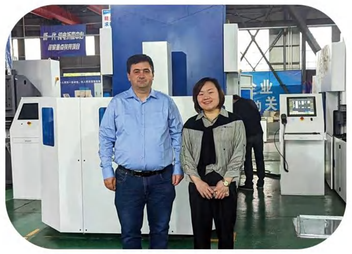
Corporate values

Collaborative Excellence
Relentless Growth
Thriving Together
Future-Ready
Outcome Architects
Customer Obsession
Gratitude in Action
Uncompromising Integrity

CONTENTS

SERIES SEARCH

Existing client partners


Macedonia Customers


Romania Customers


Ethiopian Customers


Swiss Customers


India Customers


Portugal Customers

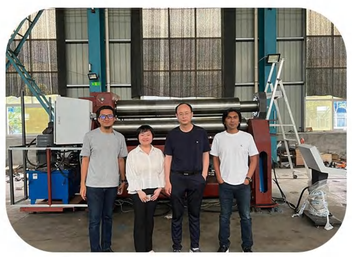
Iranian Customers


Vietnam Customers


New Zealand Customers

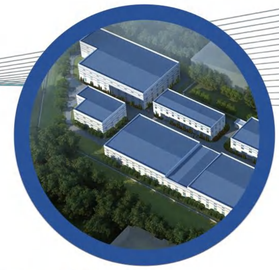

Philippine Customers


Bangladesh Customers


Malaysia Customers

"RONGWIN"= Your Success, Our Mission
Contact our engineers to upgrade your metal fabrication:
info@rongwin.com **www.rongwin.com**

RONGWIN



Precision Press Brake Manufacturer Lifetime Partinerships

Your Reliable Partner in Smart Custom Metal Manufacturing Solutions - For Life

Core Expertise

Ultra-Precision Press Brakes

Angular:+0.25° Dimensional:+0.05mm

AI-powered bending accuracy control

Smart Manufacturing Solutions

Customized production line optimization

Energy-saving tech (30%+ efficiency boost)

Sustainable Value

Material utilization rate >95%

ISO 14001 eco-production systems

Co-development partnerships

Factory VR Demo

Why Us?

Full-lifecycle service commitment

82% Repeat Purchase Rate

24/7 Multilingual Support

15 years press brake manufacturing experience

Honor Certification

Suction cup type universal series flexible bending center

Vacuum suction feeding, compact structure

RWA05-XC Series

MODEL FEATURES

- Using the suction cup feeding method
- Applicable to workpieces with smooth surfaces that can be adsorbed by suction cups
- Standard configuration includes 11-axis concurrent linkage control and standard power hinge cutter.
- Small in size, convenient for loading and unloading.

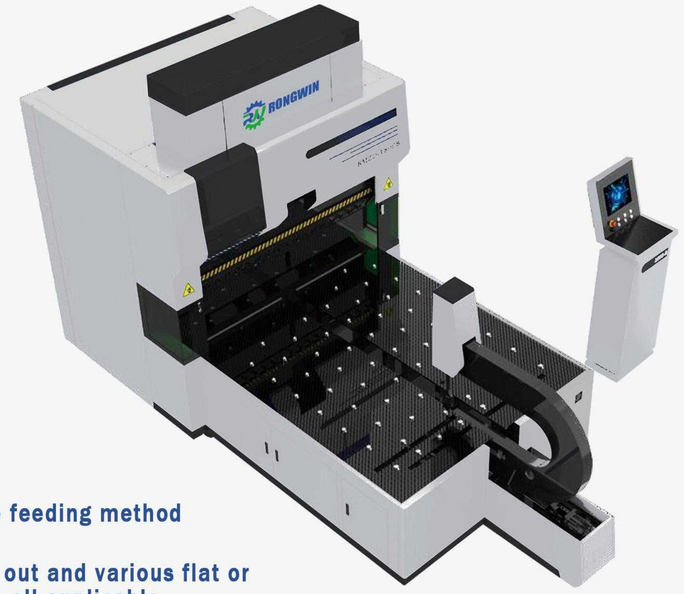
EQUIPMENT SPECIFICATION PARAMETERS

DEVICE MODEL	BENDING DIMENSION MAXIMUM MM	BENDING DIMENSION MINIMUM MM	BENDING HEIGHT MM	MOTOR POWER KW	BOUNDARY DIMENSION CM	TOTAL MASS	BENDING THICKNESS (FULL SIZE) SS-MM	BENDING THICKNESS (FULL SIZE) CS-MM	NUMBER OF AXLES
RWA05-1000XC	1000*1000	160-270	170	27.3	284*152*280	6.8	1.0	1.2	11
RWA05-1200XC	1200*1200	160*270	170	22.1	345*176*300	9.0	1.0	1.2	11

Arm-pressing universal series flexible bending center

Pressure arm type feeding, with strong versatility

RWA03-P Series



MODEL FEATURES

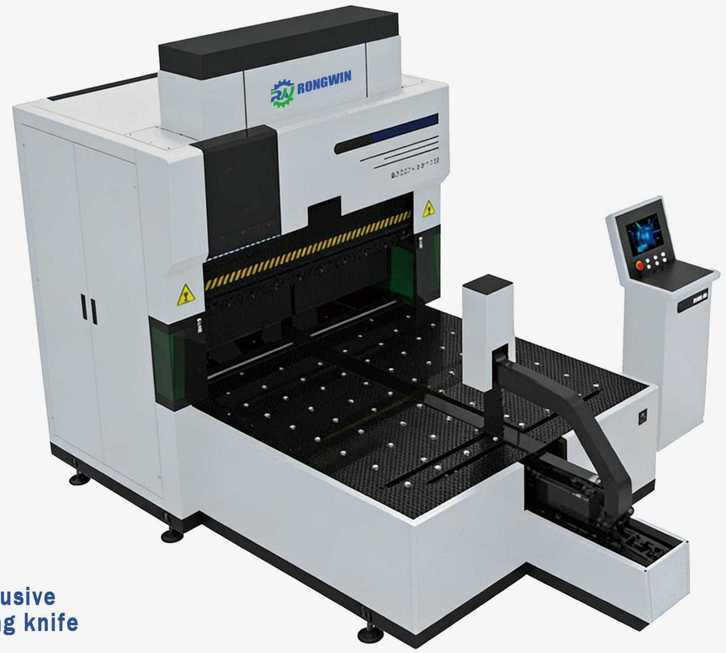
- Using the push-arm type feeding method
- Holes, waves, hollowing out and various flat or irregular workpieces are all applicable.
- Standardly equipped with a power hinge knife to avoid chipping and scratches on the blade plate.
- Available in various knife-hanging methods

EQUIPMENT SPECIFICATION PARAMETERS

DEVICE MODEL	BENDING DIMENSION MAXIMUM MM	BENDING DIMENSION MINIMUM MM	BENDING HEIGHT MM	MOTOR POWER KW	BOUNDARY DIMENSION CM	TOTAL MASS	BENDING THICKNESS (FULL SIZE) SS-MM	BENDING THICKNESS (FULL SIZE) CS-MM	NUMBER OF AXLES
RWA03-1000P	1000*1000	160-200	170	29.0	424*176*298	11.0	1.5	2.0	15
RWA03-1400P	1400*1400	160*200	170	29.0	460*200*285	12.5	1.5	2.0	15
RWA03-2000P	2000*1250	160-200	170	47.7	533*270*315	18.5	1.5	2.0	15
RWA03-2500P	2500*1500	160*200	170	73.7	587*315*310	23.0	1.0	2.0	15

Heavy plate bending series, with outstanding performance.

RWA05-PC1/3 Series



MODEL FEATURES

- Standard equipped with exclusive patented pneumatic clamping knife
- Designed specifically for thick plates, the cold-rolled sheet can be up to 3mm thick at its thickest point.
- Optional PAS enhanced version (completely upgraded with x/w/z three-axis and three-drive system)

EQUIPMENT SPECIFICATION PARAMETERS

DEVICE MODEL	BENDING DIMENSION MAXIMUM MM	BENDING DIMENSION MINIMUM MM	BENDING HEIGHT MM	MOTOR POWER KW	BOUNDARY DIMENSION CM	TOTAL MASS	BENDING THICKNESS (FULL SIZE) SS-MM	BENDING THICKNESS (FULL SIZE) CS-MM	NUMBER OF AXLES
RWA05-1400PC1/3	1400*1400	160-200	170	32.95	467*198*300	12.0	2.0	3.0	15
RWA05-2000PC1/3	2000*1250	160*200	170	71.5	533*270*327	21.0	1.5	2.5	15
RWA05-2500PC1/3	2500*1500	160-200	170	73.7	587*315*327	25.0	1.5	2.5	15
RWA05-3200PC1/3	3200*1500	290*340	170	71.5	667*392*342	30.0	1.0	2.0	15

Automated Loading and Unloading Gantry Crane Solution

MODEL FEATURES

- The same control system as the bending center, simple and efficient
- Fully independently developed, compatible with more upstream and downstream equipment
- The structure is simple and enables efficient loading and unloading.

EQUIPMENT SPECIFICATION PARAMETERS

MATERIAL LOADING PLATFORM DIMENSIONS (CM)	378*233*247
DIMENSIONS OF THE LOADING AND UNLOADING GANTRY CRANE (IN CM)	73*53*210

AUTOMATIC LOADING
AND UNLOADING SOLUTION

The automatic knife assembly series offers high cost performance.

RWA05-A Series

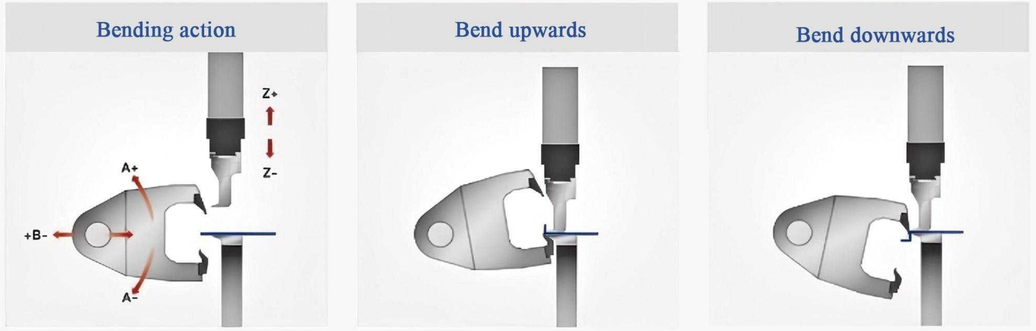
MODEL FEATURES

- Exclusive patented automatic blade assembly algorithm
- Power hinge knife with automatic alignment of blades, achieving the highest overall efficiency.
- Meet the processing requirements for various types of small-batch and diverse products
- Standard equipment includes automatic cutting knife and bending auxiliary knife.

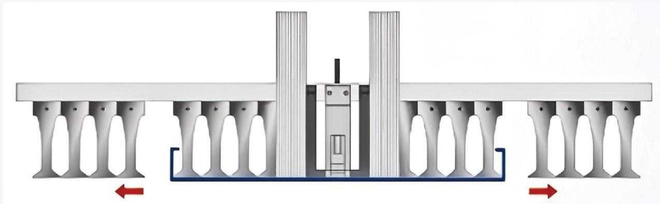
EQUIPMENT SPECIFICATION PARAMETERS

DEVICE MODEL	BENDING DIMENSION MAXIMUM MM	BENDING DIMENSION MINIMUM MM	BENDING HEIGHT MM	MOTOR POWER KW	BOUNDARY DIMENSION CM	TOTAL MASS	BENDING THICKNESS (FULL SIZE) SS-MM	BENDING THICKNESS (FULL SIZE) CS-MM	NUMBER OF AXLES
RWA05-2000A,	2000*1250	200*240	170	74.6	536*347*329	23.0	1.5	2.5	21
RWA05-2500A	2500*1500	200*240	170	76.8	548*430*330	26.0	1.5	2.0	21
RWA05-3200A	3200*1500	200*240	170	113.0	670*560*345	30.5	1.5	2.0	21

Schematic diagram of bending principle and action



Introduction to splicing of bending tools



Automatic splicing of bending tools

Automatically adjust the tool according to the bending sizeof the workplece, and ensure that the size of the splicingbending tool is consistent with the size of the workpiece.

Automatic aggregation

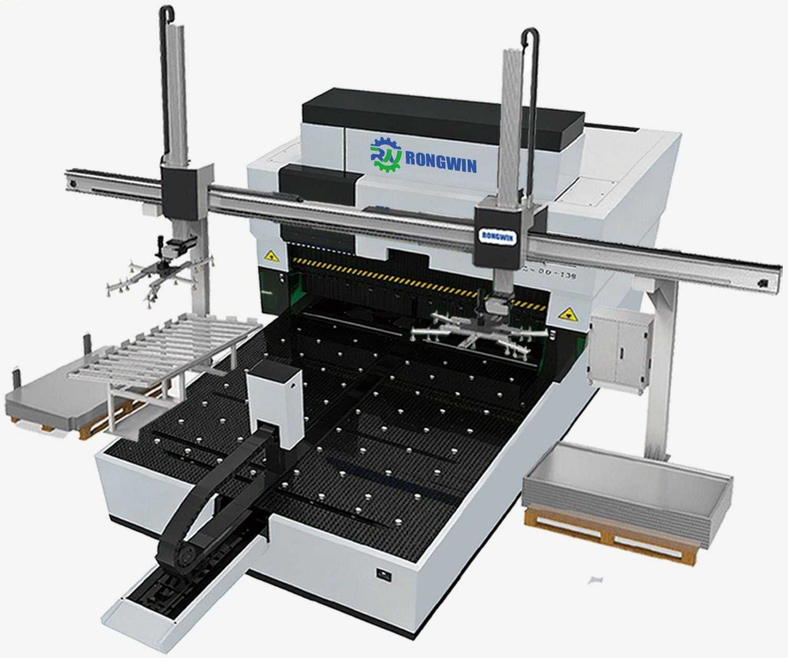
After the bending of the box shaped workpiece is completed,the mold will get stuck. This function can be used to retract themold, remove the workpiece, and then unfold the tool.

Automatic tool change

Preparation　　Press down　　Unfold the bending tool

Truss loading and unloading scheme

RWA-UL-X8 Series



MODEL FEATURES

- Simple structure, high cost-effectiveness
- The same control system as the bending center, making maintenance much easier.

EQUIPMENT SPECIFICATION PARAMETERS

DEVICE MODEL	EFFECTIVE TRAVEL	BOUNDARY DIMENSION	ROTATION ANGLE	NUMBER OF AXLES	CONTROL SYSTEM
RWA6050-UL-X8	600/30/130	700/250/400	360°	8	Fully self-developed system
RWA7050-UL-X8	700/30/130	800/250/400	360°	8	Fully self-developed system
RWA9070-UL-X8	900/30/130	1000/250/400	360°	8	Fully self-developed system
RWA120100-UL-X8	1200/30/130	1260/250/400	360°	8	Fully self-developed system

Mechanical arm loading and unloading scheme

MODEL FEATURES

RWA1820 Series

- Optional single-arm/double-arm loading and unloading solution
- The same control system as the bending center, making maintenance much easier.
- Changing the workpiece does not require reprogr--amming The bending action is smooth and seamless.
- The robotic arm system supports the secondary development of the process package.

EQUIPMENT SPECIFICATION PARAMETERS

DEVICE MODEL	NAME	MAXIMUM ARM SPAN	MAXIMUM LOAD INCLUDING SUCTION CUP FIXTURES	CLAMPING THE SHEET MATERIAL MAX OVERALL DIMENSIONS	LEVEL OF PROTECTION	CONTROL SYSTEM
RWA1820	Six-degree-of-freedom robotic joint	1800	20KG	1400*1400	IP65/IP54	Fully self-developed system
RWA2750	Six-degree-of-freedom robotic joint	2732	50KG	Adjust to the corresponding bending center size	IP63/IP63	Fully self-developed system
RWA2780	Six-degree-of-freedom robotic joint	2700	80KG	2000*1500	IP65/IP54	Fully self-developed system
RWA30100	Six-degree-of-freedom robotic joint	3000	100KG	2500*1500	IP65/IP54	Fully self-developed system

Fully self-developed multi-axis concurrent linkage numerical control system

(Applicable to bending center and automatic loading/unloading schemes)

DEMONSTRATOR

- The teaching pendant of the robotic arm is easy to operate and simple to learn.
- Integrated teaching and control

SYSTEM HIGHLIGHTS

- Powerful System: Excellent system stability, strong scalability, and abundant reserved automation interfaces.
- Concurrent linkage control: It can be infinitely cascaded, with zero time lag, high coordination, capable of responding in nanosecond levels, and compatible with the EtherCAT bus.
- Acceleration and deceleration control: Each action is controlled more precisely, the equipment operates more smoothly, and mechanical shocks are significantly reduced.
- Higher system accuracy: System control accuracy is 0.01mm, capable of meeting the requirements of higher precision bending processes.

SAMPLE EXAMPLE

By using universal bending molds, only one set of molds is needed to complete the bending of various shapes. Users do not need to customize additional molds. The equipment can easily meet the requirements for bending of round arcs, die edges, loops, closed shapes, and other complex types of sheet metal.

1

Edge Crushing

2

Complex Style

3

Loop-Shaped

4

Closed Type

5

Arc

SAMPLE EXAMPLE

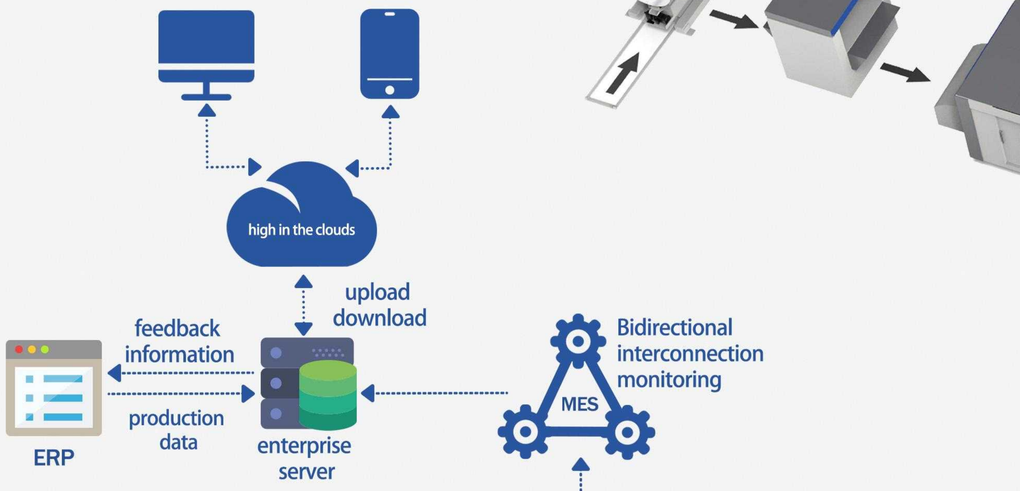
It has been widely applied in steel cabinet shells (such as filing cabinets, tool cabinets, protective covers, electrical cabinets, gas cabinets, water meter cabinets), kitchenware (refrigerators, air conditioners, cookers, etc.), furniture, ventilation, refrigeration, purification, door manufacturing, decoration, elevators and other related metal forming fields.

PRODUCT
BRIEF INTRODUCTION

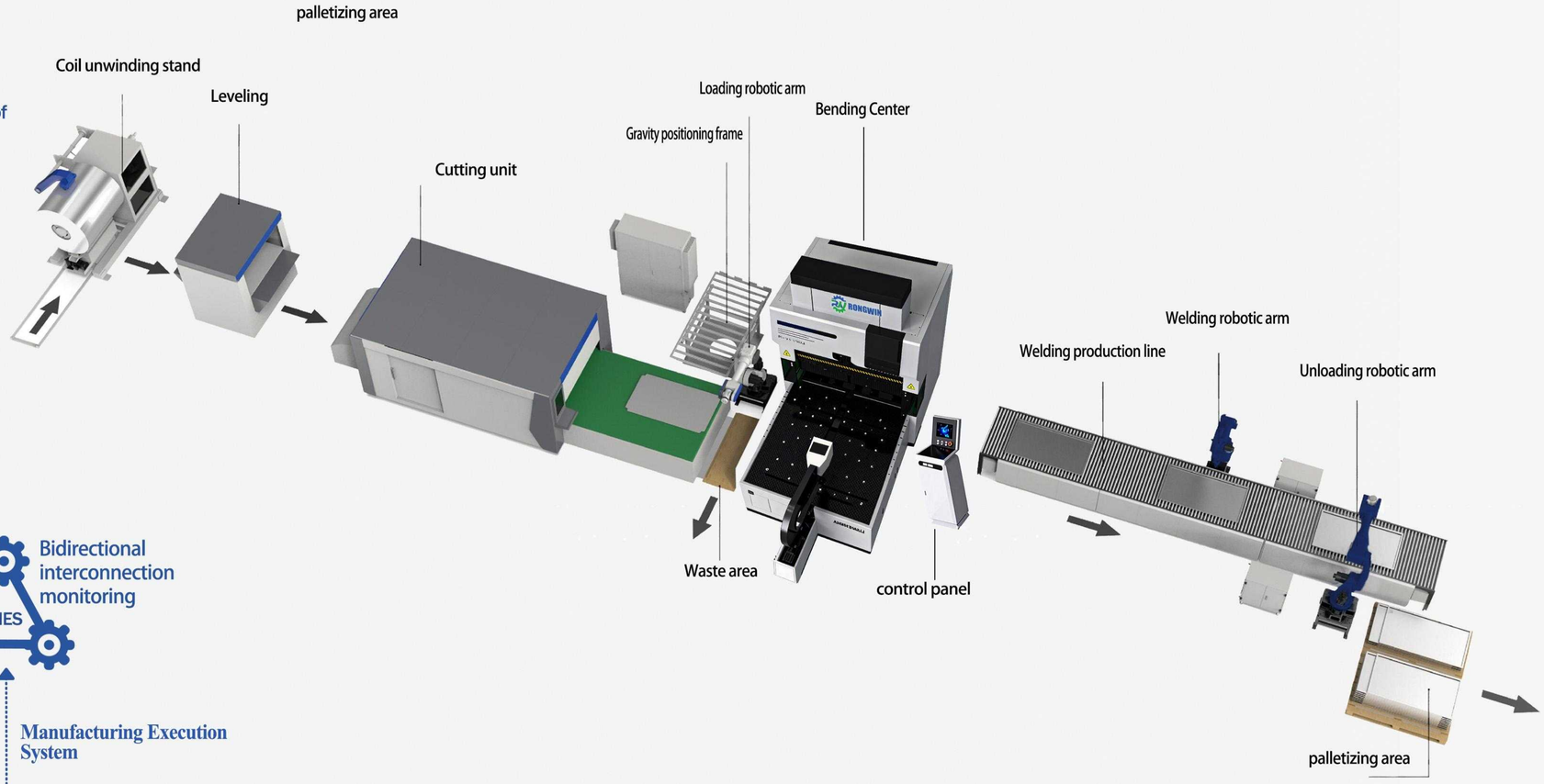
Industry 4.0

MES(Manufacturing Execution System)

MES can optimize the management of the entire production process from the issuance of product orders to the completion ofproducts through the transmission ofinformation. It canrespond and report real-time events that occur in the factory in a timelymanner, and provide guidance and processing with current accurate data.

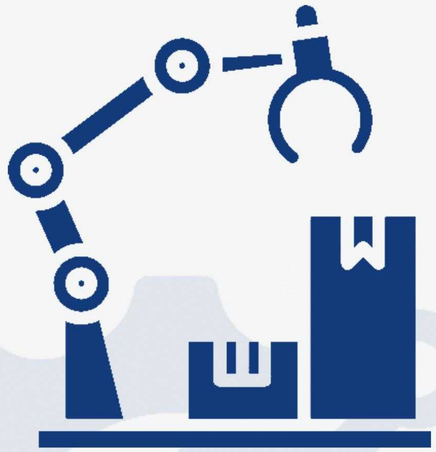


Manufacturing Execution System



Automation production line solution

- The entire sheet metal production line is controlled by a single system, featuring excellent coordination, simple operation, convenient maintenance and high efficiency.
- The Internet of Things on the production line enables real-time access to production reports, making management more convenient.
- The system is independently developed by our company, with free access interfaces. It is fully autonomous and controllable. It can be easily integrated with the customer's MES system, or it can be connected to the Lan Hao Cloud Information System.

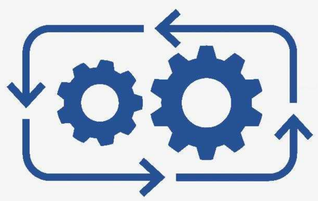


SMART MANUFACTURING SOLUTIONS

With custom press brake as core products, smart manufacturingsolutions, metalworking machinery, Equipment Retrofit Solutions,toolings and spare parts as service extensions, the "hardware +service" dual-wheel drive model.

Metalworking Machinery

Equipment Retrofit Solutions



Toolings and Spare Parts

ADVANTAGES OF AFTER-SALES SERVICE

Lifetime Service Tracking

Accessory Upgrade Service

24 Hours Online service

Complete After-sales Service At One step

Establish digital archives for each piece of equipment, continuously recording the operation and maintenance history. Provide preventive maintenance suggestions and precision calibration reminders to ensure your bending machine remains in the best production condition for an exte--nded period.

We promise to respond within 24 hours. We can provide quick guidance through the remote diagnosis system.

Dispatch technical experts, carrying spare parts and plans for on-site service. The goal is to solve the problem once and for all. After completion, provide a test report and conduct on-site testing and training to ensure your smooth usage

Ensure the long-term supply of original factory quality components, even if the equipment has been out of production for ten years. At the same time, for old equipment, provide reliable upgrade solutions for the electrical system and control system to enhance efficiency and safety, and extend the value of the equipment.