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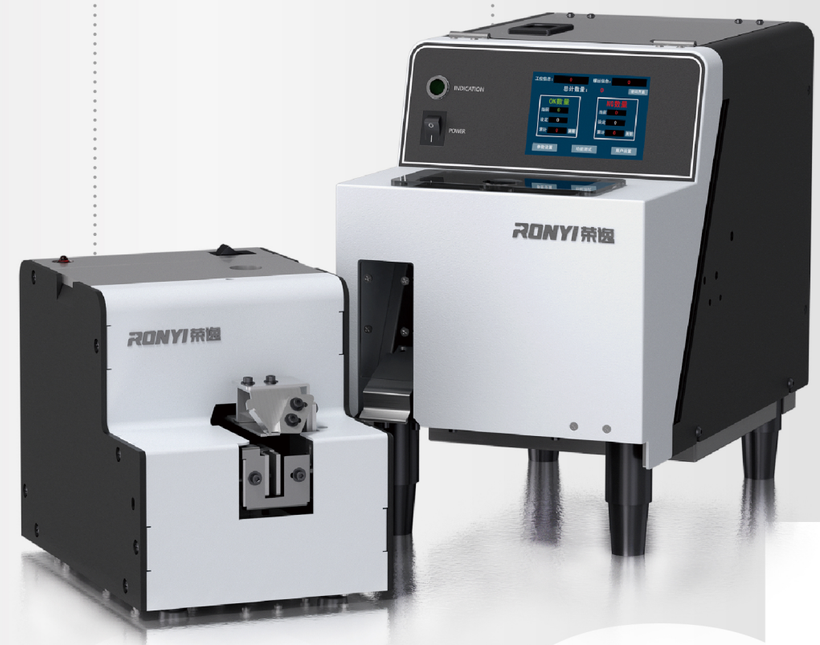
Website WeChat

RONYI 荣逸

TIME

2010
The rise of technology

2026
Empower enterprises to build their own tightening ecosystem



ONE-STOP SCREW FASTENING SOLUTIONS PROVIDER

2026

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RONYI 荣逸

One-Stop Solution to Screw Fastening Challenges

Founded in 2010, Kunshan Rongyi Automation is a National "Specialized, Refined, Differential, Innovative" Enterprise, Jiangsu Innovative SME and High-Tech Enterprise. We focus on high-precision, digital, full-scenario intelligent fastening & automatic feeding solutions, to provide domestic substitution for global manufacturing, striving to become a benchmark for Industry 4.0 intelligent assembly.

- Headquarters in Kunshan **3800m²⁺**
- Domestic Coverage: East China, South China, etc. Overseas Coverage: Vietnam, Southeast Asia, etc. **200⁺Staff**
- Subsidiaries **4⁺**
- Invention Patents **7⁺**
- 3C Electronics Industry Penetration **95%⁺**
- Auto Parts Coverage **86%⁺**
- Cumulative Deliveries **30,000⁺**
- Annual R&D Investment **15%⁺**

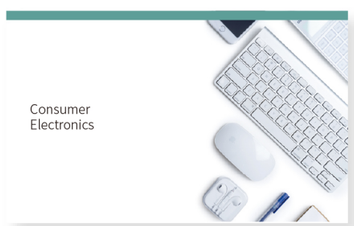


2026
Corporate Directory

应用场景











应用行业

· New Energy Vehicles

Battery pack/module/cell, BMS/PDU, motors/gearboxes; meets high precision & safety requirements.

· Automotive Components

Applied in powertrain, chassis, electronics; achieves high efficiency & anti-slip fastening.

· Communications

Meets multi-scenario adaptation needs; solves pain points in large screw fastening for anti-vibration requirements.

· Medical

Meets sterile, clean & FDA/GMP requirements; adapts to compact medical devices.

· Automotive Electronics

Meets sterile, clean & FDA/GMP requirements; adapts to compact medical devices.

· Consumer Electronics

Adapts to small precision products; solves cross-bit, slippage & torque issues.

· Home Appliances

Covers large/small household appliances; solves multi-model production pain points.

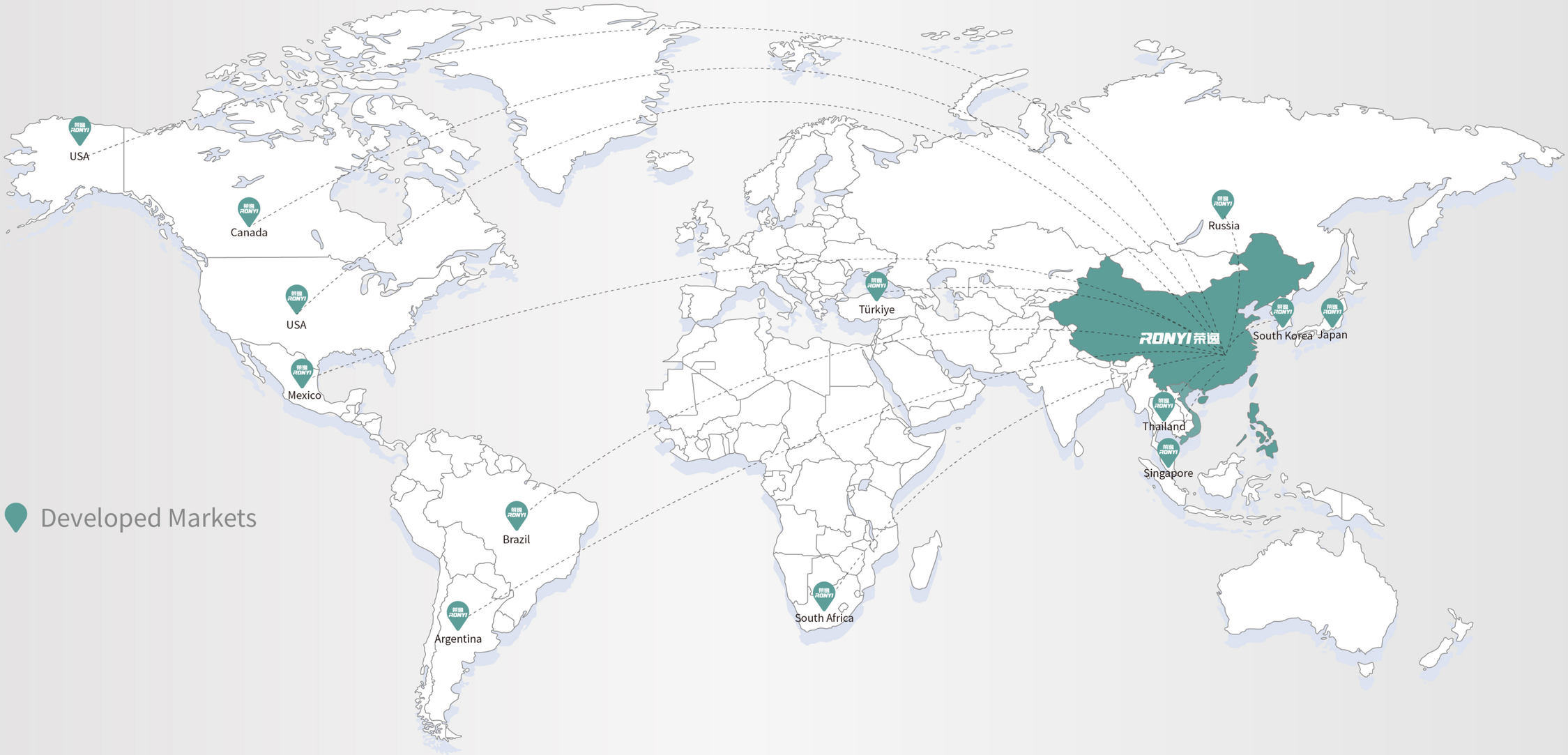
· Toys

Adapts to plastic toys; solves cross-bit issues and meets low-torque requirements.

Global Reach, Local Support

Rongyi Full-Cycle Closed-Loop Service: Hassle-Free Support From Selection to O&M
1-on-1 Customized Solutions, On-Site Production Line Survey, Accurate Working Condition Matching

800 +	50 +	30 +	24 h	34 个	14 +
Partnerships	R&D Experts	Service Team	24/7 Support	Provincial Coverage	Export Markets





RONYI SMART FASTENING
PRECISION IN EVERY STEP

Intelligent Manual Station
Build Your Own Fastening Ecosystem



INTELLIGENT MANUAL STATION

Smart Start

MANUAL STATION SERIES

MANUAL STATION SERIES: TURNTABLE MANUAL FEEDING TYPE, HANDHELD PNEUMATIC BLOWING TYPE, HANDHELD INTELLIGENT ELECTRIC SCREWDRIVER, SUPPORT ARM

TURNTABLE MANUAL PICK SCREW FEEDER


QHW-328


QHW-528


QHW-301S


QHW-221


QHW-728


QHW-160


QHW-190


QHW-160FD


QHW-190FD

COUNTING TYPE SCREW FEEDER


QSW-221


QSW-728


QSW-190


QSW-160FD


QSW-190FD


QST-220FD


QST-350FD


QST-200


QST-300


QST-350

HANDHELD AIR BLOWING SERIES


QDW-120


QDW-190FD


QDT-200


QDT-300


QDT-350

Turntable Manual Pick Screw Feeder

Core Poka-Yoke Device for Screw Fastening, with Manual Pick-Up & Automatic Sorting/Counting

- Low Screw Jam
- High stability
- Easy operation
- High precision



Help enterprises build their own tightening ecosystem.

Produt Details



QHW-328

Turntable Manual Pick Screw Feeder

Dimensions: L160*W82*H118mm

(No washer screws)

Weight: N.W. 1.53KG

Flat Head Screws Pan Head Screws

Head		Thread (M1.0~M1.7)	(M2.0)
Dia	1.5≤D≤3	Thread L	≤5 ≤3
Thick	0.3≤H≤1	OAL	<6 <4

Range	Capacity	Protocol
M1.0-M2.0	50CC	IO



QHW-528

Turntable Manual Pick Screw Feede

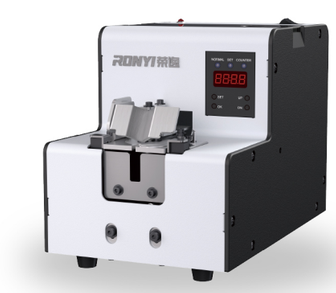
Dimensions: L182*W124*H145mm

Weight: N.W 3.1KG

Flat Head Screws Pan Head Screws Hexagon Socket Screws Hexagon Head Screws

Head		Thread (M1.0~M3.0)	(M4.0)
Dia	1.5≤D≤8	Thread L	≤12 ≤9
Thick	0.3≤H≤5	OAL	<15 <10

Range	Capacity	Protocol
M1.0-M4.0	220CC	IO



QHW-301S

Turntable Manual Pick Screw Feede

Dimensions: L202*W126*H150mm

Weight: N.W 3.1KG

Flat Head Screws Pan Head Screws Hexagon Socket Screws Hexagon Head Screws

Head		Thread (M2.0~M3.0)	(M4.0)
Dia	1.5≤D≤8	Thread L	≤12 ≤9
Thick	0.3≤H≤5	OAL	<15 <10

Range	Capacity	Protocol
M2.0-M4.0	220CC	IO

H TURNTABLE MANUAL PICK SCREW FEEDER

MANUAL DIGGING



QHW-221

Turntable Manual Pick Screw Feeder

Dimensions: L182*W123*H145mm

Weight: N.W 3.5KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M1.2~M2.0) (M2.3-M4.0)		
Dia	1.5≤D≤8	Thread L	≤8	≤6
Thick	0.3≤H≤5	OAL	<10	<8

Range	Capacity	Protocol
M1.2-M4.0	300CC	IO



QHW-160

Turntable Manual Pick Screw Feeder

Dimensions: L263*W162*H178mm

Weight: N.W 5KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M3.0) (M4.0-M5.0)		
Dia	3≤D≤12	Thread L	≤20	≤15
Thick	0.3≤H≤7	OAL	<25	<20

Range	Capacity	Protocol
M2.0-M5.0	600CC	IO



QHW-728

Turntable Manual Pick Screw Feeder

Dimensions: L263*W162*H178mm

Weight: N.W 5KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M3.0) (M4.0-M5.0)		
Dia	3≤D≤12	Thread L	≤20	≤15
Thick	0.3≤H≤7	OAL	<25	<20

Range	Capacity	Protocol
M2.0-M5.0	600CC	IO



QHW-190

Turntable Manual Pick Screw Feeder

Dimensions: L288*W190*H213mm

Weight: N.W 7KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

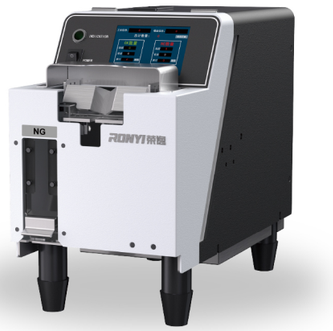
Head		Thread (M2.0~M3.0) (M4.0-6.0)		
Dia	3≤D≤15	Thread L	≤25	≤20
Thick	0.3≤H≤9	OAL	<30	<25

Range	Capacity	Protocol
M2.3-M6.0	900CC	IO

TURNTABLE MANUAL PICK SCREW FEEDER

Low Screw Jam · High stability · Easy operation · High precision





QHW-160FD

Turntable Manual Pick Screw Feeder

Dimensions: L323*W163*H279mm

Weight: N.W 8KG

Flat Head Screws · Pan Head Screws · Hexagon Socket Screws · Hexagon Head Screws

Head		Thread (M2.0~M3.0) (M4.0-M5.0)		
Dia	2≤D≤12	Thread L	≤20	≤15
Thick	1≤H≤7	OAL	<25	<20

Range	Capacity	Protocol
M2.0-M5.0	600CC	IO/485



QHW-190FD

Turntable Manual Pick Screw Feeder

Dimensions: L323*W190*H290mm

Weight: N.W 9KG

Flat Head Screws · Pan Head Screws · Hexagon Socket Screws · Hexagon Head Screws

Head		Thread (M3.0~M6.0)	
Dia	5.5≤D≤15	Thread L	≤25
Thick	2≤H≤10	OAL	<28

Range	Capacity	Protocol
M3.0-M6.0	900CC	IO/485

Feeding Process

01



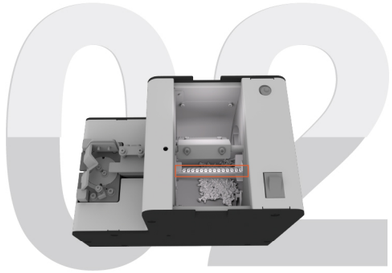
Loading Screws

Remove the top cover, check for foreign objects, then place screws into the hopper, keeping them 1-2mm below the rail edge.

02

Sorting & Screening

Screws align single-file on the rail. Brushes reject misaligned screws; sensors monitor feeding status.



03



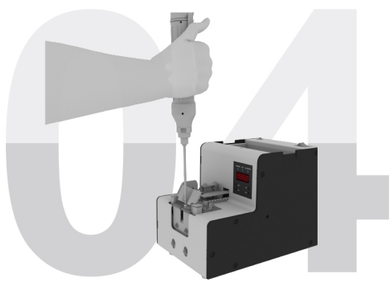
Ready for Pick-Up

Positioned screws remain stable at the pick-up station without shifting or slipping, ready for manual retrieval.

04

Pick-Up & Fastening

Align the screwdriver bit with the screw at the pick-up station, press down into the slot, and pull forward to fasten the screw.



Product Advantages

Wide Compatibility

- Supports multiple screw sizes
- Works with screws with L/D ratio ⩽ 1



Low Failure Rate

- DC brushless motor
- Ensures stable equipment operation



Low Screw Jam Rate

- Independent drive for screening mechanism
- Efficient rejection of misaligned screws

0.02%

Flexible Adjustment

- Visual parameter setting interface
- Chinese display available



High Positioning Accuracy

- Driven by cross Geneva mechanism
- Mechanical lock after positioning
- Repeat positioning accuracy: ±0.05



High-Efficiency Feeding

- Single screw feeding via 4-index turntable
- Feeding speed: 1–1.5 sec/pcs



Error-Proof Design

- QR Code Lid Lock Prevents Misloading

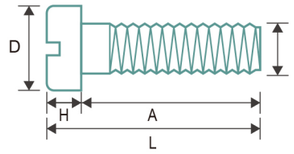


Versatile Functions

- Multiple expansion modules
- Low/Full hopper detection Screw cleaning, etc.



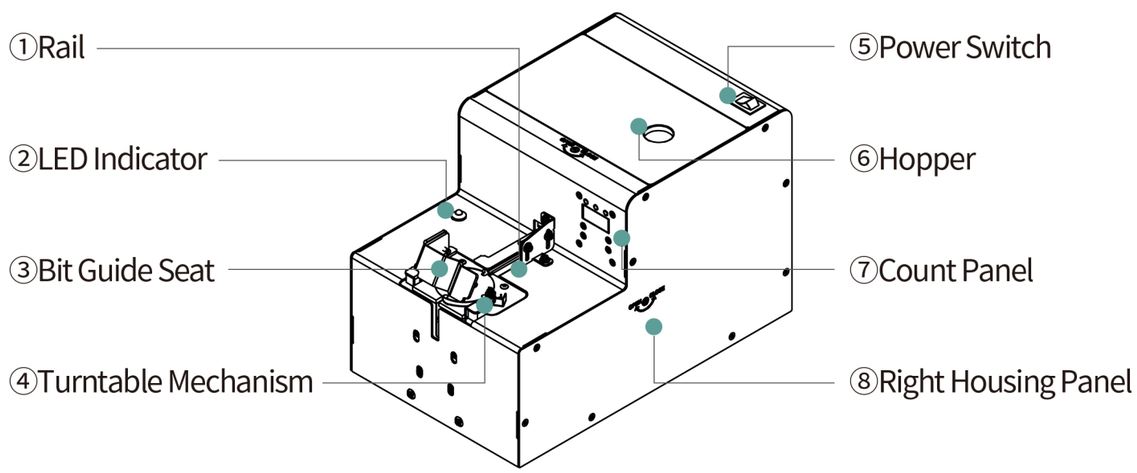
Applicable Models



Screw Range	Hopper Capacity	Model	Feeding Type	Power V/Hz
M1.0-M2.0	50cc	QHW-328	Turntable	240V/50Hz
M1.0-M4.0	220cc	QHW-528		
M1.2-M4.0	300cc	QHW-221		
M2.0-M4.0	220cc	QHW-301S		
M2.0-M5.0	600cc	QHW-728		
M2.0-M5.0	600cc	QHW-160		
M2.0-M5.0	600cc	QHW-160FD		
M2.3-M6.0	900cc	QHW-190		
M3.0-M6.0	900cc	QHW-190FD		

* Note: For reference only. Consult our tech support for actual screw specs; testing with custom screws available.

Product Structure



Counting Type Screw Feeder

Core Equipment for Standardized Production & Inventory Management

- Low Screw Jam
- High stability
- Easy operation
- High precision



Help enterprises build their own tightening ecosystem.

Produt Details



QSW-221

Counting Type Screw Feeder

Dimensions: L228*W123*H192mm

Weight: N.W 3.5KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M1.7~M2.0) (M2.3-M4.0)		
Dia	1.5≤D≤8	Thread L	≤8	≤6
Thick	1≤H≤5	OAL	<10	<8

Range	Capacity	Protocol
M1.7-M4.0	300CC	IO



QSW-728

Counting Type Screw Feeder

Dimensions: L263*W162*H222mm

Weight: N.W 5KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M3.0) (M4.0-M5.0)		
Dia	3≤D≤12	Thread L	≤20	≤15
Thick	0.3≤H≤7	OAL	<25	<20

Range	Capacity	Protocol
M2.0-M5.0	600CC	IO



QSW-190

Counting Type Screw Feeder

Dimensions: L345*W190*H254mm

Weight: N.W 7KG

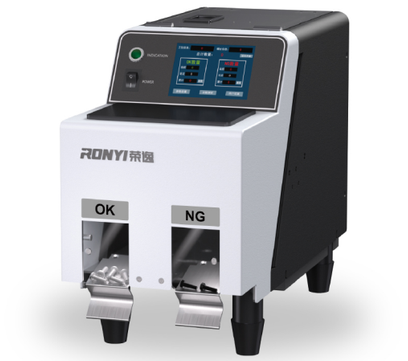
Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M3.0) (M4.0-6.0)		
Dia	3≤D≤15	Thread L	≤25	≤20
Thick	0.3≤H≤9	OAL	<33	<25

Range	Capacity	Protocol
M2.3-M6.0	900CC	IO

S COUNTING TYPE SCREW FEEDER

AUTOMATIC COUNT



QSW-160FD

Counting Type
Screw Feeder

Dimensions: L355*W163*H279mm

Weight: N.W 8KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M3.0) (M4.0~M5.0)		
Dia	3≤D≤12	Thread L	≤20	≤15
Thick	0.5≤H≤7	OAL	<25	<20

Range	Capacity	Protocol
M2.0-M5.0	600CC	IO/485



QST-200FD

Counting Type
Screw Feeder

Dimensions: L475*W220*H354mm

Weight: N.W 20KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M3.0~M6.0)	
Dia	5.5≤D≤15	Thread L	≤35
Thick	2≤H≤10	OAL	<45

Range	Capacity	Protocol
M3.0-M6.0	1000CC	IO/485



QSW-190FD

Counting Type
Screw Feeder

Dimensions: L355*W190*H290mm

Weight: N.W 9KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M3.0~M6.0)	
Dia	5.5≤D≤15	Thread L	≤25
Thick	2≤H≤10	OAL	<28

Range	Capacity	Protocol
M3.0-M6.0	900CC	IO/485



QST-350FD

Counting Type
Screw Feeder

Dimensions: L495*W350*H445mm

Weight: N.W 40KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M3.0~M10.0)	
Dia	5.5≤D≤15	Thread L	≤40
Thick	2≤H≤10	OAL	<50

Range	Capacity	Protocol
M3.0-M10.0	3000CC	IO/485

Produt Details



QST-200

Counting Type
Screw Feeder

Dimensions: L390*W200*H352mm

Weight: N.W 20KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M6.0)	
Dia	3≤D≤13	Thread L	≤40
Thick	2≤H≤9	OAL	<49

Range	Capacity	Protocol
M2.0-M6.0	1000CC	IO/485



QST-300

Counting Type
Screw Feeder

Dimensions: L390*W300*H352mm

Weight: N.W 25KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M6.0)	
Dia	3≤D≤13	Thread L	≤40
Thick	2≤H≤9	OAL	<49

Range	Capacity	Protocol
M2.0-M6.0	2000CC	IO/485



QST-350

Counting Type
Screw Feeder

Dimensions: L470*W350*H445mm

Weight: N.W 40KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M3.0~M10.0)	
Dia	3≤D≤13	Thread L	≤60
Thick	2≤H≤10	OAL	<69

Range	Capacity	Protocol
M3.0-M10.0	3000CC	IO/485

Feeding Process

01



Parameter Setting

Set target output count (e.g., 5 pcs) and adjust feeding speed as needed.

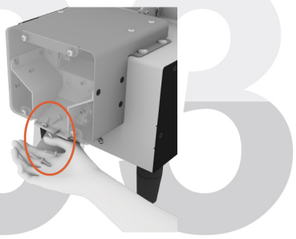
02

Screw Alignment

Hopper & rail inspection ensures smooth feeding to pick-up point without jamming or overlapping.



03



Ready for Pick-Up

Press the pick-up port. Feeding stops automatically when the set count (e.g., 5) is reached to prevent over-feeding.

04

Cycle Operation

Remove the counted screws to complete t he cycle, then start the next counting process.



Product Advantages

Wide Compatibility

- Supports multiple screw sizes
- Works with screws with L/D ratio ⩽ 1



Low Failure Rate

- DC brushless motor
- Ensures stable equipment operation



Precise Counting

- Dual sensors monitor the feeding unit
- Ensures highly accurate counting

0.02%

Flexible Adjustment

- Visual parameter setting interface
- Chinese display available



High Positioning Accuracy

- Driven by cross Geneva mechanism
- Mechanical lock after positioning
- Repeat positioning accuracy: ±0.05



High-Efficiency Feeding

- Single screw feeding via 4-index turntable
- Feeding speed: 1–1.5 sec/pcs



Error-Proof Design

- QR Code Lid Lock Prevents Misloading

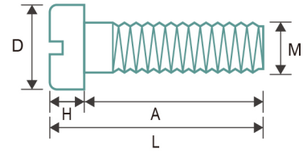


Versatile Functions

- Multiple expansion modules
- Low/Full hopper detection Screw cleaning, etc.



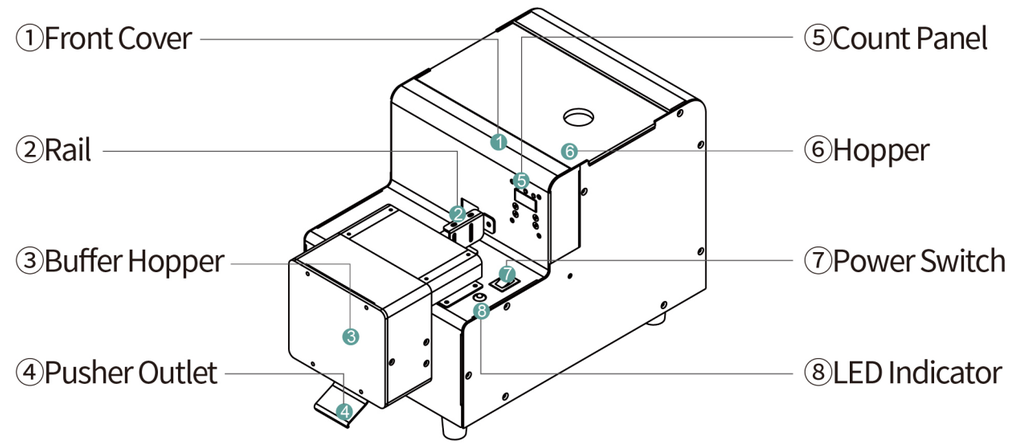
Applicable Models



Screw Range	Hopper Capacity	Model	Feeding Type	Power V/Hz
M1.7-M4.0	300cc	QSW-221	Turntable	240V/50Hz
M2.0-M5.0	600cc	QSW-728		
M2.3-M6.0	900cc	QSW-190		
M2.0-M5.0	600cc	QSW-160FD		
M3.0-M6.0	900cc	QSW-190FD		
M3.0-M6.0	1000cc	QST-220FD		
M3.0-M10.0	3000cc	QST-350FD		
M2.0-M6.0	1000cc	QST-200	Side-Pull	
M2.0-M6.0	2000cc	QST-300		
M3.0-M10.0	3000cc	QST-350		

* Note: For reference only. Consult our tech support for actual screw specs; testing with custom screws available.

Product Structure



Handheld Blow-type Screw Feeder

Integrated air feed for stable one-handed fastening

- Low Screw Jam
- High stability
- Easy operation
- High precision



Help enterprises build their own tightening ecosystem.

Produt Details



QDW-120

Drum-type Blow Screw Feeder

(No washer screws)

Dimensions: L338*W124*H240mm

Weight: N.W 6KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws

Head		Thread (M1.7~M2.0)	
Dia	1.5≤D≤6	Thread L	≤8
Thick	0.3≤H≤3	OAL	<10

Range	Capacity	Protocol
M1.7-M2.0	300CC	IO



QDW-190FD

Drum-type Blow Screw Feede

(No washer screws)

Dimensions: L355*W90*H290mm

Weight: N.W 10KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws

Head		Thread (M3.0~M6.0)	
Dia	5.5≤D≤12	Thread L	≤20
Thick	2≤H≤10	OAL	<30

Range	Capacity	Protocol
M3.0-M6.0	900CC	IO/485



QDT-200

Drum-type Blow Screw Feede

(No washer screws)

Dimensions: L390*W200*H352mm

Weight: N.W 20KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws

Head		Thread (M2.0~M6.0)	
Dia	3≤D≤13	Thread L	≤40
Thick	2≤H≤9		<49

Range	Capacity	Protocol
M2.0-M6.0	1000CC	IO/485

TURNTABLE MANUAL PICK SCREW FEEDER

Low Screw Jam · High stability · Easy operation · High precision





QDT-300

Push-type Blow Screw Feeder

(No washer screws)

Dimensions: L390*W300*H352mm

Weight: N.W 25KG

Flat Head Screws · Pan Head Screws · Hexagon Socket Screws

Head		Thread (M2.0~M6.0)	
Dia	3≤D≤13	Thread L	≤40
Thick	2≤H≤9	OAL	<49

Range	Capacity	Protocol
M2.0-M6.0	2000CC	IO/485



QDT-350

Push-type Blow Screw Feeder

(No washer screws)

Dimensions: L470*W350*H445mm

Weight: N.W 40KG

Flat Head Screws · Pan Head Screws · Hexagon Socket Screws

Head		Thread (M3.0~M10.0)	
Dia	3≤D≤13	Thread L	≤60
Thick	2≤H≤10	OAL	<69

Range	Capacity	Protocol
M3.0-M10.0	3000CC	IO/485

Feeding Process

01



Loading Screws

Pour screws into the hopper (do not exceed rail height). Start the machine for auto feeding to the pick-up point..

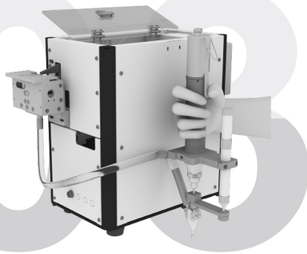
02



Sorting & Positioning

Screws are fed one by one to the turntable pick-up station, where precision slots secure them to ensure consistent pick-up positions.

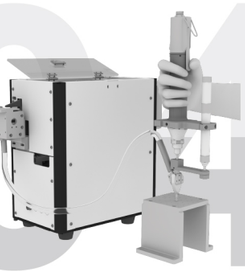
03



Connect to Screwdriver

Connect the feeder outlet to the screwdriver bit. Test feed 1-2 screws to confirm alignment.

04



Fastening Operation

Align the bit with the screw position. One-touch operation, single-hand fastening without manual screw handling.

Product Advantages

Wide Compatibility

- Supports multiple screw sizes
- Works with screws with L/D ratio ⩽ 1



High Stability

- Customized accessories
- Better material adaptability



Clean Feeding

- Step pusher feeding
- Reduces debris from screw friction



Quick Recovery

- Visible feeding position
- Unobstructed, easy maintenance



Larger Capacity

- Multiple hopper sizes
- Ample screw storage



Versatile Functions

- Multiple expansion modules
- Low/Full hopper detection Screw cleaning, etc.



Error-Proof Design

- QR Code Lid Lock Prevents Misloading

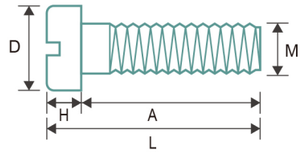


Screwdriver Compatibility

- Lightweight design reduces fatigue
- Flexible operation, multi-station ready



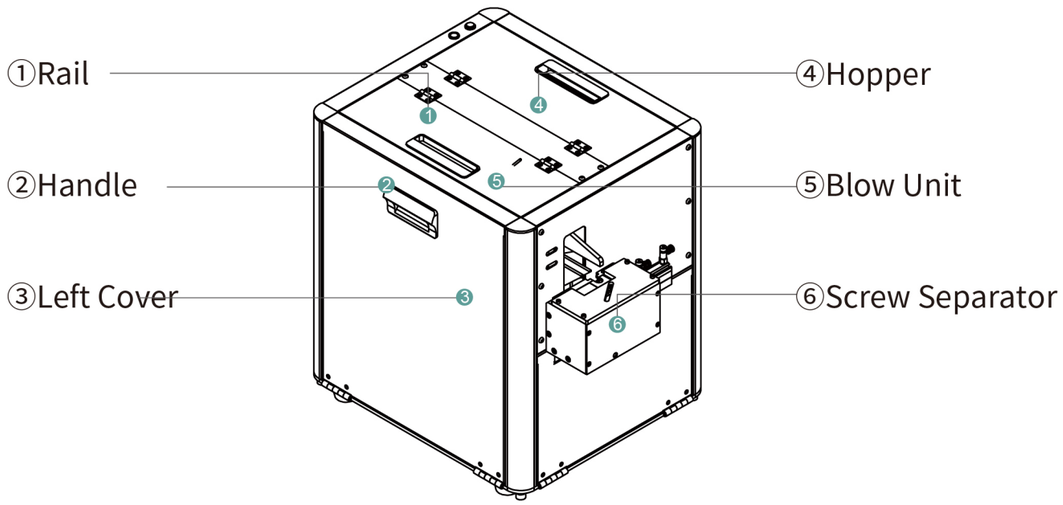
Applicable Models



Screw Range	Hopper Capacity	Model	Feeding Type	Power V/Hz
M1.7-M2.0	300cc	QDW-120	Blow	240V/50Hz
M3.0-M6.0	900cc	QDW-190FD		
M2.0-M6.0	1000cc	QDT-200		
M2.0-M6.0	2000cc	QDT-300		
M3.0-M10.0	3000cc	QDT-350		

* Note: For reference only. Consult our tech support for actual screw specs; testing with custom screws available.

Product Structure



Turntable Manual Pick Screw Feeder

Core Poka-Yoke Device for Screw Fastening, with Manual Pick-Up & Automatic Sorting/Counting

- High Precision
- Traceable
- Calibratable
- Voice Interaction



Help enterprises build their own tightening ecosystem.

Produt Details



ETC-GH Series
Handheld Corded Pistol Tool
Torque range:0.05-30.0 Nm



BTC-WGH Series
Handheld Cordless Pistol Tool
Torque range:0.3-30.0 Nm



ETC-SH Series
Handheld Corded Straight Tool
Torque range:0.05-30.0Nm



ETC-AH Series
Handheld Corded Angle Tool
Torque range:1.0-45.0Nm



BTC-WAH Series
Handheld Cordless Angle Tool
Torque range:1.0-30.0Nm



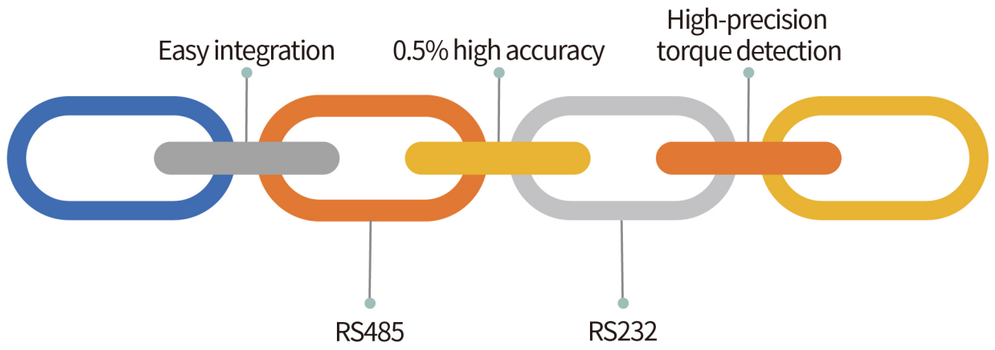
ETH-AH Series
Handheld High-Voltage Servo Angle Tool
Torque range:10.0-50.0Nm

Other Accessories

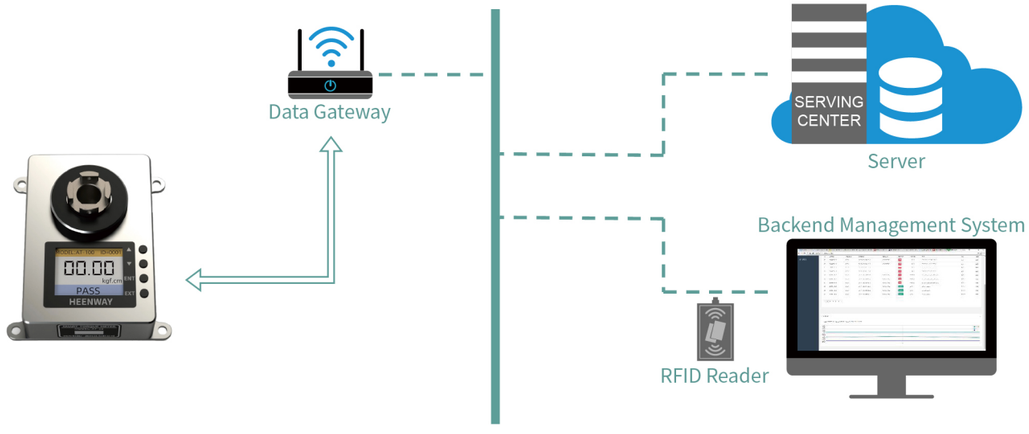
Automated Smart Torque Tester

- Real-time output of torque value, peak torque, etc.
- Instant data upload to machine management systems
- 0.5% torque detection accuracy, high repeatability and stability
- Compatible with all screwdrivers on the market
- Supports IO and PLC connection control
- Supports RS485, RS232, Ethernet (optional) mainstream communication for a complete error-proof solution





Torque Management System Architecture



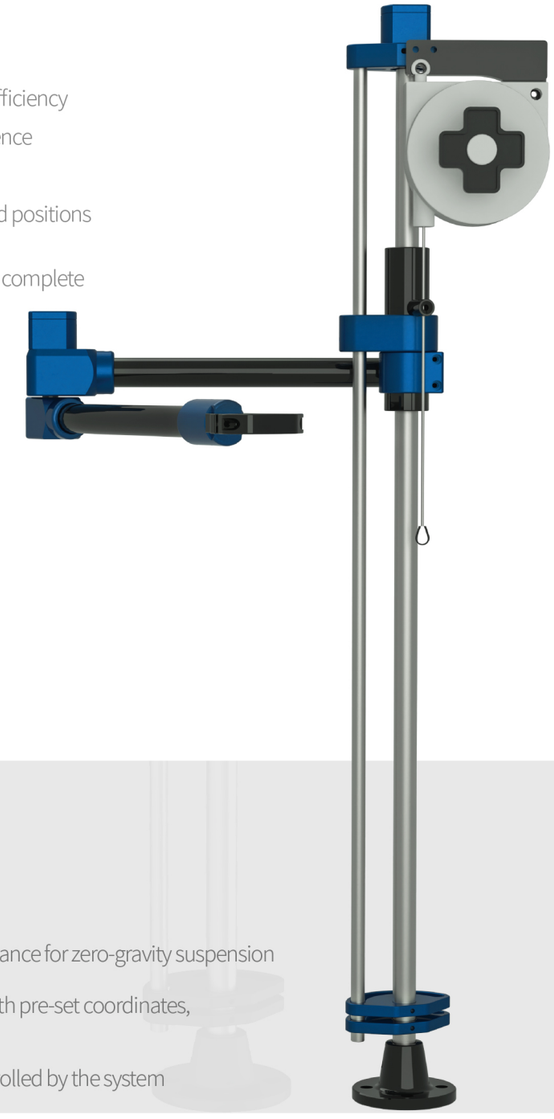
Smart Positioning Balancing Arm

- Custom force software integrated with smart tools for higher efficiency
- Manual drag arm restricts screw tightening position and sequence
- On-screen image upload provides accurate graphic prompts
- Automatically executes pre-set tightening sequence at required positions for absolute error-proofing
- Communicates with scanners, feeders, and bolt selectors for a complete error-proof solution

Time-saving

Error-proof

Intelligent



Core Structure

Mechanical arm: Rotary joints + linear guides

Sensing system: Rotary encoders, linear encoders

Balancing system: Force balancer/pneumatic/servo balance for zero-gravity suspension

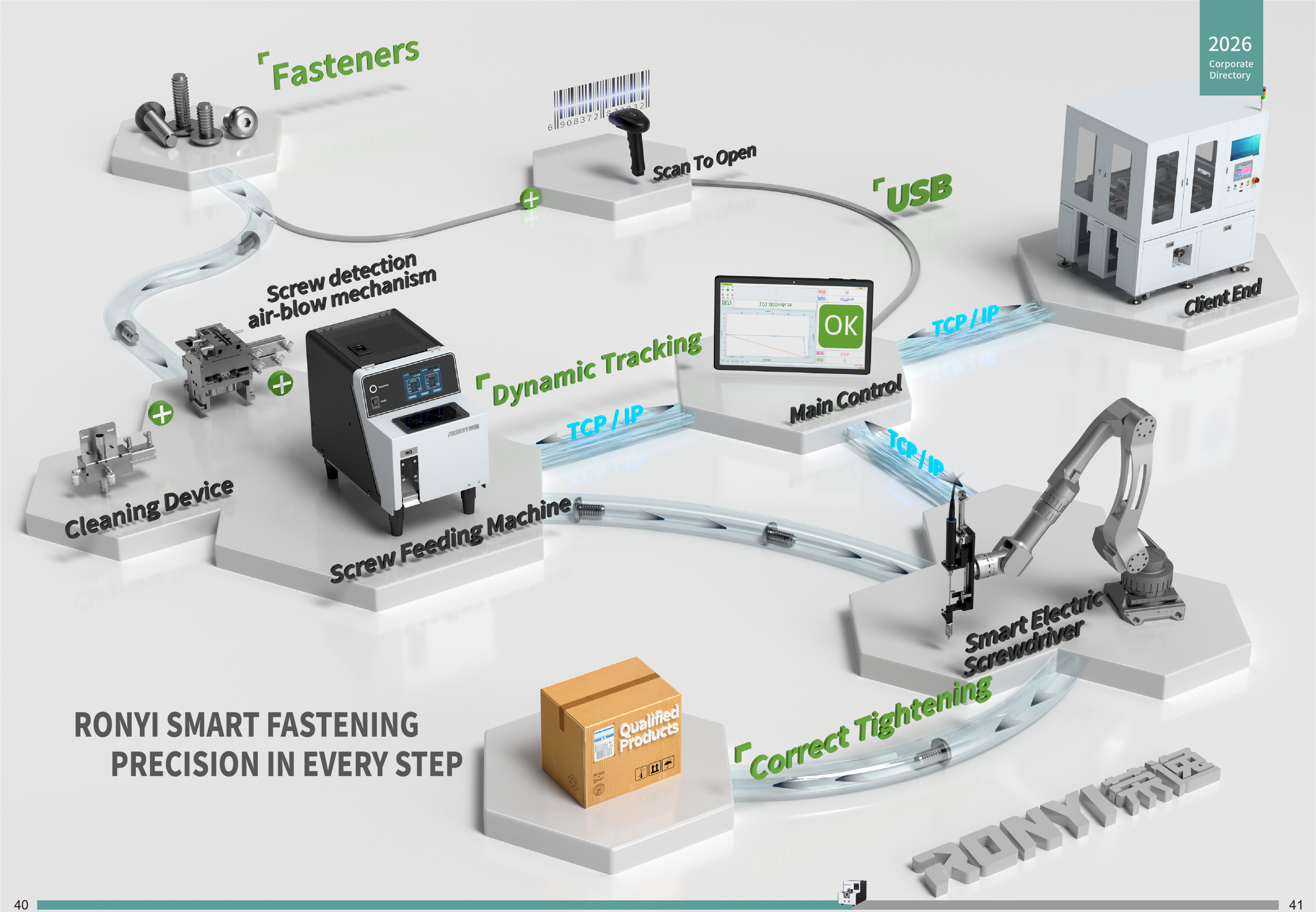
Control system: Position controller + upper software, with pre-set coordinates, locking logic, and data storage

Execution end: Smart screwdriver/tightening gun, controlled by the system

Bit Selector

- Automatically switches to the corresponding Pset when the operator picks up the specified bit, eliminating human error
- Acts as a prompt to guide the operator to select the correct bit
- Alarms immediately if the wrong bit is picked, completely preventing abnormal operations



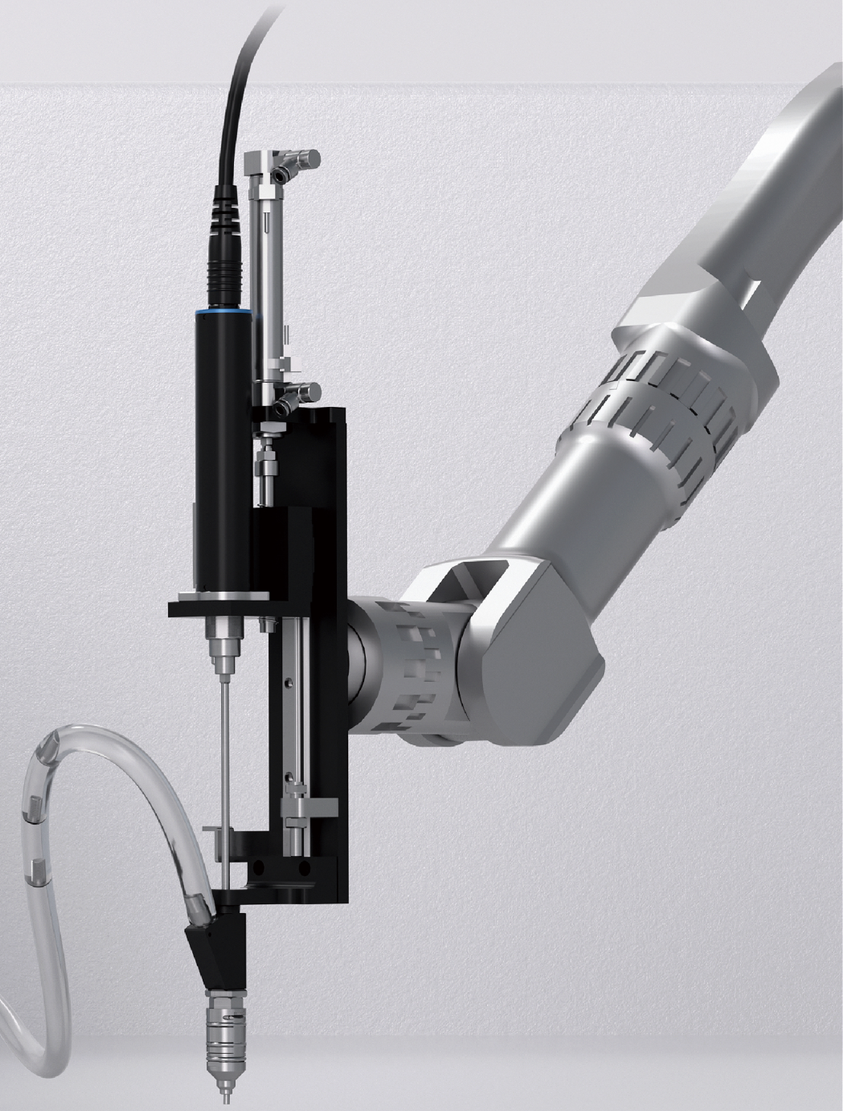


RONYI SMART FASTENING
PRECISION IN EVERY STEP

Smart Machine Station
Enabling unmanned screw tightening production for enterprises







INTELLIGENT MANUAL WORKSTATION

Smart Start

MACHINE STATION SERIES

MACHINE STATION SERIES: ROTARY MOUNTED TYPE, BLOW SCREW FEEDER,

INTELLIGENT ELECTRIC SCREWDRIVER, TIGHTENING MODULES, ETC.

MACHINE-MOUNTED SCREW FEEDER



QJW-328



QJW-528



QJW-301S



QJW-221



QJW-728



QJW-160



QJW-190



QJW-160FD



QJW-190FD



QJW-50



QJW-80K



QJW-80KD



QJT-200



QJT-350



QJV-60V



QJV-80V

BLOW-TYPE SCREW FEEDER



QCW-120



QCW-190FD



QCT-220FD



QCT-200



QCT-300



QCT-350

SCREW BUFFER BIN



QL-001



QL-401



QL-190

Machine-Mounted Screw Feeder

Core equipment for automated high-volume fastening and precision feeding

- Low Screw Jam
- High stability
- Easy operation
- High precision



Help enterprises build their own tightening ecosystem.

Produt Details



QJW-328

Turntable Vacuum Screw Feeder

(No washer screws)

Dimensions: L160*W82*H118mm

Weight: N.W. 1.53KG

Flat Head Screws　Pan Head Screws

Head		Thread (M1.0~M1.7)	(M2.0)
Dia	1.5≤D≤3	Thread L	≤5 ≤3
Thick	0.3≤H≤1	OAL	<6 <4

Range	Capacity	Protocol
M1.0-M2.0	50CC	IO



QJW-528

Turntable Vacuum Screw Feeder

(No washer screws)

Dimensions: L182*W124*H145mm

Weight: N.W 3.1KG

Flat Head Screws　Pan Head Screws　Hexagon Socket Screws　Hexagon Head Screws

Head		Thread (M1.0~M3.0)	(M4.0)
Dia	1.5≤D≤8	Thread L	≤12 ≤9
Thick	0.3≤H≤5	OAL	<15 <10

Range	Capacity	Protocol
M1.0-M4.0	220CC	IO



QJW-301S

Turntable Vacuum Screw Feeder

(No washer screws)

Dimensions: L202*W126*H150mm

Weight: N.W 3.1KG

Flat Head Screws　Pan Head Screws　Hexagon Socket Screws　Hexagon Head Screws

Head		Thread (M2.0~M3.0)	(M4.0)
Dia	1.5≤D≤8	Thread L	≤12 ≤9
Thick	0.3≤H≤5	OAL	<15 <10

Range	Capacity	Protocol
M2.0-M4.0	220CC	IO

Produt Details



QJW-221

Turntable Vacuum Screw Feeder

(No washer screws)

Dimensions: L182*W123*H145mm

Weight: N.W 3.5KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M1.2~M2.0) (M2.3-M4.0)		
Dia	1.5≤D≤8	Thread L	≤8	≤6
Thick	0.3≤H≤5	OAL	<10	<8

Range	Capacity	Protocol
M1.2-M4.0	300CC	IO

QJW-160

Turntable Vacuum Screw Feeder

(No washer screws)

Dimensions: L263*W162*H178mm

Weight: N.W 5KG



Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M3.0) (M4.0-M5.0)		
Dia	3≤D≤12	Thread L	≤20	≤15
Thick	0.3≤H≤7	OAL	<25	<20

Range	Capacity	Protocol
M2.0-M5.0	600CC	IO

QJW-728

Turntable Vacuum Screw Feeder

(No washer screws)

Dimensions: L263*W162*H178mm

Weight: N.W 5KG



Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M3.0) (M4.0-M5.0)		
Dia	3≤D≤12	Thread L	≤20	≤25
Thick	0.3≤H≤7	OAL	<25	<20

Range	Capacity	Protocol
M2.0-M5.0	600CC	IO

Produt Details



QJW-190

Turntable Vacuum Screw Feeder

(No washer screws)

Dimensions: L288*W190*H213mm

Weight: N.W 7KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M3.0) (M4.0-M6.0)		
Dia	3≤D≤15	Thread L	≤25	≤20
Thick	0.3≤H≤9	OAL	<30	<25

Range	Capacity	Protocol
M2.3-M6.0	900CC	IO

QJW-160FD

Turntable Vacuum Screw Feeder

(No washer screws)

Dimensions: L323*W163*H279mm

Weight: N.W 8KG



Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M3.0) (M4.0-M5.0)		
Dia	2≤D≤12	Thread L	≤20	≤15
Thick	1≤H≤7	OAL	<25	<20

Range	Capacity	Protocol
M2.0-M5.0	600CC	IO/485

QJW-190FD

Turntable Vacuum Screw Feeder

(No washer screws)

Dimensions: L323*W190*H290mm

Weight: N.W 9KG



Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M3.0~M6.0)		
Dia	5.5≤D≤15	Thread L	≤25	
Thick	2≤H≤10	OAL	<28	

Range	Capacity	Protocol
M3.0-M6.0	900CC	IO/485

Produt Details



QJW-50

Turntable Vacuum Screw Feeder

(No washer screws)

Dimensions: L234*W50*H163mm

Weight: N.W 2KG

Flat Head Screws · Pan Head Screws

Head		Thread (M1.0~M2.0)	
Dia	1.5≤D≤5.5	Thread L	≤9
Thick	0.3≤H≤1	OAL	<10

Range	Capacity	Protocol
M1.0-M2.0	60CC	IO



QJW-80K

Turntable Vacuum Screw Feeder

(No washer screws)

Dimensions: L156*W82*H134mm

Weight: N.W 1.8KG

Flat Head Screws · Pan Head Screws

Head		Thread (M1.0~M1.7)	(M2.0)
Dia	1.5≤D≤5.5	Thread L	≤9 ≤5
Thick	0.3≤H≤1.5	OAL	<10 <6

Range	Capacity	Protocol
M1.0-M2.0	60CC	IO

QJW-80KD

Turntable Vacuum Screw Feeder

(No washer screws)

Dimensions: L159*W81*H106mm

Weight: N.W 1.8KG

Flat Head Screws · Pan Head Screws

Head		Thread (M1.0~M1.7)	(M2.0)
Dia	1.5≤D≤5.5	Thread L	≤6 ≤3
Thick	0.3≤H≤1	OAL	<7 <4

Range	Capacity	Protocol
M1.0-M2.0	50CC	IO



Produt Details



QJT-200

Push Machine Screw Feeder

Dimensions: L390*W200*H352mm

Weight: N.W 20KG

Flat Head Screws · Pan Head Screws · Hexagon Socket Screws · Hexagon Head Screws

Head		Thread (M2.0~M8.0)	
Dia	3≤D≤13	Thread L	≤40
Thick	2≤H≤9	OAL	<49

Range	Capacity	Protocol
M2.0-M6.0	1000CC	IO/485



QJT-300

Push Machine Screw Feeder

Dimensions: L390*W300*H352mm

Weight: N.W 25KG

Flat Head Screws · Pan Head Screws · Hexagon Socket Screws · Hexagon Head Screws

Head		Thread (M2.0~M8.0)	
Dia	3≤D≤13	Thread L	≤40
Thick	2≤H≤9	OAL	<49

Range	Capacity	Protocol
M2.0-M6.0	2000CC	IO/485



QJT-350

Push Machine Screw Feeder

Dimensions: L470*W350*H445mm

Weight: N.W 40KG

Flat Head Screws · Pan Head Screws · Hexagon Socket Screws · Hexagon Head Screws

Head		Thread (M3.0~M10.0)	
Dia	3≤D≤13	Thread L	≤60
Thick	2≤H≤10	OAL	<69

Range	Capacity	Protocol
M3.0-M10.0	3000CC	IO/485

MACHINE-MOUNTED
SCREW FEEDER

Low Screw Jam · High stability · Easy operation · High precision





QJV-60V

Machine-Mounted
Screw Feeder

(No washer screws)

Dimensions: L140*W60*H101mm

Weight: N.W 1.1KG

Flat Head Screws · Pan Head Screws

Head		Thread (M0.8~M1.4)	
Dia	1.5⩽D⩽4	Thread L	⩽2.5
Thick	0.3⩽H⩽1.5	OAL	<4

Range	Capacity	Protocol
M0.8-M1.4	30CC	IO



QJV-80V

Machine-Mounted
Screw Feeder

(No washer screws)

Dimensions: L140*W82*H105mm

Weight: N.W 1.4KG

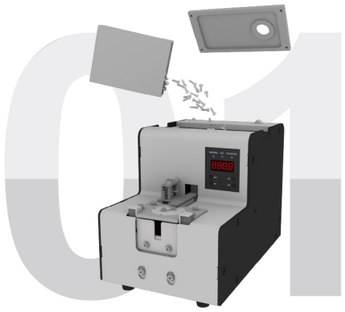
Flat Head Screws · Pan Head Screws

Head		Thread (M0.8~M1.7)	
Dia	1.5⩽D⩽4	Thread L	⩽3.5
Thick	0.3⩽H⩽1.5	OAL	<5

Range	Capacity	Protocol
M0.8-M1.7	60CC	IO

Feeding Process

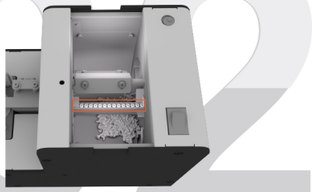
01



Place Screws

Remove the top cover, check for foreign objects, then place screws into the hopper, keeping them 1-2mm below the rail edge.

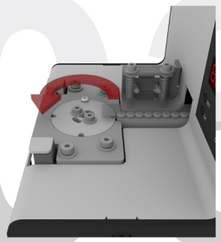
02



Sort & Position

Single screw fed to turntable, precisely located by slots for consistent pick-up.

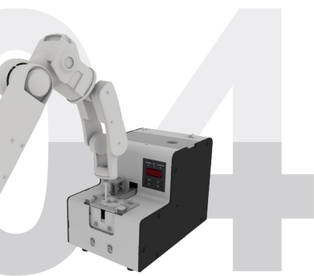
03



Ready for Pickup

Screws stay stably in position, ready for robotic arm pick-up.

04



Pick & Fasten

The robot arm moves to the pick-up position and aligns with the screw head for vacuum pickup.

Product Advantages

Wide Compatibility

- Supports multiple screw sizes
- Works with screws with L/D ratio ⩽ 1



Low Failure Rate

- DC brushless motor
- Ensures stable equipment operation



Low Screw Jam Rate

- Independent drive for screening mechanism
- Efficient rejection of misaligned screws

0.02%

Flexible Adjustment

- Visual parameter setting interface
- Chinese display available



High Positioning Accuracy

- Driven by cross Geneva mechanism
- Mechanical lock after positioning
- Repeat positioning accuracy: ±0.05



High-Efficiency Feeding

- Single screw feeding via 4-index turntable
- Feeding speed: 1–1.5 sec/pcs



Error-Proof Design

- QR Code Lid Lock Prevents Misloading

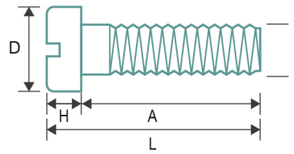


Versatile Functions

- Multiple expansion modules
- Low/Full hopper detection Screw cleaning, etc.



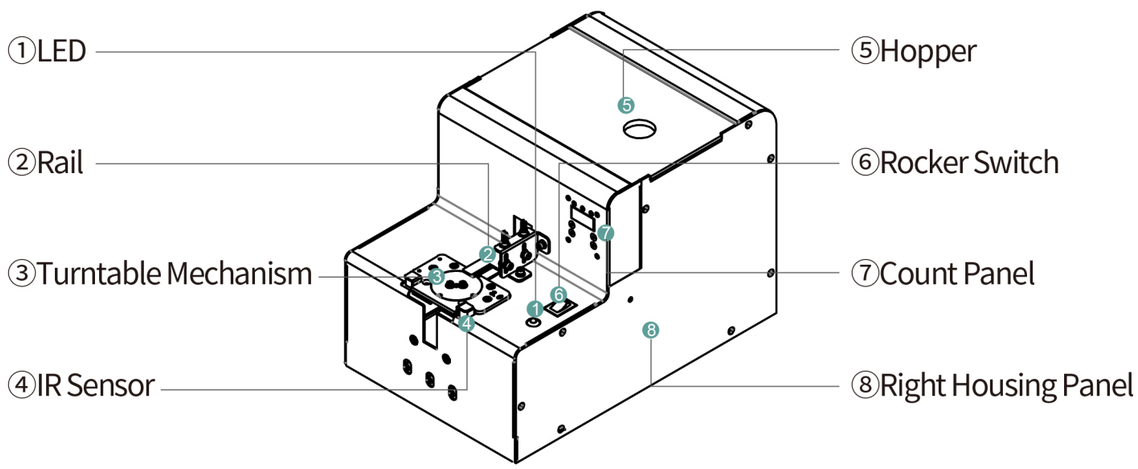
Applicable Models



Screw Range	Hopper Capacity	Model	Feeding Type	Power V/Hz
M0.8-M1.4	30cc	QJV-60V	Turntable	240V/50Hz
M0.8-M1.7	60cc	QJV-80V		
M1.0-M2.0	60cc	QJW-50		
M1.0-M2.0	60cc	QJW-80K		
M1.0-M2.0	50cc	QJW-80KD		
M1.0-M2.0	50cc	QJW-328		
M1.0-M4.0	220cc	QJW-528		
M1.2-M4.0	300cc	QJW-221		
M2.0-M4.0	220cc	QJW-301S		
M2.0-M5.0	600cc	QJW-728、QJW-160		
M2.3-M6.0	900cc	QJW-190		
M2.0-M5.0	600cc	QJW-160FD		
M3.0-M6.0	900cc	QJW-190FD		
M2.0-M6.0	1000cc	QJT-200	Side-Pull	
M2.0-M6.0	2000cc	QJT-300		
M3.0-M10.0	3000cc	QJT-350		

* Note: For reference only. Consult our tech support for actual screw specs; testing with custom screws available.

Product Structure



Blow-type Screw Feeder

Core equipment for flexible positioning, with screw tightening performed by robotic arms.

- Low Screw Jam
- High stability
- Easy operation
- High precision



Help enterprises build their own tightening ecosystem.

Produt Details



QCW-120

Drum-Type Blow Screw Feeder

(No washer screws)

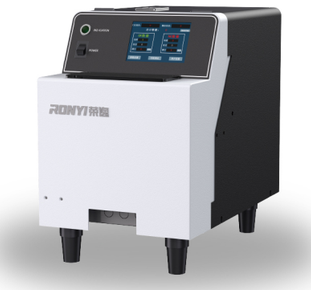
Dimensions: L338*W124*H240mm

Weight: N.W 6KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M1.7~M2.0)	
Dia	1.5≤D≤6	Thread L	≤8
Thick	0.3≤H≤3	OAL	<10

Range	Capacity	Protocol
M1.7-M2.0	300CC	IO



QCW-190FD

Drum-Type Blow Screw Feede

(No washer screws)

Dimensions: L355*W90*H290mm

Weight: N.W 10KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M3.0~M6.0)	
Dia	5.5≤D≤12	Thread L	≤20
Thick	2≤H≤10	OAL	<30

Range	Capacity	Protocol
M3.0-M6.0	900CC	IO/485



QCT-220FD

Drum-Type Blow Screw Feede

(No washer screws)

Dimensions: L474*W220*H352mm

Weight: N.W 30KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M3.0~M6.0)	
Dia	5≤D≤15	Thread L	≤30
Thick	2≤H≤10		<35

Range	Capacity	Protocol
M3.0-M6.0	1000CC	IO/485

Produt Details



QCT-200

Push-type Blow Screw Feeder

(No washer screws)

Dimensions: L390*W200*H352mm

Weight: N.W 20KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M6.0)	
Dia	3≤D≤13	Thread L	≤40
Thick	2≤H≤9	OAL	<49

Range		Protocol
M2.0-M6.0	1000CC	IO/485



QCT-300

Push-type Blow Screw Feeder

(No washer screws)

Dimensions: L390*W300*H352mm

Weight: N.W 25KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M2.0~M6.0)	
Dia	3≤D≤13	Thread L	≤40
Thick	2≤H≤9	OAL	<49

Range		Protocol
M2.0-M6.0	2000CC	IO/485



QCT-350

Push-type Blow Screw Feeder

(No washer screws)

Dimensions: L470*W350*H445mm

Weight: N.W 40KG

Flat Head Screws | Pan Head Screws | Hexagon Socket Screws | Hexagon Head Screws

Head		Thread (M3.0~M10.0)	
Dia	3≤D≤13	Thread L	≤60
Thick	2≤H≤10	OAL	<69

Range		Protocol
M3.0-M10.0	3000CC	IO/485

Feeding Process



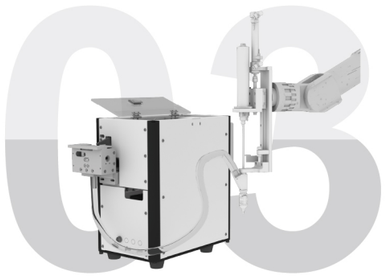
01 Loading Screws

Pour screws into the hopper (do not exceed rail height). Start the machine for auto feeding to the pick-up point..

02 Sorting & Positioning

Screws are fed one by one to the turntable pick-up station, where precision slots secure them to ensure consistent pick-up positions.



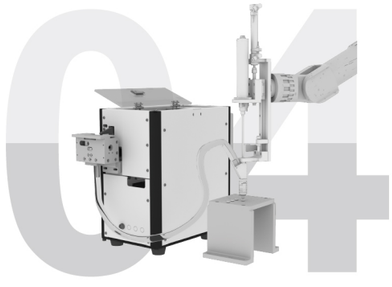


03 Screw Separation & Blowing

Start the feeder, screws are blown to the nozzle without jamming. The mechanism separates one screw at a time and positions it at the air outlet.

04 Fastening Operation

The device automatically feeds and fastens screws, then refills automatically. Monitor feeding stability throughout and address anomalies promptly.



Product Advantages

Wide Compatibility

- Supports multiple screw sizes
- Works with screws with L/D ratio ⩽ 1



High Stability

- Customized accessories
- Better material adaptability



Clean Feeding

- Step pusher feeding
- Reduces debris from screw friction



Quick Recovery

- Visible feeding position
- Unobstructed, easy maintenance



Larger Capacity

- Multiple hopper sizes
- Ample screw storage



Versatile Functions

- Multiple expansion modules
- Low/Full hopper detection Screw cleaning, etc.



Error-Proof Design

- QR Code Lid Lock Prevents Misloading

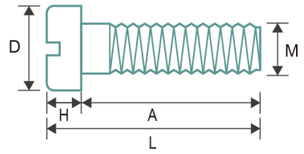


Flexible Operation

- Lightweight Design
- Compact Size, Unobstructed View



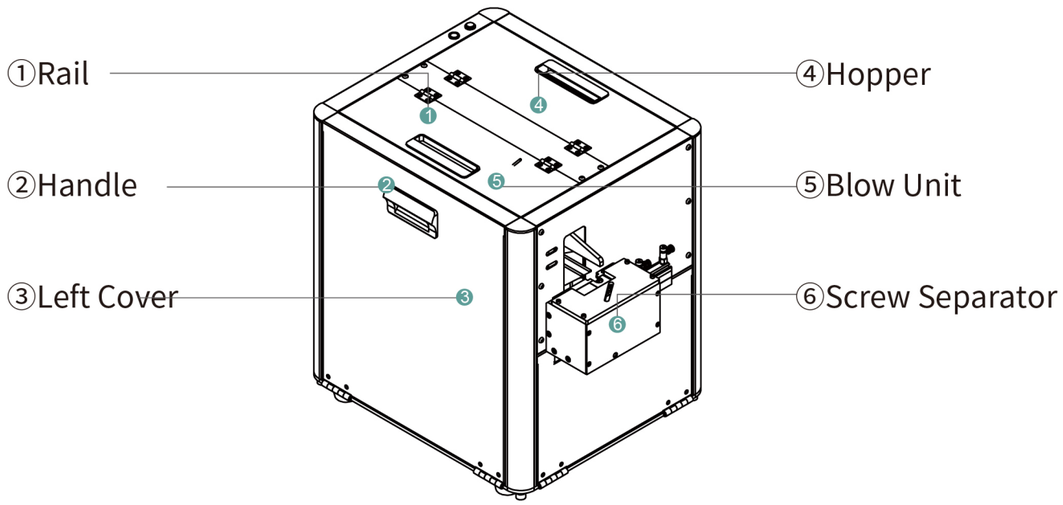
Applicable Models



Screw Range	Hopper Capacity	Model	Feeding Type	Power V/Hz
M1.7-M2.0	300cc	QCW-120	Blow	240V/50Hz
M3.0-M6.0	900cc	QCW-190FD		
M2.0-M6.0	1000cc	QCT-200		
M2.0-M6.0	2000cc	QCT-300		
M3.0-M10.0	3000cc	QCT-350		

* Note: For reference only. Consult our tech support for actual screw specs; testing with custom screws available.

Product Structure



Screw Buffer Binr

Low Screw Jam

High stability

Easy operation

High precision

equipment for intelligently sensing and automatically refilling screw feeders.



Help enterprises build their own tightening ecosystem.

Produt Details



QL-001

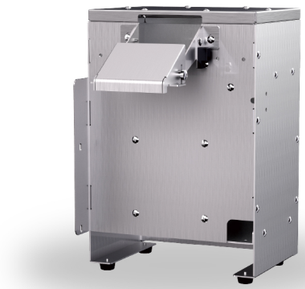
Screw Buffer Bin

Dimensions: L147*W125*H209mm

Weight: N.W 1.8KG

Head		Thread (M2.0~M6.0)	
Dia	D≤10	Thread L	≥2
Thick	H>1.5	OAL	<25

Range	Capacity
M2.0-M6.0	600CC



QL-401

Screw Buffer Bin

Dimensions: L173*W163*H240mm

Weight: N.W 3KG

Head		Thread (M2.0~M6.0)	
Dia	D≤10	Thread L	≥2
Thick	H>1.5	OAL	<25

Range	Capacity
M2.0-M6.0	800CC



QL-190

Screw Buffer Bin

Dimensions: L294*W190*H341mm

Weight: N.W 5KG

Head		Thread (M2.0~M6.0)	
Dia	D≤15	Thread L	≥2
Thick	H>1.5	OAL	<50

Range	Capacity
M2.0-M8.0	1500CC

2800+

Partners

Choose to walk with Rongyi — Co-build your own tightening ecosystem.