



FEEDERS TH, SCREW FEEDERS & SCREWDRIVING MACHINES.

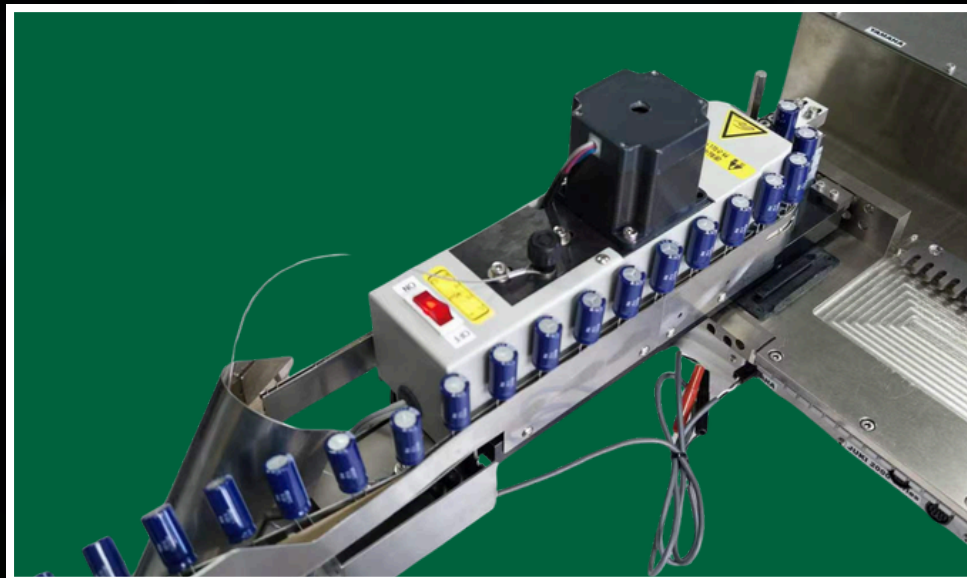
PRODUCT CATALOG

i4R **PROCESS**
AUTOMATION

FEEDER THROUGH HOLE

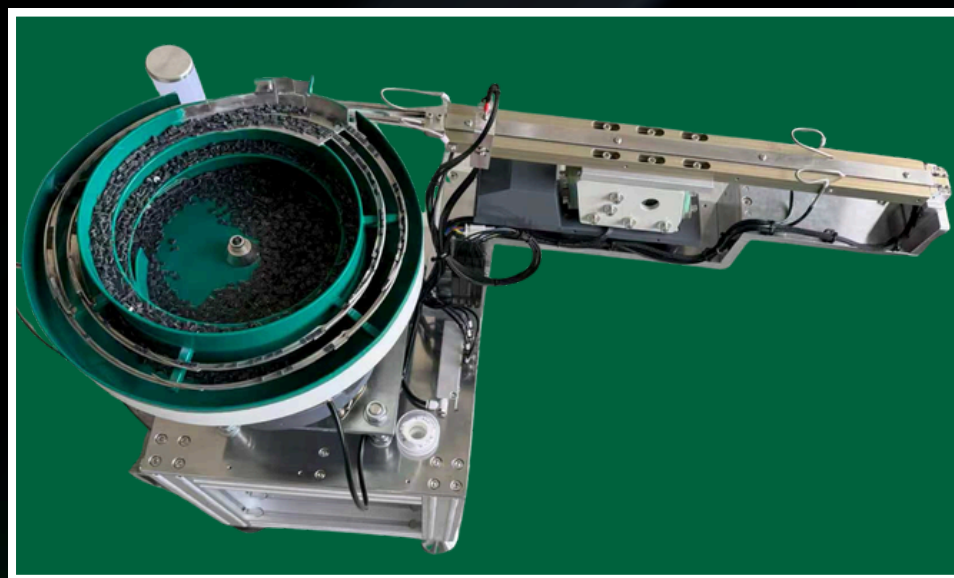
RADIALES TAPE FEEDER TH

- High-efficiency through-hole feeder
- Optimization of every insertion cycle



AXIALES TAPE FEEDER TH

- Reduced waste and higher speed
- Maximum operational reliability



TERMINALES BULK FEEDER TH



IF-S0590



1. Universal type, wide range of applicable screws. Rail spacing is freely adjustable to fit screw size; special screws (e.g. combination screws, rivets, nuts) require customization — please contact the supplier.
2. Adjustable feeding speed. Disc feed speed and rail feed speed are controlled independently and can be adjusted as needed.
3. Precise positioning, improved efficiency.
4. Counting function: screw counting, fault alarm, feeding delay, vibration delay.
5. Outputs a completion signal and can be linked with automation equipment, greatly improving production efficiency.

Technical Parameters:

1. Applicable screws: shaft diameter $0.7 \leq D \leq 2.0\text{mm}$, length $L \leq 8\text{mm}$
2. Feeding speed: 40–70 PCS/MIN (adjustable)
3. Repeat positioning accuracy: $\pm 0.02\text{mm}$
4. Screw pick-up height: $H1 = 71.5 \pm 1\text{mm}$
5. Input voltage: AC100–240V, 50/60Hz
6. Net weight: $2 \pm 0.2\text{kg}$
7. Hopper capacity: approx. 1,000 pcs (based on M1.5x5 screws)
8. Overall dimensions: 179.5 x 77 x 124mm (L x W x H)

IF-S0790-R

1. Universal type, wide range of applicable screws. Rail spacing is freely adjustable to fit screw size; special screws require customization — please contact the supplier.
2. Adjustable feeding speed. Disc feed speed and rail feed speed are controlled independently and can be adjusted as needed.
3. Precise positioning, improved efficiency.
4. Counting function: screw counting, fault alarm, feeding delay.
5. Outputs a completion signal and can be linked with automation equipment, greatly improving production efficiency.

Technical Parameters:

1. Applicable screws: shaft diameter $1.0 \leq D \leq 6.0\text{mm}$, length $L \leq 20\text{mm}$ (larger sizes: contact supplier for a custom non-standard product)
2. Feeding speed: 50–70 PCS/MIN (adjustable)
3. Repeat positioning accuracy: $\pm 0.02\text{mm}$
4. Screw pick-up height: $H1 = 93.5 \pm 1\text{mm}$
5. Input voltage: AC100–240V, 50/60Hz
6. Net weight: $4.5 \pm 0.2\text{kg}$
7. Hopper capacity: approx. 3,000 pcs (based on M2.5x10 screws)
8. Overall dimensions: 263.5 x 162.5 x 182mm (L x W x H)



IF-S0696-R



1. Compact design — a more stable, more efficient replacement for imported feeders. Rail spacing is freely adjustable to fit screw size; special screws require customization — please contact the supplier.
2. Adjustable feeding speed. Disc feed speed and rail feed speed are controlled independently and can be adjusted as needed.
3. Precise positioning, improved efficiency.
4. Counting function: screw counting, fault alarm, feeding delay, vibration delay.
5. Outputs a completion signal and can be linked with automation equipment, greatly improving production efficiency.

Technical Parameters:

1. Applicable screws: shaft diameter $1.0 \leq D \leq 6.0$ mm, length $L \leq 16$ mm (larger sizes: contact supplier for a custom product or choose the LG-C7900)
2. Feeding speed: 50–70 PCS/MIN (adjustable)
3. Repeat positioning accuracy: ± 0.02 mm
4. Screw pick-up height: $H1 = 81 \pm 1$ mm
5. Input voltage: AC100–240V, 50/60Hz
6. Net weight: 3.0 ± 0.2 kg
7. Hopper capacity: approx. 1,500 pcs (based on M2.5x10 screws)
8. Overall dimensions: 180 x 123 x 155mm (L x W x H)

IF-S0890

1. Universal type, wide range of applicable screws. Rail spacing is freely adjustable to fit screw size; special screws require customization — please contact the supplier.
2. Adjustable feeding speed. Disc feed speed and rail feed speed are controlled independently and can be adjusted as needed.
3. Precise positioning, improved efficiency.
4. Counting function: screw counting, fault alarm, feeding delay, vibration delay.
5. Outputs a completion signal and can be linked with automation equipment, greatly improving production efficiency.

Technical Parameters:

1. Applicable screws: shaft diameter $1.0 \leq D \leq 6.0$ mm, length $L \leq 30$ mm (larger sizes: contact supplier for a custom non-standard product)
2. Feeding speed: 50–70 PCS/MIN (adjustable)
3. Repeat positioning accuracy: ± 0.02 mm
4. Screw pick-up height: $H1 = 123.5 \pm 1$ mm
5. Input voltage: AC100–240V, 50/60Hz
6. Net weight: 6 ± 0.5 kg
7. Hopper capacity: approx. 5,000 pcs (based on M2.5x10 screws)
8. Overall dimensions: 287.5 x 195 x 210mm (L x W x H)



IF-S070-R



1. Universal type — can replenish a wide variety of screws; fast, stable feeding.
2. Adjustable replenishing speed; feeding speed is user-adjustable and can also be time-delayed.
3. Networking function: provides an external I/O port for various signal requirements.
4. Compact size, large capacity.

Technical Parameters:

1. Applicable screws: shaft diameter $1.0 \leq D \leq 6.0$ mm, length $L \leq 30$ mm
2. Replenishing speed: 50–300 PCS/MIN (adjustable)
3. Input voltage: AC100–240V, 50/60Hz
4. Net weight: 6 ± 0.2 kg
5. Hopper capacity: approx. 6,000 pcs (based on M2.5x10 screws)
6. Overall dimensions: 290 x 212 x 310mm (L x W x H), excluding discharge chute

Overview: Used together with various screw feeders to solve the problem of frequent manual reloading.

IF-S0690

1. Universal type, wide range of applicable screws. Rail spacing is freely adjustable to fit screw size; special screws require customization — please contact the supplier.
2. Adjustable feeding speed. Disc feed speed and rail feed speed are controlled independently and can be adjusted as needed.
3. Precise positioning, improved efficiency.
4. Counting function: screw counting, fault alarm, feeding delay, vibration delay.
5. Outputs a completion signal and can be linked with automation equipment, greatly improving production efficiency.

Technical Parameters:

1. Applicable screws: shaft diameter $1.0 \leq D \leq 6.0$ mm, length $L \leq 16$ mm (larger sizes: contact supplier for a custom product or choose the LG-C7900)
2. Feeding speed: 50–70 PCS/MIN (adjustable)
3. Repeat positioning accuracy: ± 0.02 mm
4. Screw pick-up height: $H1 = 76 \pm 1$ mm
5. Input voltage: AC100–240V, 50/60Hz
6. Net weight: 3.2 ± 0.2 kg
7. Hopper capacity: approx. 1,500 pcs (based on M2.5x10 screws)
8. Overall dimensions: 202.5 x 126 x 154mm (L x W x H)



IF-S0692



1. Universal type, wide range of applicable screws; rail spacing freely adjustable to screw size — suitable for precision screw feeding in watchmaking and similar industries.
2. Adjustable feeding speed. Disc feed speed and rail feed speed are controlled independently and can be adjusted as needed.
3. Counting function: screw counting, fault alarm, feeding delay.
4. Simple and convenient to operate — plug in and use, boosting production efficiency.

Overview: An automatic rotary hand-pick screw machine designed for thin screws and screws with a length-to-diameter ratio near 1:1 that are otherwise difficult to arrange.

Technical Parameters:

1. Applicable screws: shaft diameter $0.8 \leq D \leq 5.0\text{mm}$, length $L \leq 16\text{mm}$ (larger sizes: contact supplier for a custom product)
2. Feeding speed: 50–90 PCS/MIN (adjustable)
3. Input voltage: AC100–240V, 50/60Hz
4. Net weight: $3.2 \pm 0.2\text{kg}$
5. Hopper capacity: approx. 1,500 pcs (based on M2.5x10 screws)
6. Overall dimensions: 202.5 x 126 x 154mm (L x W x H)

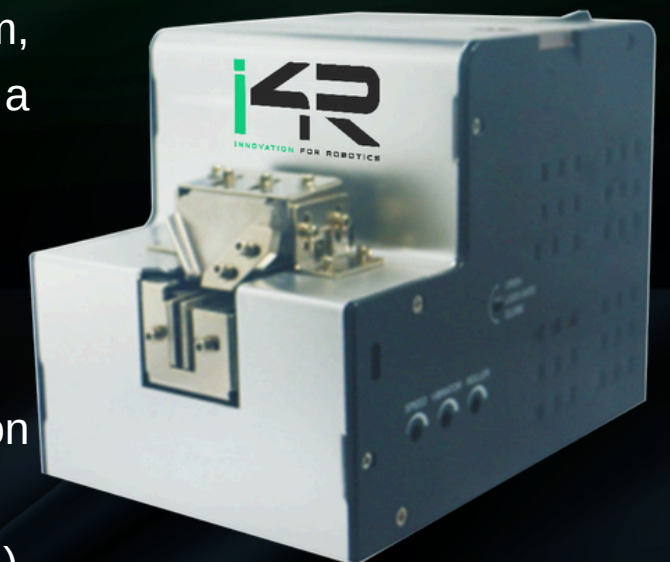
IF-S0650

1. Universal type, wide range of applicable screws; rail spacing freely adjustable to screw size.
2. Adjustable feeding speed; rail feed speed can be adjusted as needed to suit different requirements.
3. Compact size, small footprint.
4. Simple and convenient to operate — plug in and use, boosting production efficiency.

Overview: A simple, reliable screw-arraying machine suitable for a variety of screw specifications.

Technical Parameters:

1. Applicable screws: shaft diameter $1.0 \leq D \leq 5.0\text{mm}$, length $L \leq 20\text{mm}$ (larger sizes: contact supplier for a custom product)
2. Feeding speed: 60–120 PCS/MIN
3. Input voltage: AC100–240V, 50/60Hz
4. Net weight: $2.6 \pm 0.2\text{kg}$
5. Hopper capacity: approx. 1,500 pcs (based on M2.5x10 screws)
6. Overall dimensions: 182 x 126 x 154mm (L x W x H)



IF-S080-R



Overview: A screw counting machine suited to small-size screws, preventing missed or double dispensing.

1. Universal type; rail spacing freely adjustable to screw size, with a wide range of applicable screws — including special screws such as combination screws, rivets, and nuts (please contact the supplier for customization).
2. Adjustable counting speed; rail feed speed can be adjusted as needed.
3. Counting function: real-time screw count display, fault alarm, feeding delay, vibration delay.
4. Single-axis multi-stage counting: quantity can be set from 0–9999, with single-stage or multi-stage selection (single-stage by default); multi-stage quantities and stages are customizable. The machine stops once the set count is reached, and automatically starts the next cycle once the screws are removed.

Technical Parameters:

1. Applicable screws: shaft diameter $1.0 \leq D \leq 5.0\text{mm}$, length $L \leq 13\text{mm}$ (larger sizes: contact supplier for a custom product)
2. Counting speed: 50–100 PCS/MIN (adjustable)
3. Input voltage: AC100–240V, 50/60Hz
4. Net weight: $3.5 \pm 0.2\text{kg}$
5. Hopper capacity: approx. 1,200 pcs (based on M2.5x10 screws)
6. Overall dimensions: 232 x 126 x 154mm (L x W x H)

IF-S090-R

1. Universal type, wide range of applicable screws — including special screws such as combination screws, rivets, and nuts (please contact the supplier for customization).
2. Adjustable counting speed. Disc feed speed and rail feed speed are controlled independently and can be adjusted as needed.
3. Counting function: real-time screw count display, fault alarm, feeding delay, vibration delay.
4. Single-axis multi-stage counting: quantity can be set from 0–9999, with single-stage or multi-stage selection (single-stage by default); multi-stage quantities and stages are customizable. The machine stops once the set count is reached, and automatically starts the next cycle once the screws are removed.

Technical Parameters:

1. Applicable screws: shaft diameter $1.0 \leq D \leq 7.0\text{mm}$, length $L \leq 18\text{mm}$ (larger sizes: contact supplier for a custom product)
2. Counting speed: 50–100 PCS/MIN (adjustable)
3. Input voltage: AC100–240V, 50/60Hz
4. Net weight: $5 \pm 0.2\text{kg}$
5. Hopper capacity: approx. 2,500 pcs (based on M2.5x10 screws)
6. Overall dimensions: 319.5 x 162.5 x 218mm (L x W x H)

Overview: An enhanced, more powerful counting machine developed from the D800.





IF-S0440

1. Universal type, wide range of applicable screws; rail spacing freely adjustable to screw size.
2. Push-type feeding, reliable and fast; can blow-feed up to 4 screws simultaneously (number of feed points customizable).
3. High-efficiency screw delivery method, reducing cost and increasing output.

Overview: Fast and highly efficient; designed for use with multi-spindle screwdriving systems.

Technical Parameters:

1. Applicable screws: shaft diameter $1.5 \leq D \leq 6.0\text{mm}$, length $L \leq 25\text{mm}$
2. Feeding speed: 200–300 PCS/MIN
3. Input voltage: AC220V
4. Net weight: $41 \pm 0.5\text{kg}$
5. Hopper capacity: approx. 6,000 pcs (based on M2.5x10 screws)
6. Overall dimensions: 550 x 275 x 560mm (L x W x H)

IF-S012-R

1. Adjustable peeling distance, sensor-controlled.
2. Adjustable, steplessly variable peeling speed.
3. Suitable for labels up to 120mm wide; wider labels can be accommodated with a custom order.
4. A dual-head label peeling machine (independently controlled) is also available, allowing two people to use it at once.
5. Highly versatile; widely used in labeling applications that do not require high precision

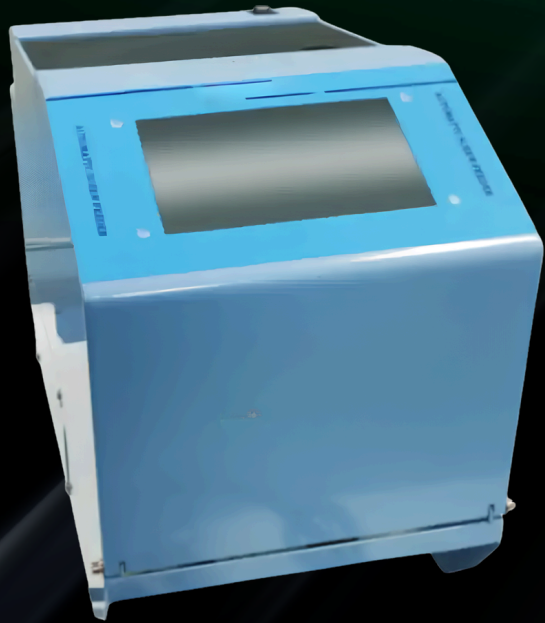
Overview: A simple, reliable label peeling machine used together with manual labeling to improve efficiency.

Technical Parameters:

1. Applicable labels: roll diameter $20 \leq D \leq 200\text{mm}$, label width $L \leq 120\text{mm}$ (larger sizes: contact supplier for a custom product)
2. Peeling speed: 0–20 cm/min
3. Input voltage: AC220V, 50Hz
4. Net weight: $5 \pm 0.5\text{kg}$
5. Overall dimensions: 286 x 368 x 355mm (L x W x H)



IF-S021



Overview: An air-blow feeder that delivers screws to a designated position through an air tube.

1. Universal type, suitable for a wide range of screws; rail spacing adjustable to screw size.
2. Reliable feeding, high speed; can be configured as single-outlet or dual-outlet.
3. Designed for use with automation equipment, with a dedicated signal communication port.
4. Real-time screw count display, fault alarm, feeding delay, vibration delay.
5. Equipped with a 4.3-inch touchscreen for intuitive, convenient parameter adjustment.

Technical Parameters:

1. Applicable screws: shaft diameter $1.5 \leq D \leq 5.0\text{mm}$, length $L \leq 20\text{mm}$ (larger sizes: contact supplier for a custom product, or choose the larger LG-C230, LG-C310, or LG-C320)
2. Feeding speed: 40–60 PCS/MIN
3. Input voltage: AC220V, 50Hz
4. Net weight: $7.5 \pm 0.5\text{kg}$
5. Hopper capacity: approx. 3,000 pcs (based on M2.5x10 screws)
6. Overall dimensions: 332 x 165 x 250mm (L x W x H)

IF-S021-R

1. Universal type, wide screw compatibility; rail spacing adjustable to screw size, suitable for long screws.
2. Rotary feeding, reliable delivery, high speed.
3. After each screw is driven, the machine automatically feeds the next screw to the bit tip — just press lightly to drive it, fast and convenient.
4. Highly versatile; widely used in electronics, toys, plastics, automotive, and other industries.

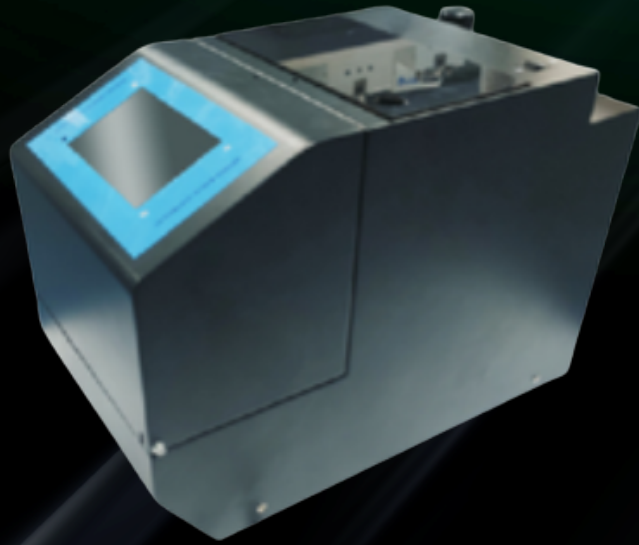
Overview: A widely used handheld automatic screwdriving machine that greatly improves manual screw-driving efficiency.

Technical Parameters:

1. Applicable screws: shaft diameter $1.5 \leq D \leq 5.0\text{mm}$, length $L \leq 20\text{mm}$; screws must be magnetic (for non-magnetic screws, choose the two-stage handheld model). Larger sizes: contact supplier for a custom product, or choose the larger LG-C230-S
2. Feeding speed: 40–60 PCS/MIN
3. Input voltage: AC220V, 50Hz
4. Net weight: $10 \pm 0.5\text{kg}$
5. Hopper capacity: approx. 3,000 pcs (based on M2.5x10 screws)
6. Overall dimensions: 370 x 163 x 245mm (L x W x H)



IF-C230



Overview: An air-blow feeder that delivers screws to a designated position through an air tube.

1. Universal type, suitable for a wide range of screws; rail spacing adjustable to screw size.
2. Reliable feeding, high speed; can be configured as single-outlet or dual-outlet.
3. Designed for use with automation equipment, with a dedicated signal communication port.
4. Real-time screw count display, fault alarm, feeding delay, vibration delay.
5. Equipped with a 4.3-inch touchscreen for intuitive, convenient parameter adjustment.

Technical Parameters:

1. Applicable screws: shaft diameter $1.5 \leq D \leq 6.0\text{mm}$, length $L \leq 30\text{mm}$ (larger sizes: contact supplier for a custom product, or choose the larger LG-C310 or LG-C320)
2. Feeding speed: 40–60 PCS/MIN
3. Input voltage: AC220V, 50Hz
4. Net weight: $10 \pm 0.5\text{kg}$
5. Hopper capacity: approx. 5,000 pcs (based on M2.5x10 screws)
6. Overall dimensions: 370 x 197 x 285mm (L x W x H)

IF-C230-S

1. Universal type, wide screw compatibility; rail spacing adjustable to screw size, suitable for long screws.
2. Rotary feeding, reliable delivery, high speed.
3. After each screw is driven, the machine automatically feeds the next screw to the bit tip — just press lightly to drive it, fast and convenient.
4. Highly versatile; widely used in electronics, toys, plastics, automotive, and other industries.

Overview: A widely used handheld automatic screwdriving machine that greatly improves manual screw-driving efficiency.

Technical Parameters:

1. Applicable screws: shaft diameter $1.5 \leq D \leq 6.0\text{mm}$, length $L \leq 30\text{mm}$; screws must be magnetic (for non-magnetic screws, contact supplier for a custom product, or choose the larger LG-C210-S)
2. Feeding speed: 40–60 PCS/MIN
3. Input voltage: AC220V, 50Hz
4. Net weight: $12 \pm 0.5\text{kg}$
5. Hopper capacity: approx. 5,000 pcs (based on M2.5x10 screws)
6. Overall dimensions: 370 x 197 x 285mm (L x W x H)





Overview: An air-blow feeder that delivers screws to a designated position through an air tube.

IF-S031-R

1. Universal type, suitable for a wide range of screws; rail spacing adjustable to screw size.
2. Reliable feeding, high speed; can be configured as single-outlet, dual-outlet, or quad-outlet.
3. Designed for use with automation equipment, with a dedicated signal communication port.
4. Real-time screw count display, fault alarm, feeding delay, vibration delay; freely switchable signal types, one-touch multi-program switching.
5. Equipped with a 4.3-inch touchscreen for intuitive, convenient parameter adjustment.

Technical Parameters:

1. Applicable screws: shaft diameter $1.5 \leq D \leq 6.0\text{mm}$, length $L \leq 30\text{mm}$
2. Feeding speed: 40–60 PCS/MIN
3. Input voltage: AC220V, 50Hz
4. Net weight: $10 \pm 0.5\text{kg}$
5. Hopper capacity: approx. 8,500 pcs (based on M2.5x10 screws)
6. Overall dimensions: 370 x 240 x 285mm (L x W x H)

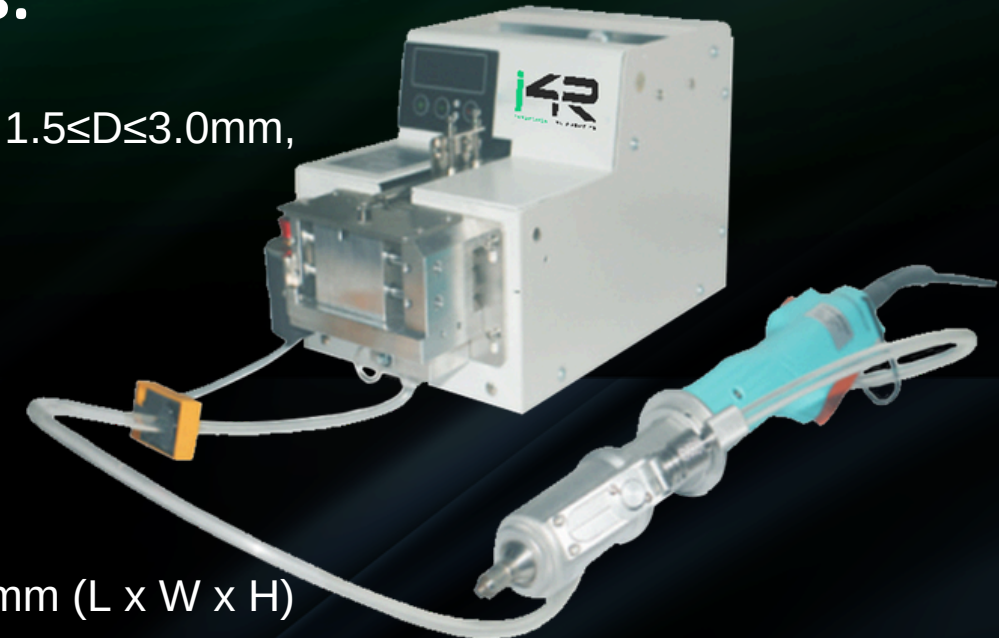
IF-SL021-R

1. Universal type, wide screw compatibility; rail spacing freely adjustable to screw size.
2. Rotary feeding, reliable delivery, high speed.
3. After each screw is driven, the next screw drops by gravity to the driving tip — pressing down locks the next screw in place.
4. Highly versatile; widely used in electronics, toys, plastics, automotive, and other industries.

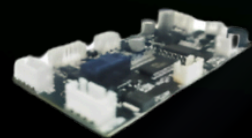
Overview: A widely used handheld automatic screwdriving machine that greatly improves manual screw-driving efficiency.

Technical Parameters:

1. Applicable screws: shaft diameter $1.5 \leq D \leq 3.0\text{mm}$, length $L \leq 15\text{mm}$
2. Feeding speed: 60–120 PCS/MIN
3. Input voltage: AC100–240V, 50/60Hz
4. Net weight: $3 \pm 0.5\text{kg}$
5. Hopper capacity: approx. 1,200 pcs (based on M2.5x10 screws)
6. Overall dimensions: 260 x 145 x 155mm (L x W x H)



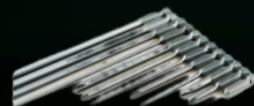
Feeder Circuit Board



Clamp Jaw



Custom Screwdriver Bit



Suction Nozzle



Z-Axis Mounting Fixture



Non-Standard Air-Blow Fitting



Single-Axis Screwdriving Station



Compact Screwdriving Base Station



Product Functions:

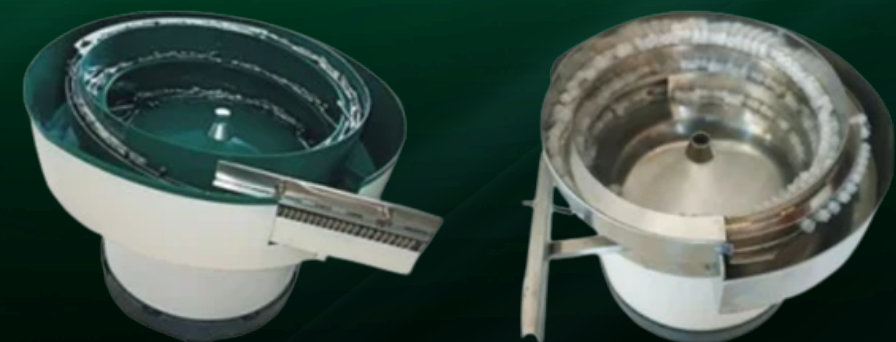


1. Used to check the torque settings of electric screwdrivers, air screwdrivers, and various torque wrenches.
2. Measures the torque output of electric screwdrivers, torque screwdrivers, and wrenches.
3. With fixtures, can test other products, such as the tightness of bottle caps/jars, destructive testing of small parts, and quality control of plastic screws.

Torque accuracy	Within $\pm 0.5\%$
Display	LCD, digital display
Charging time	Approx. 6 hours
Measuring direction	Both clockwise and counterclockwise; tightening and loosening torque can both be measured
Battery life	Approx. 300 charge cycles
Power supply	5 x 1.2V NiMH rechargeable batteries, 1000mAh
Dedicated charger	Input: AC100–240V, 50/60Hz / Output: DC7.3–8V, 0.5A

Vibratory bowl feeders are widely used in electronics, hardware, plastics, watchmaking, batteries, food, connectors, medical devices, pharmaceuticals, toys, stationery, and daily-necessities manufacturing, among many other industries — essential equipment for solving material-feeding needs in industrial automation. Beyond orienting and sequencing parts, vibratory bowls can also be used for sorting, inspection, counting, and packaging, making them a modern, high-tech product.

To meet the feeding requirements of different workpieces, the company has designed vibratory bowls in a wide range of models. Standardized production has been achieved across many applications, further improving product stability and consistency while reducing costs.



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