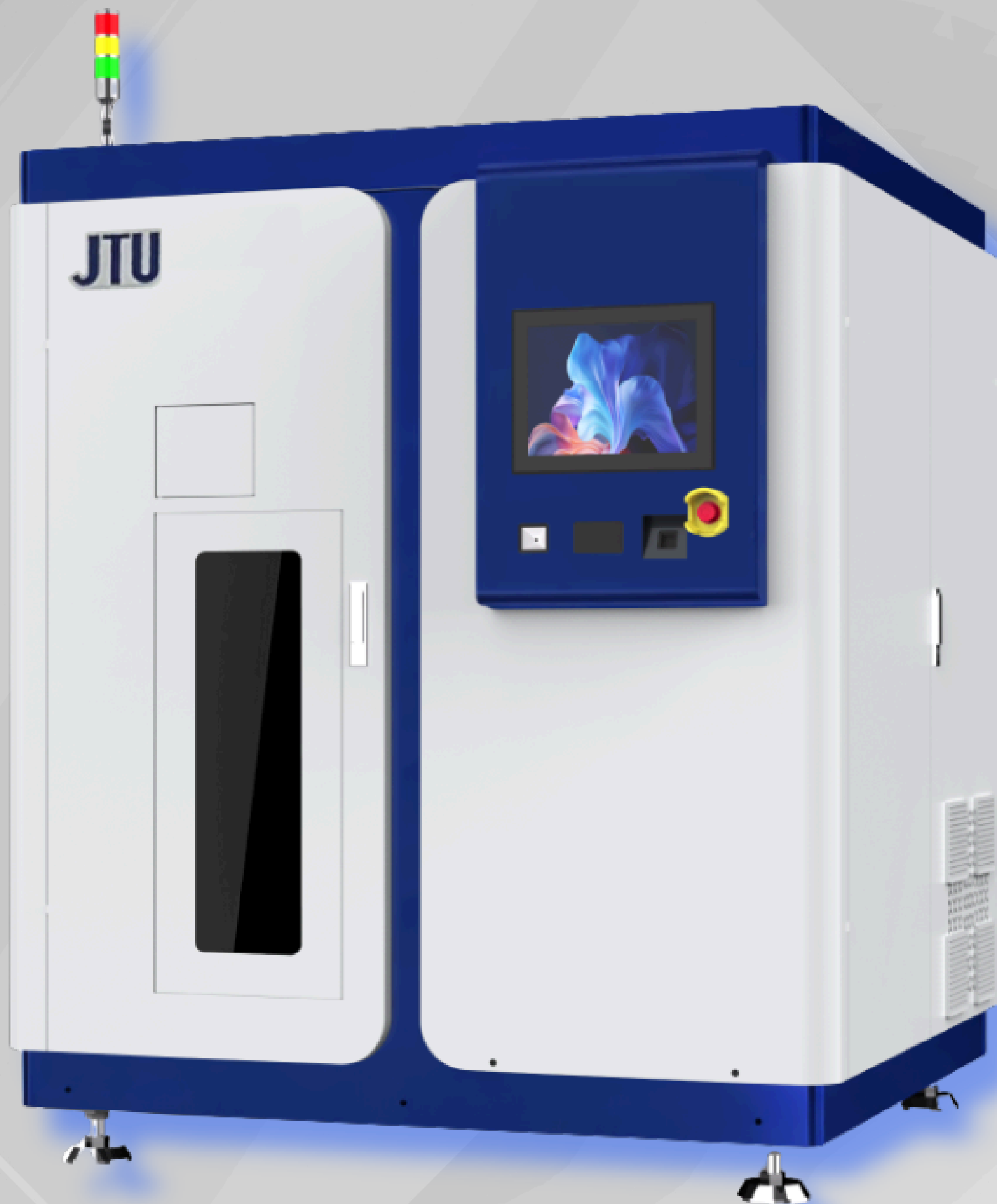




INNOVATIONS

2026



ZSW EVOL

*Horizontal and Selective
Fluxing*



*Scan the code to
watch the video*

Dual-wave soldering



ZSW EVOL

- EVOL Series modern wave soldering machine.
- **Evolution** of wave soldering machine concept.
- Extended process window
- Independently controlled 3-stage conveyors
- Optimum setting for desirable result
- Automatic recipe switching and model changeover
- Selective spray fluxing
- *Upgradable to Sono-Tek selective ultrasonic spray fluxer (Z-Select-W)*
- Industry 4.0 ready
- Nitrogen system is also available: EVOL-350N/510N/610N

Max. board size: L x W	600 x 350 mm / 600 x 510 mm / 600 x 610 mm
Conveyor type	Chain (Fluxing & preheating zone); Finger (Soldering zone)
Finger type	Heavy-duty
Conveyor height (Entrance)	780 ± 20 mm (With casters) / 750 ± 20 mm (Without casters)
Conveyor height (Exit)	1,097 ± 20 mm (With casters) / 1,065 ± 20 mm (Without casters)
Conveyor Direction	Left to right (Option: Right to left)
Number of preheating zone	3 bottom (Top is optional)
Preheating Temperature	Room temperature – 280°C
Solder pot type	Mechanical pump

ZSW PRO SERIES

Independent control of
each module conveyor

*With real-time
visualization*



Scan the code to
watch the video



ZSW PRO SERIES

- Pro series in-line selective soldering solution for higher production output
- **Professional** selective soldering technology & **protean** soldering solutions
- Modular concept to allow flexibility and expandability
- Mix-and-match concept to meet all kind of requirements
- Pro-F51/61: Selective flux module
- Pro-M51: Multi-point soldering module (with built in one-zone preheater)
- Pro-S51/61: Single-point soldering module (with built in one-zone preheater)
- Pro-H51/61: One-zone preheating module
- Pro-2H51/61: Two-zone preheating module
- Parallel process results in high productivity
- Independent control of each module conveyor
- With real-time visualization
- With offline programming
- *Upgradable to Sono-Tek selective ultrasonic spray fluxer (Z-Select-S)*

 **INNOVATIONS 2026**

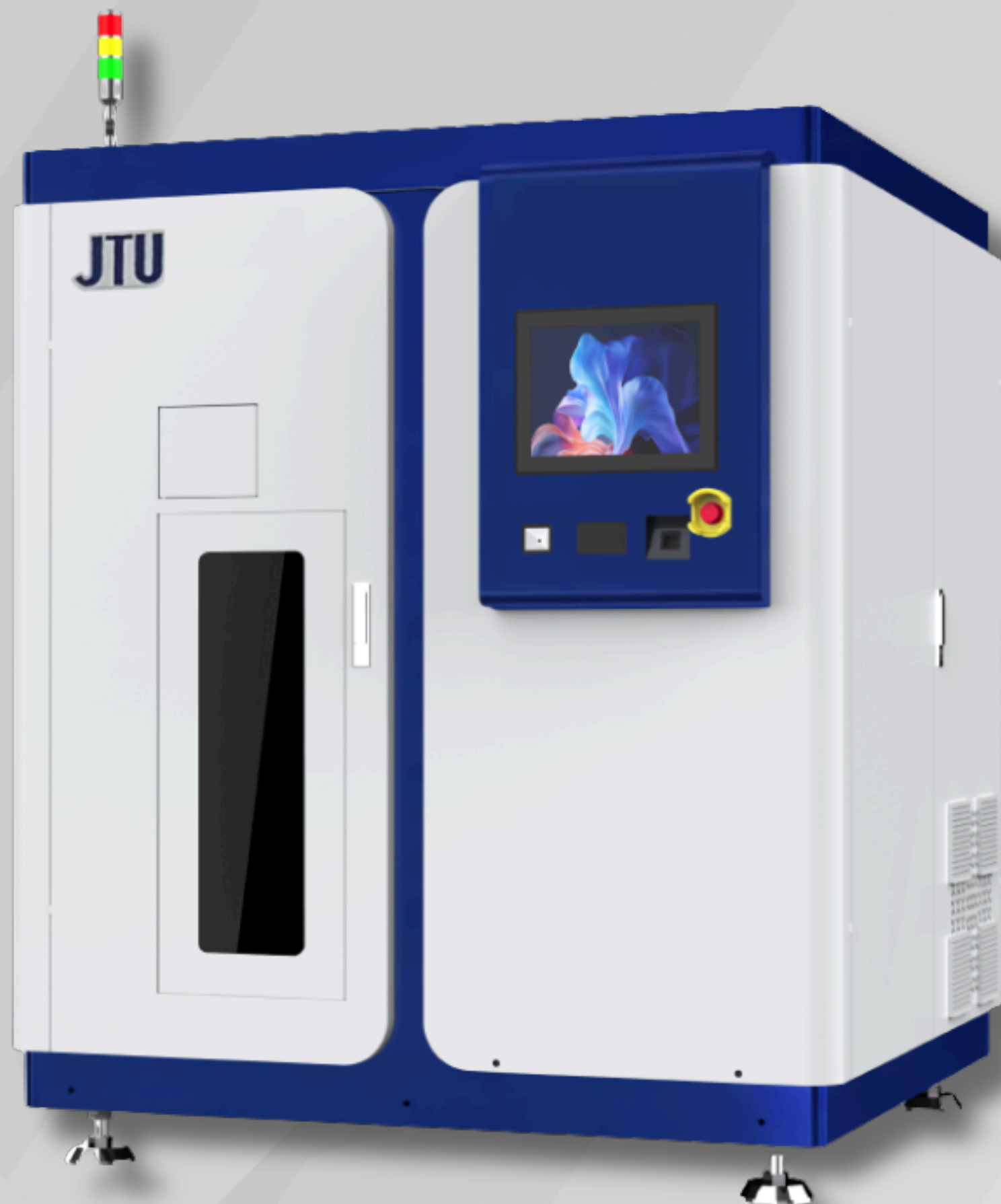
SERIES SS

Intelligent Storage

Dual-wave soldering



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watch the video*



SERIES SS

- All-in-one fully automatic system (Refrigeration, thawing & stirring)
- Intelligent inventory management system
- Full automation with controlled solder paste quality
- Maintain optimum conditions for solder paste storage
- Error-proof operations.
- Full traceability and reliability
- First-Expired-First-Out (FEFO) mechanism
- Industry 4.0 ready

Specification	SS-80S	SS-176M	SS-430L
Refrigeration capacity (jars)	80	176	430
Thawing capacity (jars)	8	42	70
Maximum feed quantity	6 jars at once	32 jars at once	50 jars at once

 INNOVATIONS 2026

CONFORMAL COATING

*One-Man-Operation
(OMO)*

Complete line solution



*Scan the code to
watch the video*



CONFORMAL COATING

The **One-Man-Operation (OMO)** Concept with pallet return conveyor reduces manpower, cost & increases productivity & product quality consistency. The modular concept offers highly flexible configuration possibilities and expandability.

• Type of drives	Closed loop servo motor
• X, Y travelling speed	1 – 800 mm/s
• Practical working speed	10- 200 mm/s
• X, Y repeatability	± 25 microns
• Effective coating area: L x W	460 x 460 mm (With T&C applied)
• Z-axis movement	100 mm
• Com. port	SMEMA 4 pins

GKG G-TERA

*AGV - Stencil Change
System*

*Core cycle time:
5.2 seconds.*



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watch the video*



GKG G-TERA

- Lightning speed with core cycle time 5.2 secs
- Upgraded linear motor-driven “LIGHT-Bolt” CCD camera
- Independent and paperless cleaning system
- Unmatched printing accuracy up to $\pm 12.5 \mu\text{m}$ @ 6 sigma, $\geq 2 \text{ Cpk}$
- Stencil lock and balanced squeegee pressure across product
- Ready to pair with AGV for automatic stencil changing, towards Lights Out Manufacturing (LOM)
- Full traceability conforming to Industrial 4.0

Specification	G-Tera
Dimension (L × W × H)	1,258 × 1,540 × 1,520 mm
Machine Weight	1,250 kg
Machine Alignment Capability	$\pm 8 \mu\text{m}$ @ 6 sigma, $\geq 2 \text{ Cmk}$
Process Alignment Capability	$\pm 12.5 \mu\text{m}$ @ 6 sigma, $\geq 2 \text{ Cpk}$
Core Cycle Time	5.2 secs
Max. Board Size (L × W)	Single-stage mode: 510 × 510 mm
Max. Board Size (L × W)	3-stage mode: 265 × 510 mm (Optional: 400 × 510 mm)

 INNOVATIONS 2026

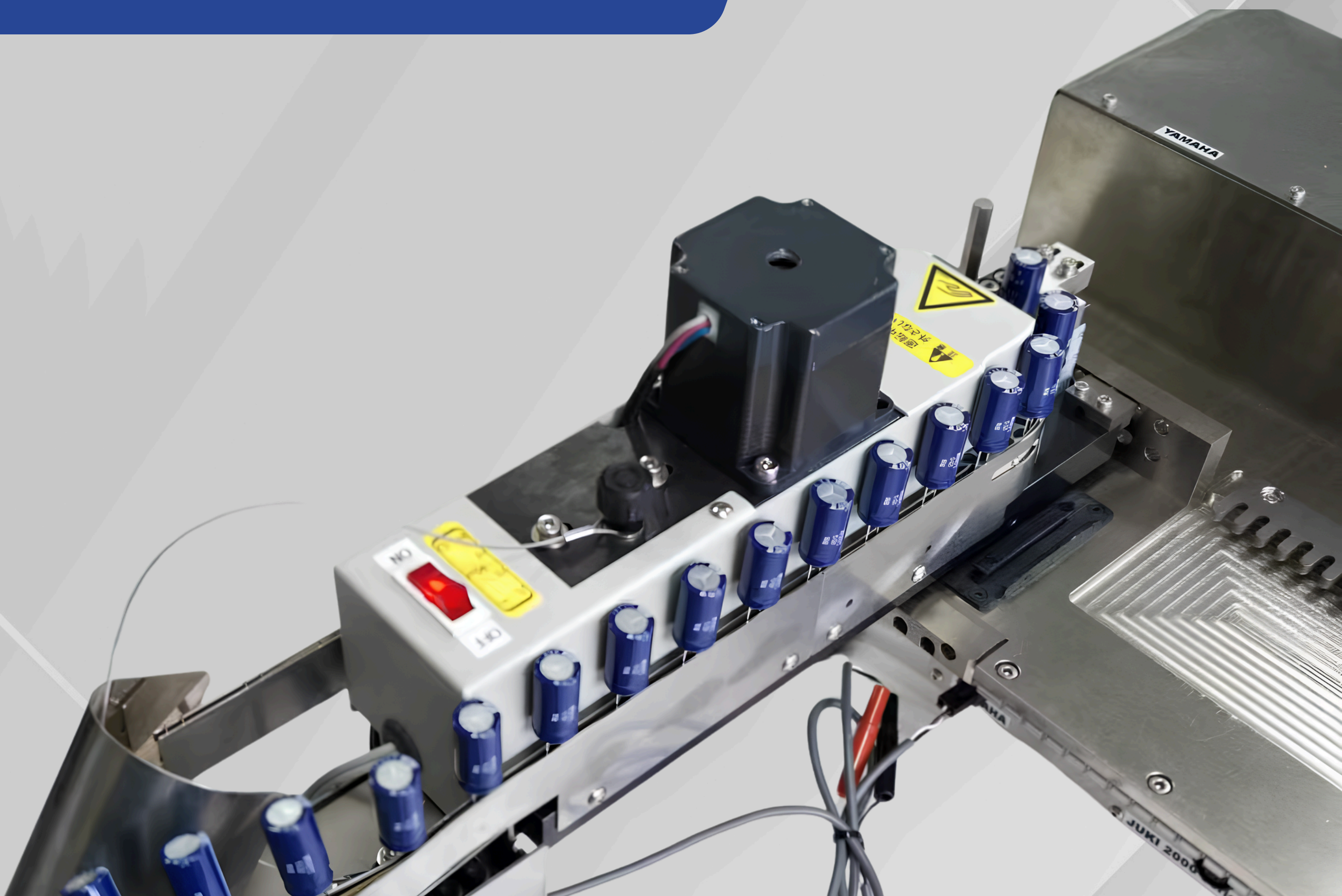
FEEDER THROUGH HOLE

Feeders Customizer

Feeder Radial, Axial and
Terminal



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CONTACT



VENTAS@SOLUCINDE.COM

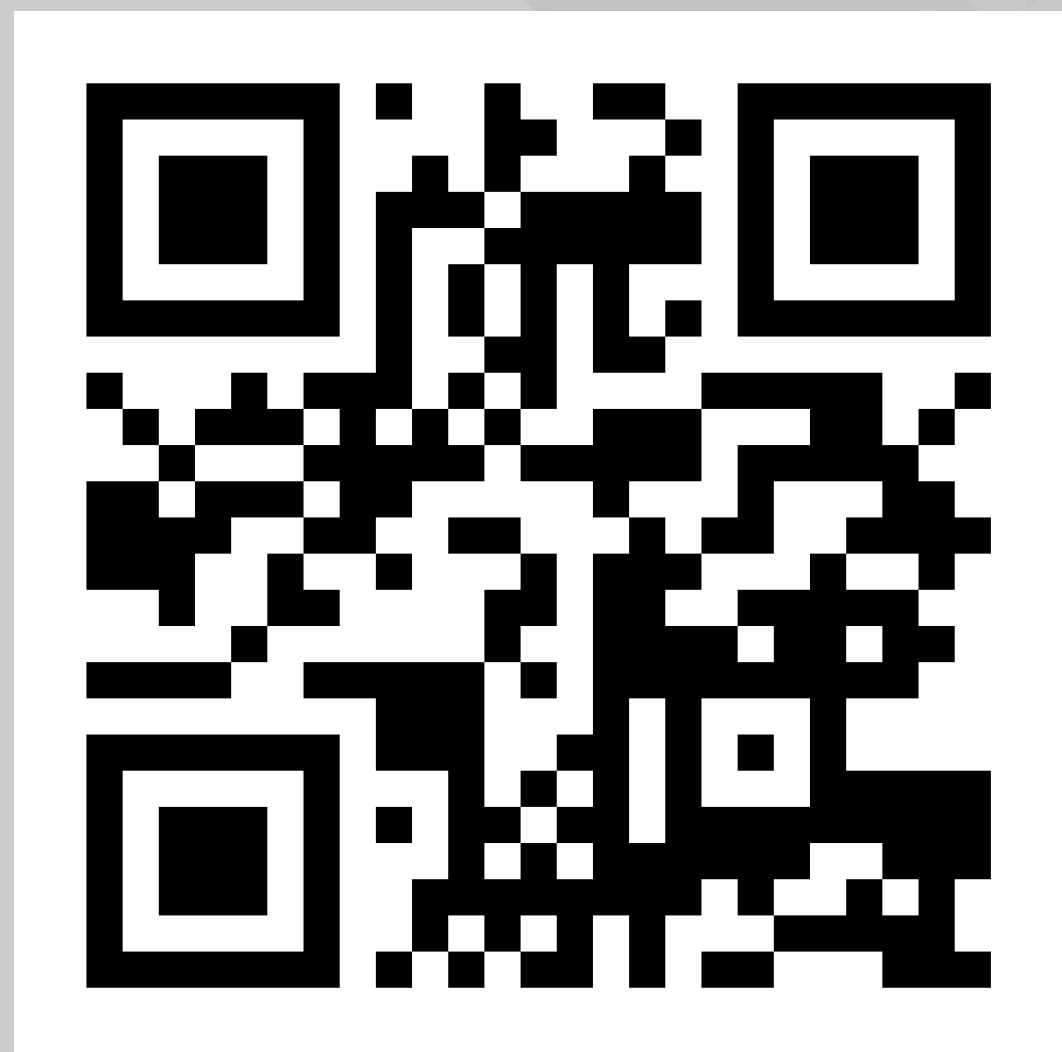
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