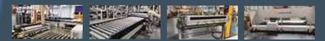
Panel Cleaning & Dust Removal Series

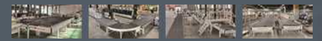
Automation handles and sorts automatically, cutting labor needs and costs.



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Edge Banding Return Conveyor Series

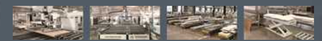
Enables single-person operation with automatic panel return.



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Gantry Loader & Unloader Series

Automated systems for efficient panel handling.



FORTRAN

Cabinet & Drawer Assembly Series

Automation enables fast, precise assembly while significantly reducing the production cycle.



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Panel Sword Brush Dedusting Machine

SC-1



- Dual-action cleaning: surface dust + deep-hole dust removed in a single pass.
- Sword brush with anti-static micro-moistening for residue-free surfaces.
- Self-cleaning brush mechanism ensures 24/7 continuous operation.

Automatic Panel Surface Wiping Machine

SW-800/1300



- Removes EVA glue residue and boring dust after edge banding & drilling.
- Automated roller wiping with consistent pressure across the full panel surface.
- Inline integration supports high-speed panel furniture production lines.

Technical Parameter	SC-1		SW-800/1300
Maximum Workpiece (L*W)	2800*1250mm	Minimum Material Width	60mm
Minimum Workpiece (L*W)	300*30mm	Maximum Material Length	Unlimited
Workpiece tickness (T)	8-60mm	Minimum Material Length	280mm
Processing speed	0-20m/min	Material Thickness Range	1.0-100 mm
Workable Height	900mm	Working Height	900±50 mm

Edge Banding Belt Return Conveyor

BC-28



- Universal Compatibility — Seamlessly synchronizes with all mainstream edge banding machines; handles panels from L:160*W:80 to L:2750*W:1220 mm.
- High-Speed Throughput — Stable operation up to 32 m/min with minimal panel spacing, keeping your production line running at full capacity.
- One-Operator Line — A single operator manages the complete edge banding process, reducing labor costs without sacrificing output.

Edge Banding Compact Return Conveyor

UX22



- Space-Saving Footprint — Ultra-compact design built for factories with tight layouts; fits where standard return conveyors cannot.
- Zero Surface Damage — Specialized anti-scratch conveying belt protects high-gloss and delicate panel surfaces throughout the entire return cycle.
- High-Speed & Low Maintenance — Operates at 16–32 m/min with a simplified structure that minimizes downtime and daily maintenance.

Servo Push-Feed Infeed System for Edge Bander

FQ-RXTS01



- Feed rate:8-12 pcs/min.
- Fully servo-driven with automatic size adjustment.
- Handles minimum panel size: 250x50 mm (suitable for narrow pieces).

Technical Parameter	FQ-RXTS01	UX22	BC-28
Max. workpiece(L*W*T)	2750*1220*60 mm	2750*1000*40mm	2750*1220*60mm
Min. workpiece(L*W*T)	250*50*12mm	200*60*10mm	150*60*10mm
Distance bewteen panels	800-1000mm	800-1200mm	Unlimited
Efficiency	8-12pcs/min	16-32m/min	16-32m/min

High Speed Gantry Loader

GL-04



Gravity Roller Conveyor

RC-600



1-Ton Scissor Lift Table with Roller Top

RLT-1T



Four-Pillar Gantry Loader

GL-4Z



3-Ton E-Type Scissor Lift Table

E-3T



3-Ton Hydraulic Lift Table

LT-3T



Manual Feed Cabinet Assembly Press

M900



- High assembly accuracy for neater finished products.
- Greatly improved efficiency and reduced labor costs.
- Easy to operate with stable and reliable performance.

Auto-Feed Cabinet Assembly Machine

ZG-130



- Precision guide rails: High accuracy, low vibration, long lifespan.
- Servo positioning: Fast response, high accuracy, strong torque, and compact structure.
- Photoelectric feeding: High precision and efficiency, with low failure rate.

Drawer Assembly Machine

CT-600



- High precision with minimal vibration and long lifespan.
- Linear guide rails ensure stable and accurate movement.
- Servo positioning delivers high accuracy, fast response, strong torque, and a compact design.
- Independent controls at each station to maximize efficiency.

Technical Parameter	ZG-130	M900	CT-600
Length of workpiece	300-2800mm	180-2800mm	300-1200mm
Width of workpiece	300-800mm	180-900mm	250-500mm
Height of workpiece	300-1320mm	180-1500mm	220mm
Overall dimensions	4950*1600*2850mm	4100*1000*2220mm	4780*1210*2400mm
Conveying efficiency	25-50m/min	5/10/20 mm/s	5

FORTRAN

Empowering Global Woodworking with Automation & Packaging



Automagation, Choose Fortran

Automatic Cardboard Cutting Machine Series

Efficient, precise, and cost-saving solution for carton production.



Automatic Box Closing Machine Series

High-speed closing with single-operator control, improving production efficiency.



Automatic Box Forming Machine Series

Automates traditional box folding and reduces labor costs by up to 50%.



Smart Robot Series

Automation handles and sorts automatically, cutting labor needs and costs.



Every model supports perforation, programmable box formats, and remote software upgrades — available in 2800 mm and 3500 mm working widths.

Automatic Carton Cutting Machine

C-2518-1

- Advanced Multi-Blade System: Features 7 longitudinal and 1 cross-cutting blades, engineered for precise and clean cuts on heavy-duty corrugated boards.
- High-Precision Servo Drive: Fully servo-controlled system ensures millimeter level accuracy and rapid format changes up to 2500mm width.
- Versatile Material Handling: Seamlessly processes single sheets, roll stock, and continuous fanfold boards,minimizing material waste.



Automatic Carton Cutting Machine

C-2518

- Equipped with 4 material magazines; max cutting width: 2550 mm.
- Equipped with 7 vertical and 1 horizontal blade for heavy-duty corrugated board.
- Servo motor controlled; max cutting width: 2550 mm.



Automatic Carton Cutting Machine

C-2518 Pro/Max
C-2825 HD

- Servo motor controlled; max cutting width: 2550 mm.
- Fortran special blades for heavy-duty corrugated board.
- Equipped with 6 paperboard magazines (up to 12 stacks).
- Optional blade configurations: 7+1, 11+1, 7+1+2, or 11+1+2.



Technical Parameter	C-2518-1	C-2518 / Pro / Max	C-2825 HD
Min. cutting length	L400*W300*40mm	L400*W300*40mm	L400*W300*40mm
Max. cutting width	L2750*W900*H250mm	L2750*W900*H250mm	L2750*W900*H300mm
Output efficiency	Up to 11 packs/min	Up to 11 packs/min	Up to 11 packs/min
Corrugated board thickness	2.5~7.5mm	2.5~7.5mm	2.5~10mm
Min. cutting spacing	18mm	18mm	25mm

Automatic Carton Cutting System

C-2518 Ultra

- With discharge residual material collection device.
- With guillotine function.



Automatic Box Closing Machine

S-2928Pro

- Tailored for Furniture: Specially designed to accommodate long-format and oversized cartons typical in the furniture industry.
- Supports box heights as low as 20 mm.
- Dynamic Auto-Adjustment: Servo-driven mechanism automatically detects and adjusts to varying carton dimensions in real-time.
- Industry 4.0 Ready: Seamlessly switches between high-speed mass production and flexible "Batch Size 1" customized packaging.



Automatic Box Closing Machine

S-2928Max

- Includes pre-folding unit.
- Supports box heights as low as 20 mm.
- Servo motor control. Automatic dimension adjustment.
- Industry 4.0 Ready: Seamlessly switches between high-speed mass production and flexible "Batch Size 1" customized packaging.
- Tailored for Furniture: Specially designed to accommodate long-format and oversized cartons typical in the furniture industry.

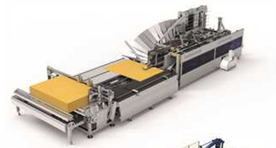


Technical Parameter	C-2518 Ultra	Technical Parameter	S-2928 Pro	S-2928 Max
Min. cutting length	L400*W300*40mm	Box length range	300-2900mm	300-2900mm
Max. cutting width	L2750*W900*H250mm	Box width range	200-1200mm	200-1200mm
Output efficiency	Up to 11 packs/min	Box height range	20-280mm Or 80-350mm	20-280mm Or 80-350mm
Corrugated board thickness	2.5~7.5mm	Output efficiency	4-8 PCS/min	4-8 PCS/min
Min. cutting spacing	18mm	External dimensions	10200*2200*2260mm	10200*2200*2260mm

Automatic Box Forming Machine

F-2590

- Supports 3-5 layer corrugated board.
- Servo-controlled automatic size adjustment with one-click format switching.



Box Closing, Weighing, Carton Printing & Robotic Palletizing System

FQ-P02

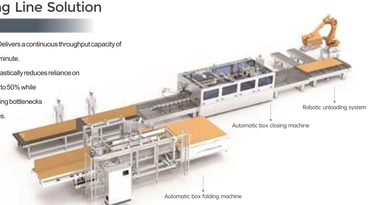
- Full-process automation.
- Intelligent linkage.



Fully Automated Carton Packaging Line Solution

FQ-P03

- High Throughput: Delivers a continuous throughput capacity of up to 7 cartons per minute.
- Maximized ROI: Drastically reduces reliance on manual labor by up to 50% while eliminating packaging bottlenecks and transit damages.



Technical Parameter	F-2590		
Carton length	400-2750mm	External dimensions	9070*3450*2300mm
Carton width	320-900mm	Production efficiency	4-7 boxes per minute
Box thickness	40-250mm		

Four-axis Column Robot

S-3

- Four-axis linkage ensures flexible and precise movement.
- Stable structure with strong load capacity.
- Wide application range, adaptable to various working scenarios.



Flat Storage

S-4

- Efficient space utilization to increase storage density.
- Protect panel surfaces from deformation and scratches.
- Automated access to improve inbound and outbound efficiency.



Automated Vertical Storage System

S-5

- Efficient space utilization, greatly increasing storage density.
- Automated access, significantly improving operational efficiency and accuracy.
- Intelligent management enables inventory visualization and traceability.



Technical Parameter	S-3	S-4	S-5
Lift stroke	1650mm	1700mm	3300mm
Load	100KG	100KG	100KG
Rotation radius	2900mm	4300mm	3000mm
Gripping Method	8 pcs/set silicone vacuum suction cups	8 pcs/set silicone vacuum suction cups	8 pcs/set silicone vacuum suction cups
Arm length	2700mm	11m*18m*4m	Customizable

About FORTRAN

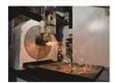



Raw Material Workshop


Sheet Metal Workshop


CNC Machining Workshop


Laser Processing Workshop


Laser Cutting Workshop


Robotic Welding Workshop


Quality Control Center


Final Inspection Before Delivery

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