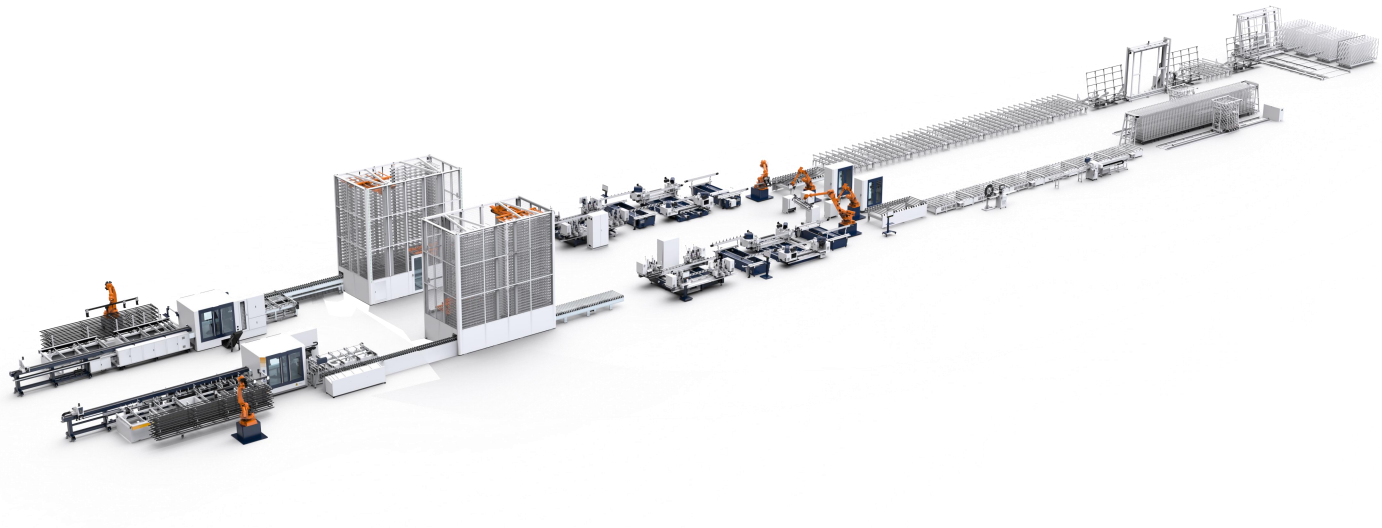
LEADCNC

Product Information

Serial No: 1

Name: SU100 Production Line

Model: SU100



SU100 Fully Intelligent Aluminum Windows, Doors & Curtain Wall Production Line

An all-rounder for your aluminum windows, doors and curtain walls manufacturing

Smart Layout, Smart Start — Complete Solution for Windows, Doors & Curtain Walls

Applicable Products: Suitable for aluminum casement windows, sliding windows, casement doors, sliding doors, curtain wall units, sunrooms, and other aluminum window and door products.

Main Feature:

Utmost Capacity: The entire CNC production line delivers maximum output while minimizing your ROI period, ensuring faster returns and higher productivity.

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Product Information

Serial No: 2

Name: SU100 Production Line

Model: SU100

Unmatched Level of Automation: The SU100 is engineered for customers seeking to transform raw bars into finished profiles with minimal operator involvement, boosting efficiency and consistency.

Lower Management Costs: Thanks to its advanced automation, the system requires minimal operator intervention, significantly reducing both labor and management expenses.

Enhanced Precision and Quality: The CNC technology guarantees consistent, high-precision profiles, reducing errors and waste throughout production.

Flexible and Scalable: Designed to accommodate various profile sizes and production volumes, the SU100 adapts easily to your evolving manufacturing needs.

Robust Safety Features: The SU100 incorporates advanced safety systems and intelligent monitoring to ensure safe operation and protect both operators and equipment.

Sustainable Production: Energy-efficient design and optimized material usage help reduce waste and lower your carbon footprint, supporting sustainable manufacturing goals.

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Product Information

Serial No: 3

Name: SU100 Production Line

Model: SU100

Flexible Integration: Compatible with most window and door design software and seamlessly connects with ERP systems. Production modules can be flexibly configured to meet diverse product specifications and capacity demands, adapting easily to changing order requirements.

High Space Efficiency: Scientifically planned and efficiently laid out production spaces enable a streamlined one-piece flow, maximizing output per unit area. Compared to traditional factories, this layout achieves up to three times higher productivity per square meter.

Equipments included in SU100

Name of Machine	Model	Quantity
Laser-Equipped Cutting and Milling Machining Center	Ultra X150/Ultra X260-E/Ultra X380	2
Intelligent End Milling Machine	Diamond 350DR	2
Intelligent Mullion Connector Inserting Machine	Lazulite 150	2
Intelligent Sorting and Allocating Line	TOPA	2
Intelligent Buffer Station	LD-QTK	2
Intelligent Corner Connector Assembly Line	Zircon 2500	2
4-head Intelligent Corner Crimping Machine	Barite 150F	2

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Product Information

Serial No: 4

Name: SU100 Production Line

Model: SU100

Name of Machine	Model	Quantity
Double robot injection line	Crystal-S	2
Connector rob Puching Machine	Coral	1
Automatic Remote Controlled Glazing Bead Cutting Machine	Turquoise 350/Turquoise 350R	1
Flip table	/	1
RGV/AGV	/	1
Door and window assembly line	Hematite	1
Adjustment stand	/	1
Finished product warehouse	/	1
6 Axes Robotic Arm(Material loading station)	ER150-3200	2
6 Axes Robotic Arm(Processing station)	ER50A-C10	2
The quantities of the above equipment are shown as minimum; actual quantities may be increased or decreased according to the specific situation.		

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Product Information

Serial No: 5

Name: SU100 Production Line

Model: SU100

Information	
Processing Efficiency	1,920pcs/8H (casement profile 1.8m*1.8m)
Lead Time	120 days
HS code	845710
Shipping Port	Qingdao
User Manual	Included
Installation on site	Included
Warranty	1 Year for whole machine expect the consubable parts 2 years warranty for corn parts like servo motors, gear and racks. Life-time technicial support for all machines.