



LEADCNC

Product Information

Serial No: 1

Name: Laser equipped Sawing and Milling Machining Center

Model: Ultra X260-E



Ultra X260-E High-Performance Intelligent Laser equipped Sawing and Milling Machining Center

Laser Equipped Milling, Drilling, Sawing and End Milling Machining Center for Aluminium Curtain Wall

Ultra X260-E –A high-performance cutting and milling center for aluminum and light alloy profiles of curtain wall, designed for milling, drilling, and cutting heads and ends

Applicable To: Stick Curtain Wall System, Unitized Curtain Wall System, Semi-Unitized Curtain Wall System, Aluminum Glass Facade. This machine can process profiles with a maximum width of up to 260mm.

Main Feature:



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Magnetic levitation automatic feeding: Feeds up to 5 profiles at a time. Raw material length: 600–7,000mm; processing length: 400–7,000mm; height: 30–190mm; width: 20–260mm.

Milling spindle linkage: Four 6KW electro-spindles (top, bottom, front, rear); front spindle rotates 105°; all spindles can work simultaneously.

Equipped with 2 high-precision laser systems: a 30 W front laser for marking and a 1.5 kW rear laser for drilling.

3 axis sawing: Equipped with a 600mm saw blade, 7.5KW with 3 axis downward sawing, rotation angle: 40°–140°.

4-axis horizontal end milling: 450mm saw blade, 2.5KW motor. 4-axis CNC for precise profile end milling.

Automatic unloading: Automatic unloading transfers finished profiles to the unloading area. Cross conveyor supports profiles up to 4,000mm.

Enclosed protection: All processing units are fully enclosed in sheet metal for noise reduction and safe operation.

Automatic labeling: Servo-driven automatic labeling system reduces manual work and maximizes efficiency.



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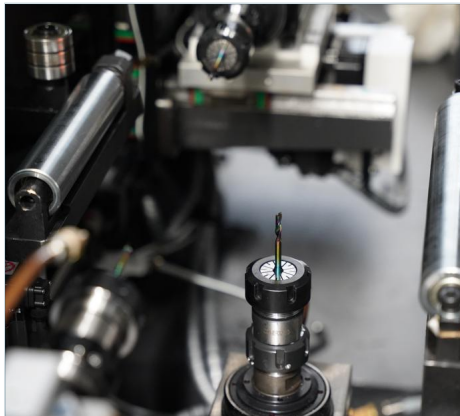
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CNC control: Advanced CNC system ensures stable, precise multi-axis machining, improving efficiency and quality.

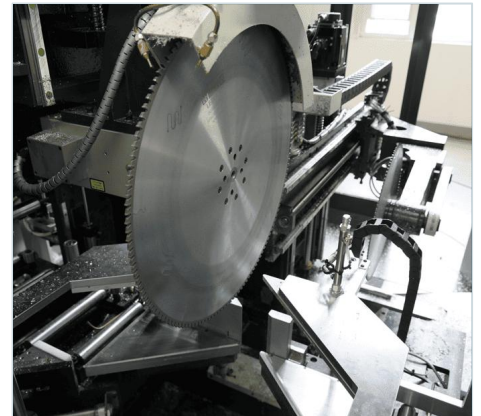
Smart connectivity: Seamlessly connects with ERP for real-time production planning, material management, and order tracking — enabling smart, flexible manufacturing.



FOUR ELECTRIC SPINDLES



AUTO LABELING DEVICE



CUTTING UNIT

Machining Specifications	Parameter Value
Raw Profiles Placed	5 PCS
Raw Profile length	600–7,000 mm
Processing Lenth	400-7,000mm
Processing Width	20-260mm
Processing Height	30-190mm



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Serial No: 4

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Product Specification

Infeed	Parameter Value
Drive	Linear
Motorized gripper adjustment	Y/Z
Gripper rotation	Standard
Residual piece measurement	Optional
Residual piece processing	Fully automatic

Milling unit	Parameter Value
Number of Spindle	4 (servo-assisted)
Spindle Power	6KW
Front Spindle Rotation	105° (45° upward and 60° downward)
Spindle speed	18000r/min
Tool	φ5、φ8 (8 total)
Laser	1*30W 1*1.5KW

Sawing unit	Parameter Value
Saw Blade	1*600mm 7.5KW
Rotation Angle	40°-140°
Axis	3
Accuracy	±0.1mm

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Model:Ultra X260-E

End Milling Unit	Parameter Value
Saw Blade	1*450mm 2.5KW
Axis	4
Rotation Angle	±90°
Accuracy	±0.1 mm

Outfeed clamping carriages	Parameter Value
Axis	1
Cycle operation(short parts)Laser	Optional

Outfeed conveyor	Parameter Value
Lifting station	YES
Outfeed conveyor width	4,000 mm (can be extended)

General Parameters	Parameter Value
Power supply	380V/50Hz
Power	36KW
Pressure	0.5-0.8Mpa
Gas consumption	300L/min
Weight	16,000KG
Overall dimensions	20,000×5,500×2,500mm (including workbenches on both sides)

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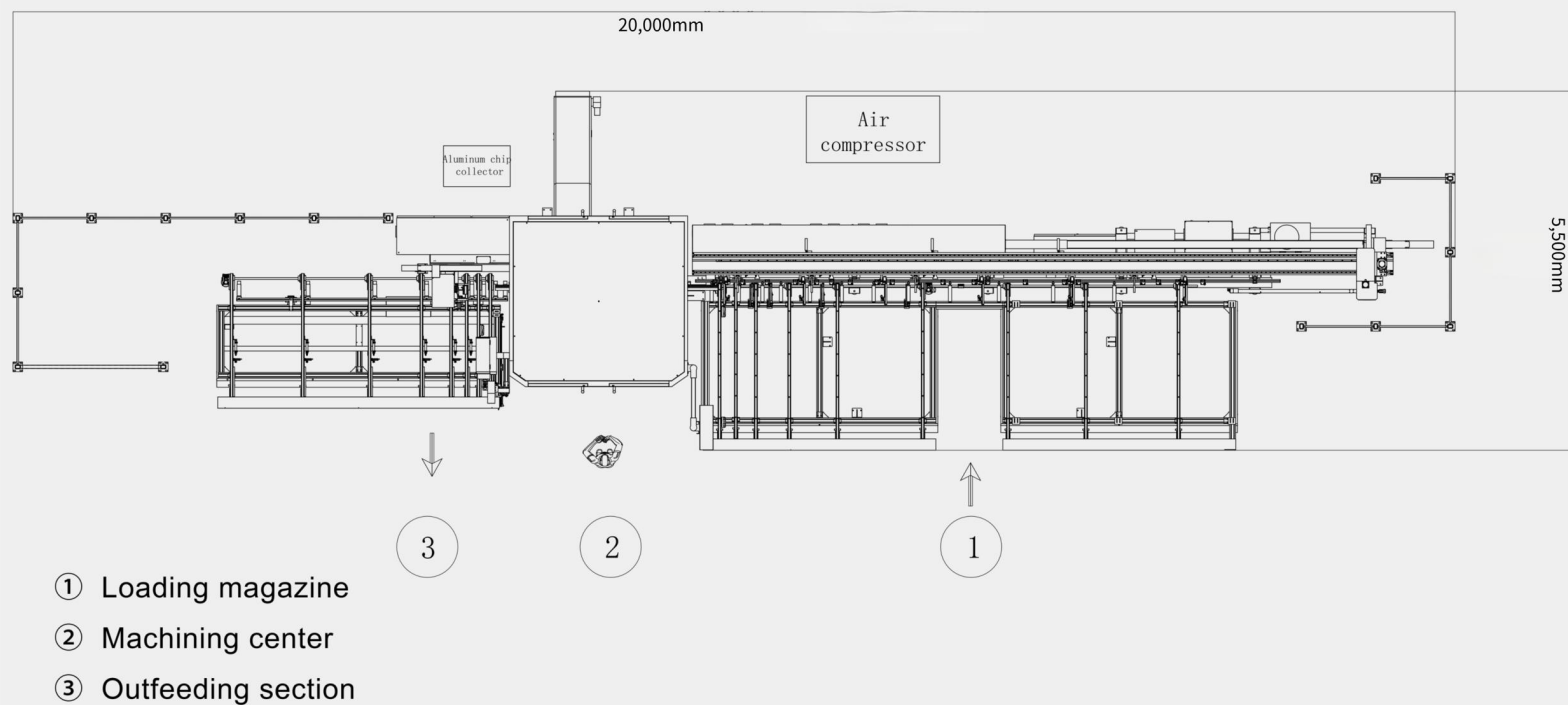
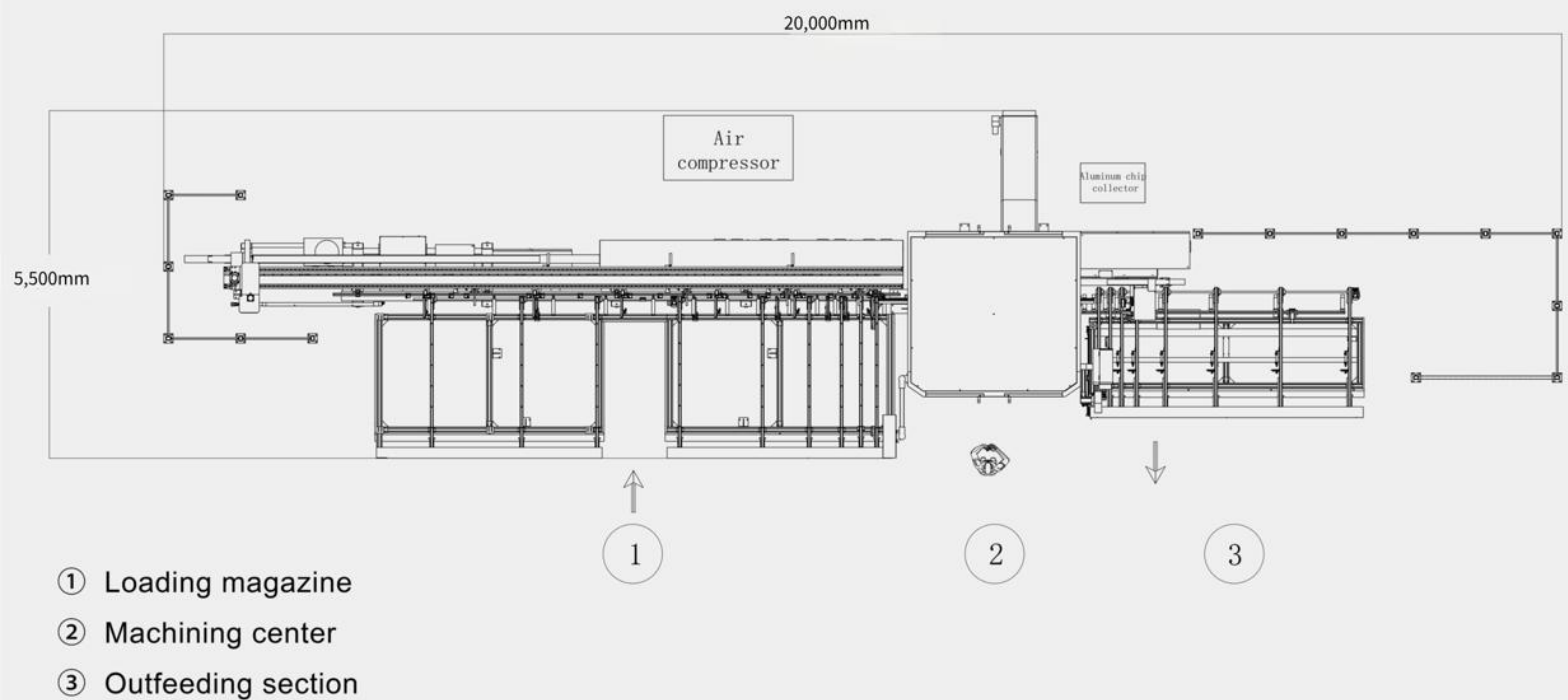
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Name: Laser equipped Sawing and Milling Machining Center

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Product Specification

LAYOUT



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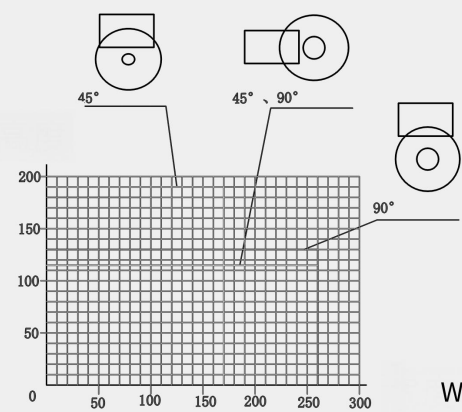
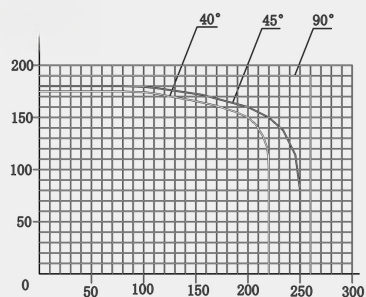
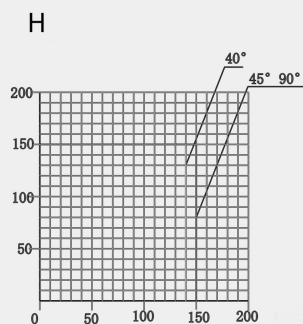
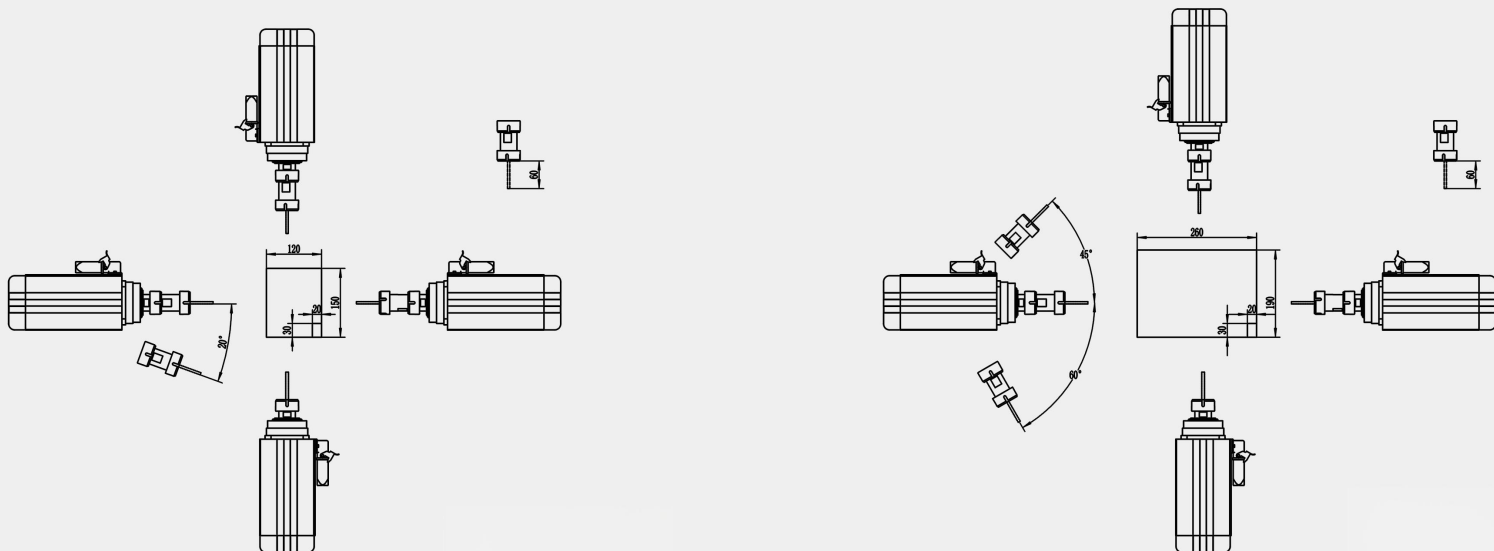
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Product Specification

Milling and sawing unit diagram



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