



LEADCNC

Serial No: 1

Name:CNC End Milling Machine

Model: Jadeite 350S

Product Information



Jadeite 350S –Specialized for End Milling of Aluminum Profile (Including Reinforced Mullions).

CNC Control System:

Operates with a CNC system featuring network connectivity.

User-Friendly Operation:

No skilled workers required. Automatically retrieves machining programs for seamless automated processing.

High Efficiency:

No need for manual tool adjustments; fully CNC-operated without requiring custom tooling. A single machine can produce 200,000 square meters annually with multiple combinations, doubling the efficiency of traditional CNC end-face milling machines.

High Precision:

Equipped with two 3kW high-speed precision dual-head electric spindles. Each spindle head is fitted with saw milling blades of varying thickness, with one spindle capable of automatic 90° rotation. The 5-axis servo system ensures burr-free, seamless processing.



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Noise Reduction and Environmental Design:

Fully enclosed structure minimizes noise, ensures hygiene, and provides a clean, sleek appearance. Aluminum chips are centrally collected at the bottom to prevent scattering.

Diamond Tooling:

Comes equipped with diamond tools, ensuring burr-free finished products.

Tool Life Management System:

Includes a standard tool life management system with automatic reminders for tool sharpening or replacement.

Automatic Maintenance Reminder:

Features an automatic maintenance reminder system for proactive detection and resolution of equipment issues, improving utilization rates.



High precision electric spindle with double heads



Servo-controlled system



Intelligent operating system



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Product Specification

Machining Parameters	Parameter Value
X-axis stroke	1,200mm
Y-axis stroke	100 mm
Z-axis stroke	600 mm
Minimum blade thickness	3.2mm (optional)
Max height of workpiece clamped on table	200mm
Maximum milling depth	70mm
Size of table feed opening (W*D)	480×420 mm
Technical Parameters	Parameter Value
Diameter of double-head spindle shaft	Φ30mm
Max cutting tool diameter	350mm
Number of tools	4 sets
General Parameters	Parameter Value
Machine size (L ×W × H)	2,500 × 1,700 × 2,200 mm
Machine weight	2,700KG
Air pressure	0.5-0.8MPa
Power supply	380~415V 50HZ 12KW
Air consumption perminute approx	250L with spraying
Milling motors' power	2*3kw
Motor speed	3,000r/min

LEADCNC Machinery Co., Ltd

www.leadcnc.com

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