



LEADCNC

Serial No: 1

Name: Intelligent End Milling Machine

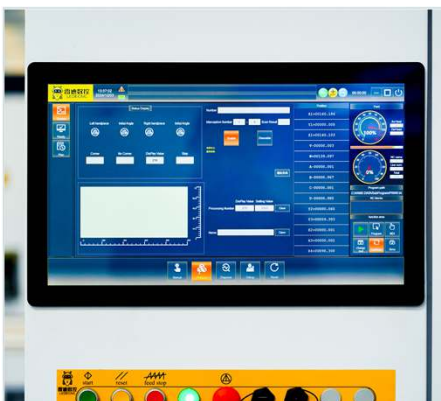
Model: Diamond 350DR

## Product Information



This is a newly developed high-efficiency automated milling machine designed for aluminum windows, doors and curtain wall machining. Based on extensive market research, the machine is engineered to achieve a high level of automation, precision, and production efficiency while minimizing labor costs and ensuring ease of maintenance. Equipped with feeding, pushing, and unloading devices, the machine can perform automatic feeding, milling, and unloading cycles seamlessly. It supports seamless integration with various software systems, significantly boosting production efficiency, reducing labor intensity, and enhancing product quality.

The machine primarily consists of two movable milling heads, a frame, an electrical cabinet, and a CNC system. Its saw blade enables machining at angles ranging from 0° to 120°.



**INTELLIGENT OPERATING  
SYSTEM**



**THE FOUR MITRE SAW  
MAKE END MILLING  
SYNCHRONOUSLY**



**POSITIONING SYSTEM  
WITH UNPARALLELED  
PRECISION**



LEADCNC

Serial No: 1

Name: Intelligent End Milling Machine

Model: Diamond 350DR

# Product Specification

Machining Parameters	Parameter Value
Max.processing length	360-3,000mm
Processing profile width	50-130mm
Processing profile height	50-150mm
Machining Precision	Parameter Value
Processing Precision	± 0.1 mm
Repeatable positioning accuracy	± 0.02 mm
Cutting surface roughness	Ra12.5um
Technical Parameters	Parameter Value
Cutting tool diameter max	300mm
Saw blade	φ300×5.5×φ30 φ300×3.2×φ30mm
Feed speed	0 ~ 3m/min
General Parameters	Parameter Value
Power supply	380V/50Hz
Rated Power /Power	22.5KW
Pressure	0.5-0.8MPa
Air consumption	200L with spraying
Weight	3,500KG
Overall dimensions	6,400mm×1,400mm×1,900mm

**LEADCNC Machinery Co., Ltd**

[www.leadcnc.com](http://www.leadcnc.com)

The right to make technical alterations is reserved.



LEADCNC

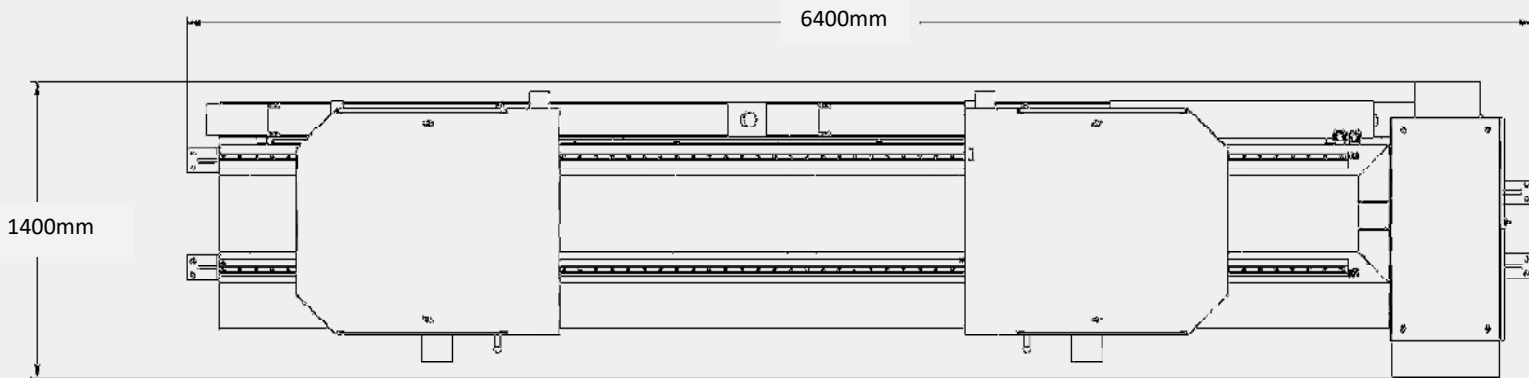
Serial No: 1

Name: Intelligent End Milling Machine

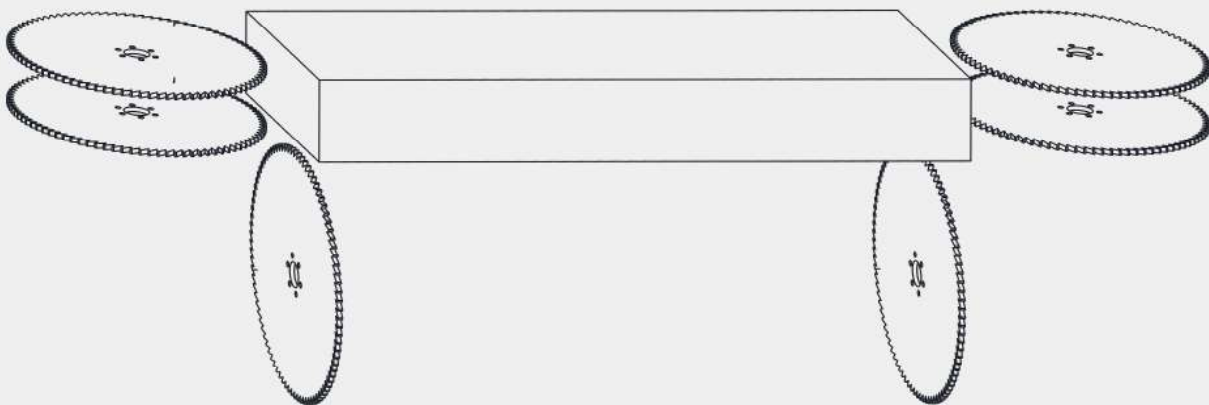
Model: Diamond 350DR

# Product Specification

## LAYOUT



## MACHINING AREA OF THE MILLING UNIT



Processing profile length (mm)	360-3000
Processing profile height (mm)	50-150
Processing profile width (mm)	50-130

**LEADCNC Machinery Co., Ltd**

[www.leadcnc.com](http://www.leadcnc.com)

The right to make technical alterations is reserved.