
Aluminum profile cnc milling machine



Feature

- 1.Using advanced industrial CNC systems, friendly human-machine interface, device operation is simple
- 2.Suitable for aluminum alloy, aluminum and wood composite profile, profiles and other light alloys of copper, as well as the u-PVC profile processing
- 3.Bed made of high strength steel welded structure, completed after thermal aging treatment of machining in one clamping
- 4.Adopts imported high precision linear guideways, ball screws, gear racks and servo motor, ensuring smooth motion, positioning and processing of high precision
- 5.High-quality imported high speed spindle ensure stability, stability of



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rotation noise, cutting ability

Industry Application:

Transportation products manufacturing (trains, cars, ships, etc), Medical equipment,

bathroom accessories, windows&doors, curtain walls, interior decoration and other

industries.

Technical Parameters:

X-axis stroke	3000/4000/5000mm	Y-axis stroke	300mm
X-axis feed rate	0~60m/min	Y-axis feed rate	0~48m/min
X-axis positioning accuracy	±0.05mm	Y-axis positioning accuracy	±0.05mam
Z-axis stroke	200mm	Repeat location accuracy	±0.02mm
Z-axis feed rate	0~20m/min	Roughness	Ra 6.3 um
Z-axis positioning accuracy	±0.02mm	Spindle Power	5.5kW
Power Specification	380V/50Hz/60HZ	Spindle Speed	0~24000rpm
Total Power of Machine	7.5kW	Working Pressure	0.6~0.8MPa
Machine Size	5100x1420x1750mm	Weight	3000kg

Devices are used ER25 collet, clamped milling tool shank diameter is 2~16

Optional ER32 collet clamped milling tool shank diameter is 2~20;

ER40 collet clamped milling tool shank diameter is 3~27



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Working video:

<https://www.youtube.com/watch?v=IRUIYNQO7DM&list=PLTpUpjNHcxyEc7-F7tW2TfEZDjZRjanP>

<https://www.youtube.com/watch?v=IRUIYNQO7DM&index=1&list=PLTpUpjNHcxyEc7-F7tW2TfEZDjZRjanPP>

<https://www.youtube.com/watch?v=a7tu0Axxgvc0&index=3&list=PLTpUpjNHcxyEc7-F7tW2TfEZDjZRjanPP>

<https://www.youtube.com/watch?v=b8-elOLif7g&list=PLTpUpjNHcxyEc7-F7tW2TfEZDjZRjanPP&index=4>

<https://www.youtube.com/watch?v=iH5owe2xuUs&list=PLTpUpjNHcxyEc7-F7tW2TfEZDjZRjanPP&index=5>

<https://www.youtube.com/watch?v=syUfEytPLvg&list=PLTpUpjNHcxyEc7-F7tW2TfEZDjZRjanPP&index=6>

https://www.youtube.com/watch?v=zI_MWgUX1uQ&list=PLTpUpjNHcxyEc7-F7tW2TfEZDjZRjanPP&index=7

https://www.youtube.com/watch?v=2Uz9D_3y62o&index=8&list=PLTpUpjNHcxyEc7-F7tW2TfEZDjZRjanPP

<https://www.youtube.com/watch?v=qYuCbJWLIgU&list=PLTpUpjNHcxyEc7-F7tW2TfEZDjZRjanPP&index=9>

<https://www.youtube.com/watch?v=sz325OKPE6M&index=10&list=PLTpUpjNHcxyEc7-F7tW2TfEZDjZRjanPP>

<https://www.youtube.com/watch?v=zhQiH-Hs5TU&list=PLTpUpjNHcxyEc7-F7tW2TfEZDjZRjanPP&index=11>

<https://www.youtube.com/watch?v=Fi7fKqNN7xU&list=PLTpUpjNHcxyEc7-F7tW2TfEZDjZRjanPP&index=12>



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