PERFECT LASER .CO.ZA

PLE-1325 ATC CNC ROUTER (T-SLOT BED)

The PLE-1325 ATC CNC Router is a versatile machine designed for precision cutting, engraving, and milling of various materials like wood, plastics, and non-ferrous metals such as aluminium. With a large working area, big enough to fit a standard sheet of material, a T-slot bed, and an 8-tool automatic tool changing system, it enhances productivity in woodworking, sign-making, and industrial applications by reducing down time during tool changes.



SPECIFICATIONS

Spindle	:	9KW (air-cooled)
VFD	:	11KW
Collet	:	ER-32 ISO30
Spindle Speed	:	0-24000RPM
Drive System (X,Y-axis)	:	Rack and Pinion
Drive System (Z-axis)	:	Ball & Screw
Rail type	:	25mm Square Linear Rail
Servo Motor	:	1000W
Machine Size (W*L*H)	:	2300*3100*1900mm
Working Size (X,Y,Z)	:	1300*2500*280mm
Machine Weight	:	~1000KG
Max Speed	:	40m/min
Controller	:	WEIHONG NC studio Nk280
Supported Axes	:	3-axis
Supported Softwares	:	Fusion, Vectrics, Easel
Cutting Accuracy	:	<0,025mm
Power Input	:	230VAC Single Phase
Bed Type	:	Aluminium T-slots with PVC covers
Machine Structure	:	Steel Frame
Warranty	:	6 months on electronics 12 months on machine

FEATURES

- Uses industry standard software.
- Programmable Motorized Z-Axis.
- Precision X - Y Axis.
- Pre-loaded linear bearings & precision ballscrews.
- Low maintenance, high reliability.
- Shipped to you as a completely pre-assembled & factory-tested system.

BENEFITS

- Cuts & engraves a wide range of materials.
- No noxious gases, liquids or oils are used or caused by the machining process.
- Environment-friendly system. Quiet & clean
- Moderate electrical consumption.
- We hold consumables & spares in stock in our branches nationwide, ensuring minimum downtime for your business.

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DISCLAIMER

Information contained in this data sheet is up-to-date & correct as at the date of issue. As Perfect Laser Technologies (Pty) Ltd cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. To the maximum extent permitted by law, Perfect Laser Technologies (Pty) Ltd will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given other than those that are mandatory by law. This document is subject to change without notice.

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