PERFECT LASER .CO.ZA

PLE-1325 CNC ROUTER PRO (VACUUM BED)

The PLE-1325 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 and a vacuum bed, it enhances productivity in woodworking, sign-making, and industrial applications by being able to fit a standard sheet of material.

SPECIFICATIONS

Spindle	:	5.5KW (water-cooled)
VFD	:	5.5KW
Collet	:	ER-32
Spindle Speed	:	0-24000RPM
Drive System (X,Y-axis)	:	Rack and Pinion
Drive System (Z-axis)	:	Ball & Screw
Rail type	:	Square Linear Rail
Stepper Motor	:	450B
Machine Size (W*L*H)	:	2300*3100*1600mm
Working Size (X,Y,Z)	:	1300*2500*150mm
Machine Weight		1000KG
Max Speed	:	15m/min
Controller	:	RichAuto A11E
Supported Axes	:	3-axis
Supported Softwares	:	Fusion, Vectrics, Easel
Cutting Accuracy	:	<0,05mm
Power Input	:	380VAC 3-Phase
Bed Type	:	PVC Vacuum bed - 5.5KW Vacuum pump
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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