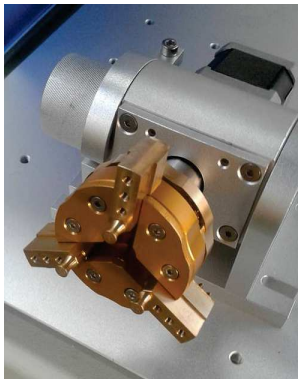
Perfect Laser Technologies

PLF-30 HQ FIBER LASER



For marking logos, serial numbers, bar codes and other images or text on many metallic materials and lots of plastic-type products such as cell phone covers, chargers, notebooks, tablets, etc. The rotary attachment allows the engraving of circular items such as rings. Materials include:

ABS (Acrylonitrile Butadiene Styrene)
Aluminum
Anodized Aluminum
Brass
Carbon Fiber
Gold
Machine Tool Steel
Magnesium
Molybdenum
Nickel
Nylon
Silicon Carbide
Stainless Steel
Titanium
Zinc Plated Mild Steel







FiberMaster 30 HQ

FEATURES

- Re-enforced frame with good looking design
- Specialized fiber marking software
- 3rd generation high speed fiber laser
- LED torch mounted to the left side of operating area for better visibility while operating
- Premium brand monitor
- Long operating life
- Precision X-Y-Z-Axis control
- Almost zero maintenance, with high reliability
- Quiet and clean engraving / marking
- Perfect Laser specified custom wiring
- Made by XT Laser exclusively for Perfect Laser
- Re-enforced vertical arm and mounting
- Premium brand wireless mouse and keyboard
- Shipped to you as a completely pre-assembled and factory-tested system



SPECIFICATIONS

PLF-30 FiberMaster HQ

Laser wavelength	:	1064nm
Frequency	:	20kHz~80kHz
Laser power	:	30 Watts
Work area (mm)	:	200*200
Laser source	:	Raycus Fiber module
Laser head	:	Sino Galvo
Minimum character size	:	0.01mm
Marking speed	:	Up to 7000 mm/s
Repeated accuracy	:	0.0025 mm
Cooling	:	Forced-air cooled
Power supply	:	220V/ 50Hz / 2kVA

BENEFITS

- Marks a wide range of materials and thicknesses
- No tool changes reduces job setup time
- Produces a high quality marking reducing secondary finishing operations and associated costs
- Environment-friendly system. Quiet and clean with low electrical consumption
- Perfect for short-run or just-in-time production
- Increases your profitability
- We hold consumables and spares in stock in Cape Town and Johannesburg, ensuring minimum downtime for your business

Perfect Laser Technologies (Pty) Ltd
Unit 6, 451 Vale Ave, Randburg.
Tel: 010 157 0113
www.perfectlaser.co.za
sales1@perfectlaser.co.za

Disclaimer
Information contained in this data sheet is up-to-date and 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.

October 2021