# PLT-1410 HQ

Perfect Laser Technologies

NEW FOR 2021







# LaserMaster 1410 HQ FS 100

For small to large businesses with a requirement for a high-quality, feature-rich, powerful 100 Watt laser machine. The PLT-1410 HQ Floor-Standing laser is perfect for professional engraving and cutting of half sheets with no waste. You will be able to cut and engrave many kinds of non-metal materials, such as MDF, Acrylic, Bamboo, Cloth, Plastic, plexiglass, and more. You can also engrave on Marble, Granite, Glass, Tiles, Leather, and more.

## SPECIFICATIONS

**PLT-1410 HQ Floor-Standing Lasermaster**

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|---|---|---|
| Working table size | : | 1400(x) x 1000(y)mm |
| Laser Tube type | : | Sealed $CO^2$ glass |
| Laser power | : | 100 Watts (130 Watts option) |
| Cutting speed | : | 0 - 200 mm/sec |
| Engraving speed | : | 0 - 500 mm/sec |
| Resolution | : | ±0.01mm |
| Supports filetype | : | PLT, DXF, AI, JPG, TIF |
| Ports | : | USB 2.0, Ethernet |
| Software | : | RDWorks V8 |
| Motor | : | Stepper |
| Voltage | : | AC 110-220V, 50-60Hz |
| Power Use | : | <2000W (Total) |
| Table Type | : | Blade & Honeycomb |
| Z-Axis Movement | : | Yes - electric, 30cm |
| Focus type | : | Auto Focus |
| Water-Cooled | : | Yes - JZ5200 chiller supplied |
| Rotary Attachment | : | Optional extra (from R6000) |
| Cutting Thickness | : | 0-16mm (material dependant) |
| Unit Size | : | 1870*1410*1300mm |
| Gross Weight | : | 500kg |

## FEATURES

- Originally designed for the European market
- 3rd generation high speed $CO^2$ laser
- Long-life high-quality laser tube
- Imported Lens and mirrors
- High quality FuLo belts
- High-precision 3-phase stepper motors
- Precision X-Y-Z-Axis control
- 2-3mm steel used in body construction
- Low maintenance, high reliability
- Quiet and clean engraving / marking
- Shipped to you as a completely pre-assembled and factory-tested system

## BENEFITS

- Cuts a wide range of materials and thicknesses
- No tool changes reduces job setup time
- Produces a high quality cut reducing secondary finishing operations and associated costs
- Low electrical consumption
- Perfect for short-run or just-in-time production
- Increases your profitability
- Full front/back/side pass-through capability
- We hold consumables and spares in stock in Cape Town and Johannesburg, ensuring minimum downtime for your business

Disclaimer
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