

Any questions? Call or visit us.



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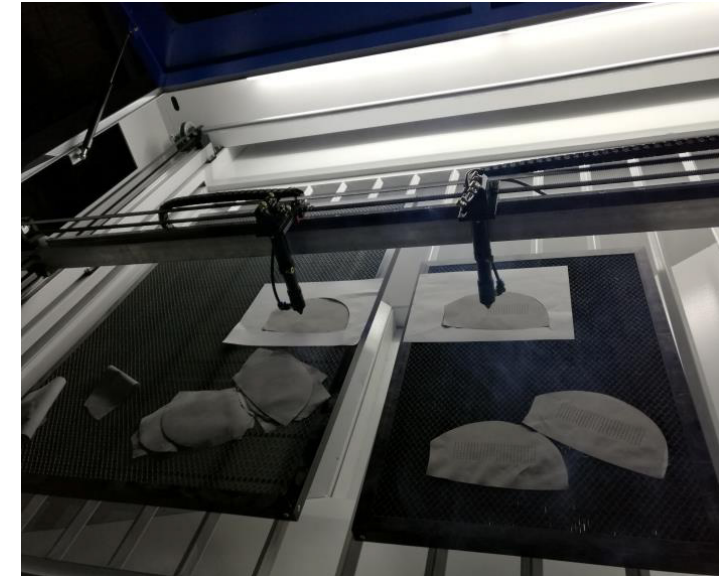
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Unitec UT 1290 LB Laser Cutting Machine



*This machine is designed for a starter market.
For Industrial use please take a look at our UT 1290 L brochure.

Machine Overview

- The Unitec Laser (150W Belt) is a DIY cutting machine. It allows you to cut through non-metal objects. It is also the most economical machine with which to enter the market.
- The machine is equipped with a Belt, a Hybrid servo system, an industrial chiller and imported lenses and mirrors.
- The machine is also equipped with Unitec patented technology, which provides unmatched precision when cutting metal. This machine ensures high quality metal cutting.

Features

- Belt driven machine
- An industrial cooling system.
- A Hybrid servo system.
- A 150W Belt
- Offline working system
- Imported lens
- An ability to support many file formats.
- Mainly applied to cut and engrave acrylic, leather, wood.

Cutting Speed

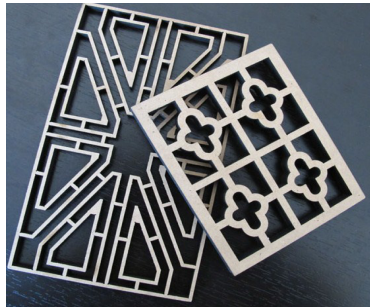
Material	Cutting thickness	Cutting speed (mm/min)	Max cutting thickness
Acrylic	10mm	300	30mm
Acrylic	20mm	90-120	30mm
MDF	10mm	300-400	10mm

*Please note that cutting speed might vary because of different material features and working conditions.

Cutting Samples



Acrylic - 30mm



MDF - 8mm

Technical Specifications

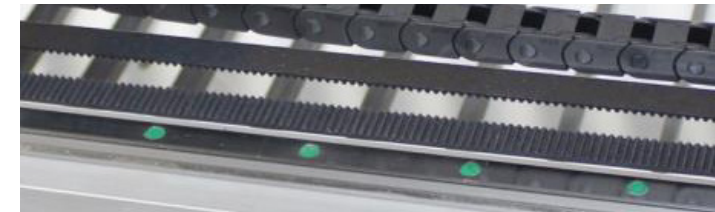
Effective working area	1300mm x 900mm
Working table	Honeycomb table
Engraving speed	0-60000mm/min
Cutting speed	0-36000mm/min
Cutting depth (acrylic)	0-30mm
Resetting positioning accuracy	<0.01mm
Minimum shaping character	English 1mm, Chinese 2mm
Power supply	220V(or110V)+/ 10% 50Hz Driving mode
Driving mode	Stepping motor
Control system	RD offline system. DSP system (Laser works of RD, Laser cutter of Leetro, LaserCAD of QC)
Software	ArtCut, CorelDraw, PhotoShop, AutoCAD
Operation system	Windows 98/ME/2000/XP/VISTA/Windows 7
Working temperature	0-45°C
Working humidity	5-95%
Gross power	1100W
Machine dimension	1840mmX1400mmX1030mm
Package size	2040mmX1600mmX1320mm



Electrical Requirements

	Consumed Electricity (KW/H)	Total Consumed Electricity (KVA)	Consumed Electricity Per Hour
Laser Tube	0.3KW	0.88KVA	0.88°
Machine Body	0.008KW	0.88KVA	0.88°
Cooling System	0.5KW	0.88KVA	0.88°

Linear Guild



Laser Tube



Motor



Laser Head & Rotary

