

DL Laser cutters



Features:

- Stable steel structure and constant temperature control
- suitable for 24 hours non stop runs.
- Multipurpose cutting: die-boards, acrylic and carbon steel
- Lead screw and guide rail are totally enclosed to avoid dust collection
- Automatic Z axis tracking system to maintain focus on cutting material
- X,Y & Z axis use servo motors(Mitsubishi, Panasonic)
- Precise ball screw and linear guide rail movement
- Vacuum sweeper to prevent surrounding environment from pollution
- CNC program with functions such as linear, circular interpolation fitting, reverse clearance compensation, screw pitch compensation, cutting compensation
- High power laser generator based on Italian technology
- Axis DC actuating
- Laser power stability: +/-1% and beam quality can reach TEM00 and TEM01 mode.
- Low air consumption (about 15% less than others), Low electricity (about 10% less than others),
- LCD Colour display 17" touch screen for easy operation
- Intelligent protection for over current and over pressure

Main application: cutting die-board, carbon steel, acrylic etc..

Technical Specifications

Specification	DL1218	DL1225
X,Y Working Area	1250 x 1800 mm	1250 x 2500 mm
Laser Power	700W, 1200W, 1500W	
Max. speed	10 m/min	
Positioning Accuracy	±0.05mm	
Repeatability	±0.02mm	
Drive	Ball Screw with Linear Rail Bearings	
Drive Motors	servo Motors	
Working Voltage	AC380V/50Hz	
Interface	USB	
Working Environment	Temperature: 0DegC~45DegC, Relative humidity: 30%~75%	