

PDM-1612

Economy Laser Engraving and Cutting Machine



Product Features:

1. The "front" and "back" of our laser machine can be open, suitable for super-length material process.
2. Exclusive no water warning and automatic protection system, to protect the working life of laser tube effectively. The power control system has exclusive automatic protection equipment to ensure the stability and safety of the machine to the best.
3. LCD control panel in English, convenience of operation control.
4. Import liner bearing with high engraving precision
5. DSP (Digital Signal Processing) Laser controller comes with a LCD control panel and support dump drive (no PC). The system supports CorelDraw and AutoCAD.
6. Imported metal mirrors, with good ability of reflection and focusing, long working life.
7. Optional auto up & down work table, it is suitable for different thickness material cutting and engraving.
8. Optional Digital display, the moving distance of the up& down working table can be displayed with digital display.
9. Optional column-like system with multi-function circle cutting, applicable in lots of column or cone work piece surface-engrave;
10. Red light positioning system realizes the exact position without laser.
11. The auto focus system can be selected for precise focusing, and it can be equipped with rotary system, suitable for cylindrical and cuneiform pieces.

Technical parameters:

Product model	PDM-4060	PDM-6090	PDM-90120	PDM-1612
Maxi working area	16" x 24"	24" x 35"	35" x 47"	63" x 47"
Optional working area	X axis	16"~47"		
	Y axis	16"~47"		

Optional working area: X axis 16"~63" ; Y axis 16"~47"

Laser power: 60W/80W/100W/150W/180W

Laser Types Hermetic: CO2 Laser Tube

Engraving speed: 0-200"/min

Cutting speed: 0-130"/min

Location precision: $\leq 0.0004"$

Repeat precision: $\leq 0.0004"$

Power supply: 120V /60Hz

Gross power: <1,000W

Operating temperature: 0 - 45°

Operating humidity: 5 - 95%

Minimum shaping character English 0.04" x 0.04"

360°slope engrave: Yes

Driving system: stepper

Cooling mode: Water-cooling and protection system

Auxiliary Devices: Exhauster and Exhaust Pipe

Software: Lasercut 5.3

Graphic format supported: BMP, CIF, JPEG, TGA, TIFF, PLT, AI, DXF, DST, TIANDA CDR, etc

Operating system Windows98/ME/2000/XP/VISTA/2007

Optional: Up-Down working table, Digital display, Rotary Clamp, Red light pointer, Auto focus, water chiller.

Application materials: acrylic, PVC, rubber sheet, plastic, crystal, glass, wood, bamboo, oxhorn, figuline, marble, leather, cloth, double-color board, etc. nonmetal materials.

Comprehensive application: advertisement, arts and crafts, toys, textile garment, leather, electron, building upholster, jewelry, and other industries.

Price: PDM-1612 (63" x 47") - 80W **\$9'400.00**; 100W **\$10'000.00**; 80W **\$10'500.00**; 100W **\$11'200.00**; 150W **\$12'400.00**; 180W **\$14'000.00**

