

LONGDIAO NC EQUIPMENT

THE WISE CHOICE

BEIJING LONGDIAO NC EQUIPMENT CO., LTD

数控专家

装备全球

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LONDIAO®
龙雕数控



LONGDIAO NC EQUIPMENT

北京龙雕伟业数控设备有限公司是国内一家致力于生产研发数控雕刻机设备的高新技术企业。公司自成立以来本着开拓创新的精神，凭借多年来在电脑数控、电脑自动化领域研发、生产积累的丰富经验，吸取业内先进的数控技术，创建了“龙雕”系列数控加工中心，可以自行研发生产出木工雕刻机、广告雕刻机、石材雕刻机、等离子切割机、浮雕雕刻机、金属雕刻机、激光雕刻机。产品涉及木工机械、石材机械、广告设备、激光设备、金属模具等，可根据客户要求定做机器。

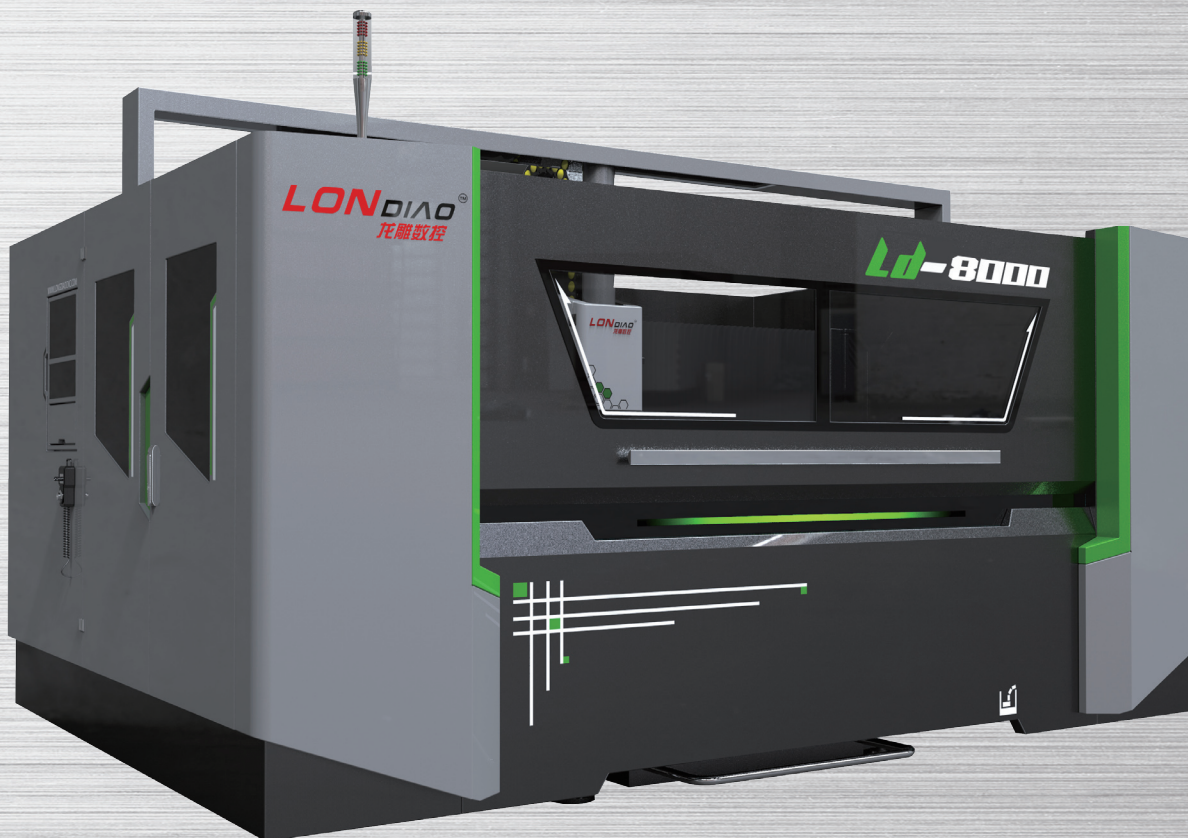
公司自成立以来以过硬的产品质量，优良的运作方式和完善的售后服务赢得了各层次用户的信任，先后在全国各省级市设立多家代理商和分销公司，产品品牌“龙雕”雕刻机在国内同类产品中具有相当知名度，已被广泛应用于木工家具、广告、工艺礼品、服装、包装印刷、标识、印章等多个行业。“龙雕”产品不仅遍布全国，而且远销东南亚、西亚、中东、非洲、欧美等地。

优秀的管理、高效的运作方式以及大批专业的技术人员，使公司一直持续稳步发展。我们不但具有丰富的研发、生产、销售经验，并十分注重产品工艺、设计、制造、安装、保养维护一条龙专业服务，消除您的后顾之忧。我们愿意和广大用户以及所有的合作伙伴共同发展，一起携手走向美好的明天。

Beijing Longdiao Nc Equipment Co., LTD . is a high-tech enterprise dedicated to the production of R & D of CNC engraving machine equipment. With the spirit of pioneering and innovative, we have gathered rich experience from many years in the computer numerical control, computer automation sector R & D, production and accumulation. Also, we have learned the industry's advanced digital technology. Since its inception, we have developed our own R & D series CNC machining center to produce the dragon carving, woodworking engraving machine, advertising engraving machine, stone engraving machine, plasma cutting machine, relief engraving machine, metal engraving machine, laser engraving machine, and etc. Our production includes woodworking machinery, stone machinery, equipment, laser equipment and metal mold, which can be tailor-made according to different customers' requirements.

With the perfect product quality, the excellent operation mode, and after-sales service, our company have won the trust of users of all levels. These years we have set up a number of agents and distributors in provincial cities all over the country. Our brand "Longdiao" carving has a considerable reputation in the domestic similar products, which has been widely used in wooden furniture, advertising, craft gifts, clothing, packaging and printing, logo, seal, and etc. Longdiao carving products have covered not only all over the country, but also exported to Southeast Asia, West Asia, the Middle East, Africa, Europe, the United States, and etc.

Excellent management, efficient operation, and a large number of professional and technical personnel enable the company to develop steadily. We have not only much experience on research, development, production, and sales, but also great attention to product technology, design, manufacture, installation. We will still try our best to maintain one-stop professional services, in order to eliminate all your worries. We wish the common development with the majority of users and all partners to reach better future hand in hand.



LD-8000

工业化制造加工中心

Industrial manufacturing and processing center

- ▶ 主要功能：切割、雕刻、打孔、开槽、铣削、修边、铝锭下料。
- ▶ 加工板材：铝板、铝塑板、铝合金、铝单板、铝蜂窝及其它非金属板材。
- ▶ 应用行业：航空航天、火车汽车、船舶游艇、轨道交通、电器、电柜箱体、车辆、幕墙、建筑装饰、五金制品、铝零件、包装机械、防腐设备等。
- ▶ 可加工材料范围：亚克力高光加工，铝板，铜板，绝缘板，电木板，蜂窝板，ABS板，PVC板，实木，有机板。

- ▶ Main functions: cutting, engraving, drilling, milling, slotting, trimming, aluminum material
- ▶ Processing material: Aluminum Alloy, aluminum plate, aluminum plate, aluminum veneer, aluminum honeycomb and other non-metallic plate
- ▶ Application industries: aerospace, train, ship, yacht, rail transit, electrical appliances, electric cabinet box, vehicle, curtain wall, architectural decoration, hardware, aluminum parts, packaging machinery, anti-corrosion equipment, etc.
- ▶ Range of machining materials: Acrylic high light processing, aluminum plate, copper plate, insulation board, power board, honeycomb board, ABS board, PVC board, wood, organic board.

LD-7000

工业化制造雕铣机 Industrial CNC Engraving And Milling Machine

▶ **可加工材料范围:**

亚克力高光加工, 铝板, 铜板, 绝缘板, 电木板, 蜂窝板, ABS板, PVC板, 实木, 有机板

▶ **机床结构:** 定式龙门结构, 平台移动, 整机铸铁。

▶ **材料固定:** 吸压一体平台, 配有7.5KW通优真空泵。

▶ **平台结构:** 航空铝台面, 长久使用不变形。

▶ **Applicable materials**

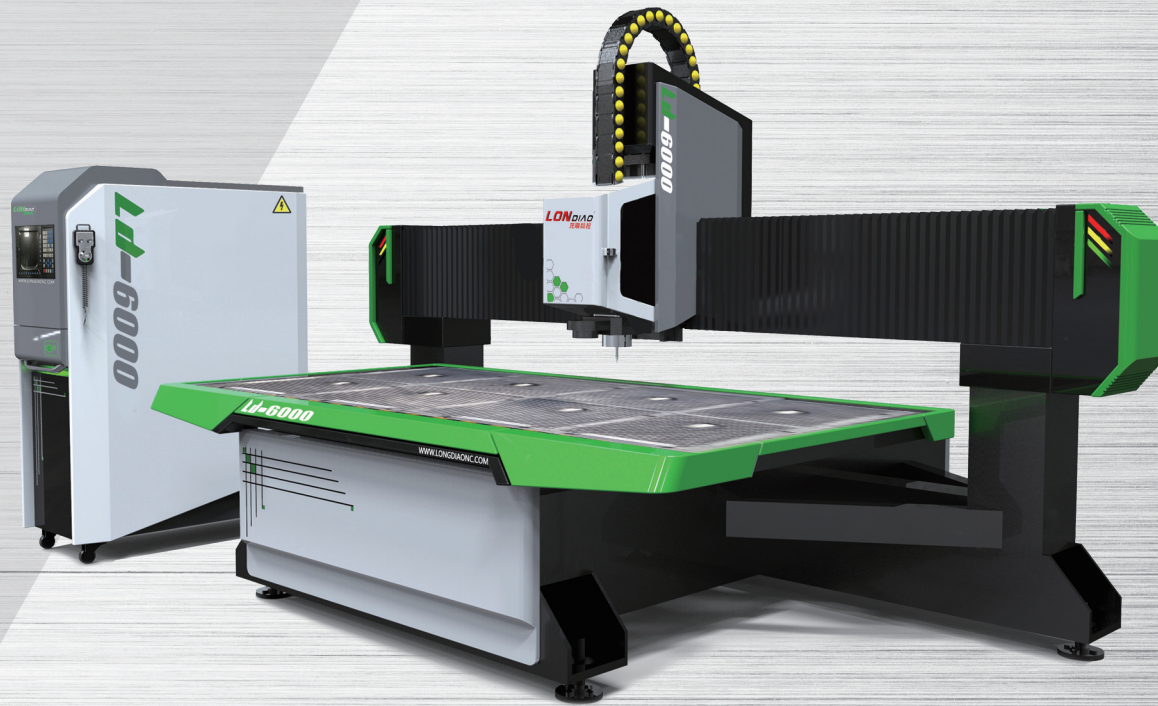
Acrylic, Aluminum Plate, Copper Plate, Insulating Plate, Bakelite Plate, Honeycomb plate, ABS, PVC, Hardwood, Organic board

▶ Machine body is integrated, good rigidity gantry ensure the high precision, longevity and good stability

▶ **Vacuum table:** suction pressure integration platform, 7.5KW vacuum pump equipon.

▶ **Platform structure:** aviation aluminum table, long-term use of non deformation.





LD-6000

亚克力高光加工中心

Acrylic high light machining center

主要应用:

- ▶ 迷你发光字、亚克力切割，雕刻，倒角，达到镜面效果。加工亚克力面板（电视机、DVD 等各种亚克力面板）。非普通雕刻机可以比拟。加工完成后不再需要打磨抛光。
- ▶ 变压器厂，绝缘材料厂生产大型变压器绝缘件，层压木板、层压纸板强力层压件的加工。
- ▶ 火车内饰，飞机内饰，轨道车辆装备，汽车内饰，铝幕墙。
- ▶ 木工家具，橱柜门，亚克力制品，展览展示，GRG，塑料板，康贝特板切割。
- ▶ GRG,GRC,室内外石膏工程。

世界先进顶级配置如下 World's top forward configuration:



新代系统
SYNTEC System



7.5KW风冷静音主轴 (德国GMN轴承)
7.5KW air cooling spindle (Germany GMN bearing)



丝杠传动
Screw drive



意大利INOVA伺服电机
Italy INOVA Servo motor

Mainly used:

- ▶ Mini luminous characters, acrylic cutting, carving, chamfering, reached mirror effect. Processing acrylic panels (TV, DVD and other various acrylic panel). Non ordinary engraving machine can match. After the completion of the processing no longer need to polish.
- ▶ Transformer factory, insulation material factory production of large transformer insulation parts, laminated wood, laminate laminate strength of the processing.
- ▶ Train interiors, aircraft interiors, rail vehicle equipment, automotive interiors, aluminum curtain wall.
- ▶ Wood furniture, cabinet doors, acrylic products, exhibition, GRG, plastic plate, Cambert plate cutting
- ▶ GRG,GRC,Indoor and outdoor gypsum Engineering

LD-5800CCD

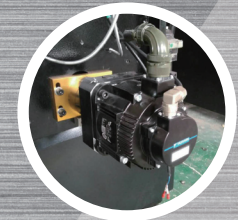
Automatic tracing-edge profiled cutting machine



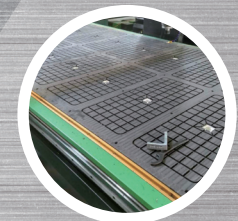
自动寻边CCD镜头
Automatic tracing-edge
CCD camera



大功率主轴切削3KW主轴
3KW big power spindle



伺服电机和驱动
Servo motor and driver



吸附一体平台
Suction Platform

LD-5800 CCD可加工迷你字, 亚克力高光字, 铝板, 铜板, 木质, 切厚板材, LD-5800 CCD自动寻边异形切割机具有原高光机的功能, 在原有LD-5000基础上增加了摄像头精确定位功能, 可寻边异形切割, 可加工柔性材质。

用于广告行业材料的异形个性化的裁切, 方便快捷, 易于修改, 提升效率, 加快速度, 让广告行业的材料裁切加快速度, 并且保证样品质量。

Features:

This machine can process mini luminous, acrylic highlight words, aluminium plate, copper plate, wood, thick plate and etc. On the basis of the original functions, LD-5000 automatic tracing-edge profiled cutting machine increases the camera precise positioning function. It achieves tracing-edge profiled cutting and processing flexible materials.

This machine is used for personalized profiled cutting materials in advertising industry. It is convenient, easy to modify, improve efficiency, speed up so that improve cutting speed and ensure sample quality in advertising industry.

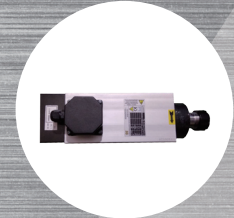
LD-5880CCD

可加工材料：硬性材料：亚克力、木头、铝板、ABS板、绝缘板、电木板。
 柔性材料：PVC、KT板、厚泡沫、铝塑板、中空板、脚垫、皮革。

Applicable materials:
 Hard materials: acrylic, wood, aluminum plate, ABS plate, insulating plate, bakelite plate.....
 Flexible materials: PVC, KT board, thick foam, aluminium-plastic composite panel, polypropylene hollow sheet, foot pad, leather.....



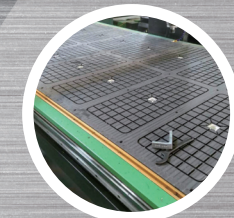
振动刀
 Vibrating Blade



6KW风冷主轴
 可选7.5KW风冷换刀主轴
 6KW air cooling spindle
 (optional:7.5KW ATC air cooling spindle)



自动寻边CCD镜头
 Automatic tracing-edge
 CCD camera



吸附一体平台
 Suction Platform

LD-5000

迷你字雕刻机

The new engraving machine

- 工作面积 | 1300X2500X200mm
Working area
- 驱动方式 | 伺服电机驱动
Drive | servo motor drive
- 控制系统 | DSP控制系统
Control System | DSP control system
- 台面结构 | 吸压一体平台
Table structure | Suction and pressure integrated platform
- X Y Z 轴传动 | X Y 轴进口研磨齿条传动, Z轴丝杆传动
X Y Z axis drive | Y X axis imported grinding rack drive, Z axis screw drive
- 主轴功率 | 6KW风冷静音主轴
Spindle power | 6KW quiet air cooling spindle
- 主轴转速 | 0-24000转/分
Spindle speed | 0-24000rpm
- 真空泵功率 | 7.5KW
Pump power
- 机架 | 淬火热处理, 数控机床精加工
Machine Body | Quenching heat treatment, precision machining of CNC machine tools
- 重新定位精度 | 0.05mm
Repositioning accuracy



LD-5000S

迷你字雕刻机

The new engraving machine



工作面积 Working area		1300X2500X200mm
驱动方式 Drive		伺服电机驱动 servo motor drive
控制系统 Control System		DSP控制系统 (可选工控系统) DSP control system (Optional: integrated system)
台面结构 Table structure		吸压一体平台 Suction and pressure integrated platform
XYZ轴传动 X Y Z axis drive		XY轴进口研磨齿条传动, Z轴丝杆传动 Y X axis imported grinding rack drive, Z axis screw drive
主轴功率 Spindle power		7.5KW风冷静音主轴 (德国GMN轴承) 7.5KW quiet air cooling spindle
主轴转速 Spindle speed		0-24000转/分
真空泵功率 Pump power		7.5KW
机架 Machine Body		淬火热处理, 数控机床精加工 Quenching heat treatment, precision machining of CNC machine tools
重新定位精度 Repositioning accuracy		0.05mm
刀具数量 Knife Quantity		4把直排换刀 (6-8把可选) 4pcs Magazines in Linear (6pcs/8pcs optional)

LD-5600

高速雕刻机

The high speed engraving machine

3KW主轴
3KW Spindle

混合伺服电机
Hybrid Servo motor

台湾导轨
Taiwan guide

铝型材台面
Aluminum table



LD-1838

五轴加工中心

5 axis CNC machining center



产品简介

- ▶ 采用欧赛控制系统，台湾Hiwin方轨，安川伺服电机和驱动器，意大利轴。
- ▶ Z轴可加高到1.2米，非常适用于加工超厚的3D材料。
- ▶ 模具行业：各种大型非金属模具，特别适合汽车泡沫模具，木质船模，航空木模，铁路木模，列车木模的制作。
- ▶ 仪器仪表行业：大型仪器的三维表面雕刻和形状切割。
- ▶ 可加工材料：木材，泡沫，树脂，石膏，油泥等。

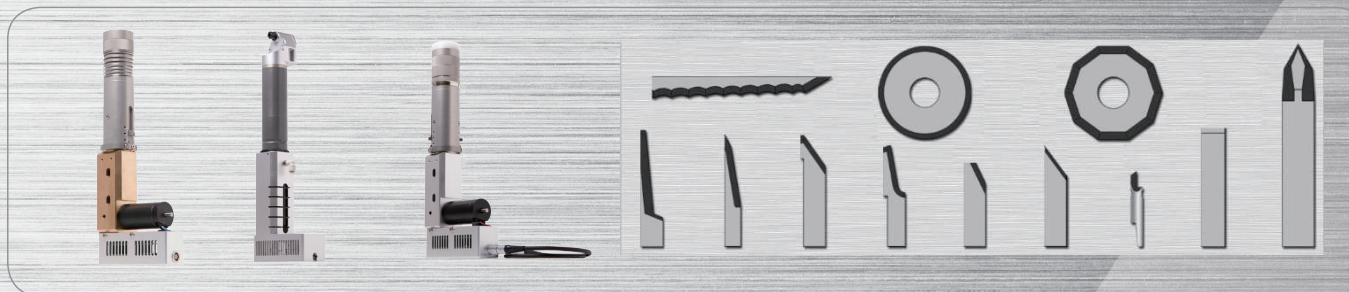
Features

- ▶ With OSAI numerical control system, the machine is of high speed and high machining accuracy.
- ▶ The Hiwin linear rails and the Germany original rotating arm ensure the accuracy and strength of the machine.
- ▶ Z-axis travel can be heightened to 1.2 meters, so it is very suitable for processing large-scale three-dimensional surface, special for cars model.
- ▶ Mold industry: Various large metalloid moulds, especially suitable for automotive foam mold, wooden ship model, aviation wooden mold, rail wooden mold and train wooden mold.
- ▶ Instrument industry: 3D surface engraving and shape cutting of large-scale instruments.

C1震动刀

Ordinary Oscillating Knife

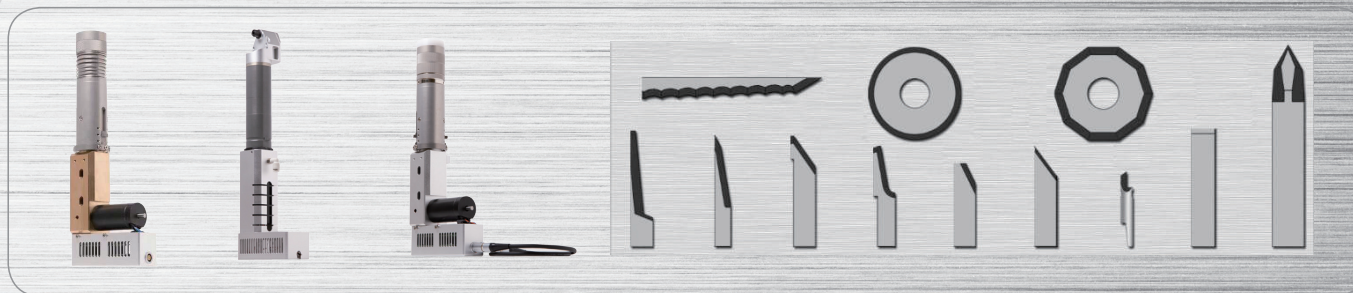
机器尺寸 Machine Size	3650mmX2220mmX1260mm
加工幅面 Working Area	1600mmX2500mm
操作系统 Control System	乐宇 LEYU
电机 Servo Motor	台达伺服 Delta Servo Motor
电压 Voltage	380V
整机功率 Total Power	11KW
空程速度 Travelling speed	1200mm/s
最大速度 Max Speed	800mm/s
切割精度 Cutting Accuracy	±0.1mm
传动方式 Transmission Mode	齿条传动 Helical gear rank transmission



震动刀 Vibrating Blade

C2自动送料震动刀

Auto Feeding Oscillating Knife



震动刀 Vibrating Blade

机器尺寸 Machine Size	3650mmX2220mmX1260mm
加工幅面 Working Area	1600mmX2500mm
操作系统 Control System	乐宇 LEYU
电机 Servo Motor	台达伺服 Delta Servo Motor
电压 Voltage	380V
整机功率 Total Power	11KW
空程速度 Travelling speed	1200mm/s
最大速度 Max Speed	800mm/s
切割精度 Cutting Accuracy	± 0.1mm
送料速度 Feeding Speed	300mm/s
传动方式 Transmission Mode	齿条传动 Helical gear rank transmission

LD-6090

广告雕刻机

LD-6090 Advertising
Engraving Machine

工作行程(实际加工尺寸) X, Y, Z Working area	X轴600mm × Y轴900mm × Z轴160mm 600X900X160mm
传动方式 X, Y, Z Transmission	XYZ轴原装台湾TBI滚珠丝杆 Original Taiwan TBI ball screw
工作台面 Working Table	T型槽铝型材台面 Aluminum T-slot table
驱动电机 Drive motor	450A 步进电机和M860驱动器 450A stepper motor and M860 driver
雕刻指令 Engraving Code	HPGL、G code HPGL, G code
重复定位精度 Respositioning accuracy	± 0.5mm
主轴电机 Spindle power	2.2KW国产水冷主轴 2.2KW Chinese water cooling spindle
控制系统 Control system	维宏DSP NK105手柄 NK105 DSP control system
移动方式 Moving method	横梁移动方式 Gantry moving



CNC EXPERT, EQUIP WORLD

数控专家 装备全球！



打造全球最具影响力的品牌

To create the world's most influential brand

北京龙雕伟业数控设备有限公司

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诚招各地代理商

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