

LASER MARKING MACHINE CATALOG



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二氧化碳激光喷码机

CO₂ laser printer



性能特点 Performance characteristics

- 采用优质CO2激光器，能量输出稳定，喷码效果清晰美观
- 软件功能强大，支持多国语言，操作简单，工作性能稳定
- 流水线结构设计，体积小，安装灵活，自动化工作，节省人工成本
- 整机全风冷，无耗材，无污染，免维护，使用寿命长，机器安全、稳定、高效
- High quality CO2 laser, stable energy output, clear and beautiful effect of marking
- The software has powerful functions, supports multiple languages, simple operation and stable performance
- Automatic structure design, compact size, flexible installation, automatic work, save labor costs
- The whole machine is air-cool, no consumables, no pollution, no maintenance, long service life, safe, stable and efficient

应用领域 Application Area

广泛应用于：包装、酒类、乳制品、服装辅料、皮革、电子元器件、化工建材产品等领域的生产及有效日期、批号、班次、厂家名称和标识等图形和文字的标记。

Suitable for all kinds of non-metallic materials, such as paper, PVC, rubber, wood, glass, pottery and porcelain, plastic, PET, HDPE, leather, PCB, etc., are widely used in pharmaceutical, personal care products, tobacco, food and beverage packaging, wine, dairy products, garment accessories, leather, electronic components, chemical building materials products in areas such as production and effective date, batch number, shift, factory name and logo and other graphic and text markup.



技术参数 Technical Parameter

设备型号/Model	PC10,LL-PC20,LL-PC30,LL-PC50,LL-PC100	冷却方式/Cooling way	风冷 air cooling
激光功率/Laser power	10W/20W/30W/50W/100W	整机重量/Machine weight	75KG
激光波长/Wave length	10.6 μm/9.3 μm	整机功率/Power consumption	800W
最小字符/Min.character size	≤0.4mm	打标范围/Marking scope	70mmX70mm (可选Optional)
最小线宽/Min.linear width	≤0.1mm	整机尺寸/Machine dimension	800mmX520mmX1410mm
标记线速/Marking speed	≤7000mm/s	电力需求/Power requirements	220V ± 10/50HZ/60HZ

光纤激光喷码机

Fiber laser printer



性能特点 Performance characteristics

- 采用优质光纤激光器，能量输出稳定，喷码效果清晰美观
- 软件功能强大，支持多国语言，操作简单，工作性能稳定
- 流水线结构设计，体积小，安装灵活，自动化工作，节省人工成本
- 整机全风冷，无耗材，无污染，免维护，使用寿命长，机器安全、稳定、高效
- High quality fiber laser, stable energy output, clear and beautiful effect of marking
- The software has powerful functions, supports multiple languages, simple operation and stable performance
- Automatic structure design, compact size, flexible installation, automatic work, save labor costs
- The whole machine is air-cool, no consumables, no pollution, no maintenance, long service life, safe, stable and efficient

应用领域 Application Area

广泛应用于：光纤激光在线打码机广泛应用于包装行业的打标，如：管材在线打码、医药行业防伪激光打码（药监码）、酒类防伪防串货追溯系统（瓶盖系统）、食品饮料防伪打码、日常卫生用品三码标记、智能卡信息标记、烟草防伪标记等。

Applicable to all kinds of metal materials and some plastic products, widely used in drug packaging, food packaging, cable, rubber, HDPE pipe, 3c products, chemical building materials and other fields of production and effective date, batch number, transformation, manufacturer name and trademark and other graphics and text marks



技术参数 Technical Parameter

设备型号/Model	LL-PF20,LL-PF30,LL-PF50,LL-PF100	冷却方式/Cooling way	风冷 air cooling
激光功率/Laser power	20W/30W/50W/100W	整机重量/Machine weight	70KG
激光波长/Wave length	1064nm	整机功率/Power consumption	800W
最小字符/Min.character size	≤0.4mm	打标范围/Marking scope	110mmX110mm (可选)
最小线宽/Min.linear width	≤0.1mm	整机尺寸/Machine dimension	800mmX520mmX1450mm
标记线速/Marking speed	≤7000mm/s	电力需求/Power requirements	220V ± 10/50HZ/60HZ

紫外激光喷码机 UV laser printer



性能特点 Performance characteristics

- 采用优质紫外激光器，聚焦光斑小、热影响效果小，应用范围更广，喷码效果清晰美观
- 软件功能强大，支持多国语言，操作简单，工作性能稳定
- 流水线结构设计，体积小，安装灵活，自动化工作，节省人工成本
- 整机水冷，无耗材，无污染，免维护，使用寿命长，机器安全、稳定、高效
- Using high quality ultraviolet laser, the focus spot is small, the heat effect is small, the application scope is wider, the mark effect is clear and beautiful
- The software has powerful functions, supports multiple languages, simple operation and stable performance
- Automatic structure design, compact size, flexible installation, automatic work, save labor costs
- The whole machine is air-cool, no consumables, no pollution, no maintenance, long service life, safe, stable and efficient

应用领域 Application Area

紫外激光喷码机以其独特的小功率激光束为主，特别适用于超精细加工的高端市场，化妆品、药品、食品及其他的高分子材料的包装瓶表面打标，效果精细，标记清晰牢固，优于油墨喷码且无污染；柔性pcb板打标，划片；晶圆片微孔、盲孔加工；LCD液晶玻璃二维码打标、玻璃器具表面打孔、金属表面镀层打标、塑胶按键、电子元件、礼品、通讯器材、建筑材料等等。

Uv laser code jet machine is mainly based on its unique low-power laser beam, especially suitable for ultra-fine processing of the high-end market, cosmetics, drugs, food and other polymer material packaging bottle surface marking, fine effect, clear and firm marking, better than ink jet machine and no pollution; Marking and slicing of flexible PCB board; Silicon wafer microporous, blind hole processing; LCD glass two-dimensional code marking, glassware surface drilling, metal surface coating marking, plastic keys, electronic components, gifts, communication equipment, building materials and so on.



技术参数 Technical Parameter

设备型号/Model	LL-PUV3,LL-PUV5,LL-PUV10 LL-PUV15,LL-PUV20	冷却方式/Cooling way	水冷 water cooling
激光功率/laser power	3W/5W/10W/15W/20W	整机重量/Machine weight	110KG
激光波长/Wave length	355nm	整机功率/Power consumption	800W
最小字符/Min.character size	≤0.2mm	打标范围/Marking scope	110mmX110mm(可选Optional)
最小线宽/Min.linear width	≤0.1mm	整机尺寸/Machine dimension	850mmX550mmX1500mm
标记线速/Marking speed	≤7000mm/s	电力需求/Power requirements	220V ± 10/50HZ/60HZ

小字符油墨喷码机 Small character ink jet printer



技术参数 Technical Parameter

设备型号/Model	LL-P600
打印高度/Print height	2-17mm
打印行数/Print the number of rows	1-6行 (5X5字体)
打印速度/printing speed	2.6m/s
电压Power requirements	220V/50HZ
语言Language	多种语言 Multilingual
重量Machine weight	45KG

手持油墨喷码机 Handheld ink jet printer



技术参数 Technical Parameter

设备型号/Model	LL-T2
打印高度/Print height	2-48mm
打印行数/Print the number of rows	1-6行
打印速度/printing speed	1m/s
电压Power requirements	220V/50HZ
语言Language	多种语言 Multilingual
重量Machine weight	0.9KG

应用领域 Application Area

广泛应用于食品工业、化妆品工业、医药工业、汽车等零件加工行业、电线电缆行业、铝塑管行业、烟酒行业以及其他领域，该机可用于喷印生产日期、批号、条形码以及商标图案、防伪标记和中文字样

Widely used in food industry, cosmetics industry, pharmaceutical industry, automobile and other parts processing industry, wire and cable industry, aluminum pipe industry, tobacco and wine industry and other fields, the machine can be used for printing production date, batch number, bar code and trademark patterns, security marks and words



流水线油墨喷码机 Online ink jet printer



便携式激光打标机 Portable Laser marking machine



性能特点 Performance characteristics

- 激光功率输出稳定，操作方便，超长10万小时激光器使用寿命。
 - 打标速度快、效率高，可在极微小的表面标记出用户要求的各种精细复杂图案。
 - 电光转换率高，无污染，无耗材，短时间内加快用户投资回报。
 - 一体化整体结构，体积小紧凑，方便搬运，节省生产空间。
- Stable laser power output, easy to operate, ultra-long laser service life of 100,000 hours.
 - The marking speed is fast, high efficiency, can mark on the very small surface of the user requirements of all kinds of fine and complex patterns.
 - High electro-optical conversion rate, no pollution, no consumables, speed up the investment return of users in a short time.
 - The integration of the overall structure, compact size, easy to carry, save production space.

应用领域 Application Area

广泛应用于电子元器件、五金工具制品、电工产品、日用消费品、3C电子、工艺礼品、精密器械、穿戴饰品、医疗器械、高低压电器、卫浴行业、电池行业、IT产业等领域。

Widely used in electronic components, hardware tools products, electrical products, consumer goods, 3C electronics, process gifts, precision equipment, wearable jewelry, medical equipment, high and low voltage electrical appliances, bathroom industry, battery industry, IT industry and other fields.



技术参数 Technical Parameter

设备型号/Model	LL-PMF20,LL-PMF30,LL-PMF50,LL-PMF100	冷却方式/Cooling way	风冷 air cooling
激光功率/laser power	20W/30W/50W/100W	整机重量/Machine weight	35KG
激光波长/Wave length	1064nm	整机功率/Power consumption	800W
最小字符/Min.character size	≤0.4mm	打标范围/Marking scope	110mmX110mm (可选/Optional)
最小线宽/Min.linear width	≤0.1mm	整机尺寸/Machine dimension	745mmX210mmX545mm
标记线速/Marking speed	≤7000mm/s	电力需求/Power requirements	220V ± 10/50HZ/60HZ

手持激光打标机 Handheld Laser marking machine



性能特点 Performance characteristics

- 针对大件产品及异形不能移动产品，手持光路轻巧操作简单
- 小巧，方便搬运，能适应加工地点经常变换的需求；
- 激光功率输出稳定，激光器使用寿命长，操作方便，10万小时免维护
- 电光转换率高，无污染，无耗材，短时间内加快用户投资回报；
- For large products and special-shaped products that cannot be moved, the handheld light path is light and easy to operate
- Compact, easy to carry, can adapt to the needs of frequent changes in processing sites;
- Laser power output is stable, laser service life is long, easy to operate, 100,000 hours maintenance free
- Conversion rate, no pollution, no consumables, and faster user investment return in a short time;

应用领域 Application Area

广泛应用于电子元器件、五金工具制品、电工产品、日用消费品、3C电子、工艺礼品、精密器械、穿戴饰品、医疗器械、高低压电器、卫浴行业、电池行业、IT产业等领域。

Widely used in electronic components, hardware tools products, electrical products, consumer goods, 3C electronics, process gifts, precision equipment, wearable jewelry, medical equipment, high and low voltage electrical appliances, bathroom industry, battery industry, IT industry and other fields.



技术参数 Technical Parameter

设备型号/Model	LL-HMF20,LL-HMF30,LL-HMF50,LL-HMF100	冷却方式/Cooling way	风冷 air cooling
激光功率/laser power	20W/30W/50W/100W	整机重量/Machine weight	40KG
激光波长/Wave length	1064nm	整机功率/Power consumption	800W
最小字符/Min.character size	≤0.4mm	打标范围/Marking scope	110mmX110mm (可选/Optional)
最小线宽/Min.linear width	≤0.1mm	整机尺寸/Machine dimension	750mmX210mmX750mm
标记线速/Marking speed	≤7000mm/s	电力需求/Power requirements	220V ± 10/50HZ/60HZ

激光打标机 Laser marking machine



性能特点 Performance characteristics

- 激光功率输出稳定, 光斑质量好。
 - 标刻速度快, 是传统机型的2-3倍
 - 无任何操作系统限制, 操作方便, 光路全封闭, 稳定可靠, 免维护, 超长寿命, 达10万小时以上
 - 无污染、无噪音、无耗材、耗电量为传统机型的5%-10%
- Laser power output is stable, and light spot quality is good.
 - Quick marking and cutting speed at 2-3 times that of conventional machines.
 - There is no restriction in operation systems. It is convenient in operation, with fully closed light paths, so it is stable, reliable and free in maintenance with ultra-long service life up to more than 100,000 hours.
 - No pollution, no noise, and no consumable materials, with power consumption at 5%-10% of consumption by traditional machines.

应用领域 Application Area

广泛用于移动电源, 手机外壳, 氧化铝打黑, 平板电脑, 戒指, 手镯, 手表, 杯子, 眼镜, 钟表, 钥匙, 仪器仪表, 卫浴洁具, 家电, 电子元器件, 集成电路(IC), 手机按键, 箱包饰扣, 餐具, 水龙头, 不锈钢制品, 汽车配件, 手机充电器, 电线电缆, 医疗器械, 电子烟等行业。

This kind of machine widely used in Mobile power mobile phone shells, rings, bracelets, mugs, glasses, watches, key, instrumentation, sanitary ware, home appliances, electronic components, integrated circuits (IC), the cell phone button, luggage buckles, cutlery, water faucet, stainless steel products, car accessories, cell phone chargers, cables and wires, and medical device E-cigarette industries.



技术参数 Technical Parameter

设备型号/Model	LL-MF20, LL-MF30, LL-MF50, LL-MF100	冷却方式/Cooling way	风冷 air cooling
激光功率/Laser power	20W/30W/50W/100W	整机重量/Machine weight	70KG
激光波长/Wave length	1064nm	整机功率/Power consumption	800W
最小字符/Min. character size	≤0.4mm	打标范围/Marking scope	110mmX110mm(可选/Optional)
最小线宽/Min. linear width	≤0.1mm	整机尺寸/Machine dimension	650mmX880mmX1450mm
标记线速/Marking speed	≤7000mm/s	电力需求/Power requirements	220V ± 10/50HZ/60HZ

3D激光打标机 3D laser marking machine



性能特点 Performance characteristics

- 3D激光打标机可解决三维曲面、球面、阶梯面及其它异形性面产品进行激光打标
 - 采用三维软件系统算法及三维振镜, 实现自动对焦, 精度能够控制在±0.02mm
 - 能够实现多层次的大幅面打标, 三维产品上打标, 也可在平面上打标, 使用范围更广
 - 采用进口配置, 整机性能稳定, 无耗材、无污染、能耗低, 使用寿命更长
- 3D laser marking machine can solve 3D curved surface, spherical surface, step surface and other special-shaped surface products for laser marking
 - using 3d software system algorithm and three-dimensional galvanometer, realize the autofocus, precision control in the plus or minus 0.02mm
 - It can realize multi-level large-format marking, 3d product marking, or flat marking, with a wider range of use
 - Imported configuration, stable performance, no consumables, no pollution, low energy consumption, long service life

应用领域 Application Area

适用于三维曲面的各类金属及非金属产品的激光打标。广泛应用于精密机械、量具刀具、电工电器、立体电路、五金工具、电子元器件、3C电子、手机通讯部件、汽摩配件、模具、塑胶制品、医疗器械、建材等领域。

It is suitable for laser marking of all kinds of metal and non-metal products with 3d curved surface. Widely used in precision machinery, measuring tools, electrical appliances, three-dimensional circuits, hardware tools, electronic components, 3C electronics, mobile phone communication parts, auto parts, mold, plastic products, medical devices, building materials and other fields.



技术参数 Technical Parameter

设备型号/Model	LL-3D20, LL-3D30, LL-3D50, LL-3D100	冷却方式/Cooling way	风冷 air cooling
激光功率/Laser power	20W/30W/50W/100W	整机重量/Machine weight	80KG
激光波长/Wave length	1064nm	整机功率/Power consumption	800W
最小字符/Min. character size	≤0.4mm	打标范围/Marking scope	110mmX110mm(可选/Optional)
最小线宽/Min. linear width	≤0.1mm	整机尺寸/Machine dimension	650mmX935mmX1450mm
标记线速/Marking speed	≤7000mm/s	电力需求/Power requirements	220V ± 10/50HZ/60HZ

Mopa激光打标机

Mopa laser marking machine



性能特点 Performance characteristics

- 控制灵活，脉宽和频率独立可调
- 脉冲形状可控，参数可调范围更大，系统升级性强
- 短脉冲持续时间可以快速进行不锈钢打彩，氧化铝打黑
- 无污染、无噪音、无耗材、耗电量低的特点，
- Flexible control, independently adjustable pulse width and frequency
- Controllable pulse shape, wider adjustable parameter range and strong system upgrade
- Short pulse duration can quickly color stainless steel, alumina black
- Features of no pollution, no noise, no consumables and low power consumption

应用领域 Application Area

主要用于氧化铝打黑，不锈钢打彩，按键透光等，适用于所有金属材料。广泛应用于医疗器械、移动电源、手机外壳，平板电脑，戒指，手镯，手表，杯子，眼镜，钟表，钥匙，仪器仪表，卫浴洁具，家电，电子元器件等

Mainly used for alumina black, color marking on stainless steel, button light transmission, suitable for all metal materials. Widely used in medical equipment, mobile power supply, mobile phone shell, tablet computer, rings, bracelets, watches, cups, glasses, clocks and watches, keys, instruments and meters, sanitary ware, household appliances, electronic components and so on.



技术参数 Technical Parameter

设备型号/Model	LL-MPF20,LL-MPF30,LL-MPF50,LL-MPF100	冷却方式/Cooling way	风冷 air cooling
激光功率/laser power	20W/30W/50W/100W	整机重量/Machine weight	80KG
激光波长/Wave length	1064nm	整机功率/Power consumption	800W
最小字符/Min.character size	≤0.4mm	打标范围/Marking scope	175mmX175mm (可选/Optional)
最小线宽/Min.linear width	≤0.1mm	整机尺寸/Machine dimension	750mmX940mmX1450mm
标记线速/Marking speed	≤7000mm/s	电力需求/Power requirements	220V ± 10/50HZ/60HZ

紫外激光打标机

UV laser marking machine



性能特点 Performance characteristics

- 光束质量好，聚焦光斑更小，能实现超精细化标记
- 整机性能稳定、体积小、无耗材，标记速度快，效率高
- 热影响区域极小，不会产生热效应和材料烧焦问题，
- 适用产品范围更广，金属或非金属材料皆可应用，实现一机多用
- Good beam quality, smaller focusing spot and super-fine marking can be achieved
- Stable performance, small size, no consumables, fast marking speed and high efficiency
- The thermal impact area is very small, and there will be no thermal effect and material burning problem.
- Applicable to a wider range of products, metal or non-metal product materials can be applied to achieve a multi-purpose machine

应用领域 Application Area

紫外激光打标机，主要用于玻璃，充电器外壳，耳机，TFT，液晶屏，等离子屏，纺织品，薄片陶瓷，单晶硅片，IC晶振，蓝宝石，聚合物薄膜，药品，化妆品，电线，苹果手机数据线等高分子材料的包装瓶（盒）表面打标，打微孔。

Ultraviolet laser marking machine, mainly used for glass, charger shell, headphones, TFT, LCD, plasma screen, textiles, chip ceramic, monocrystalline silicon chip, IC chip, sapphire, polymer film, medicine, cosmetics, electrical wiring, apple mobile phone cable polymer materials such as packaging bottles (box) surface marking, microporous.



技术参数 Technical Parameter

设备型号/Model	LL-MUV3,LL-MUV5,LL-MUV10,LL-MUV15,LL-MUV20	冷却方式/Cooling way	水冷 water cooling
激光功率/laser power	3W/5W/10W/15W/20W	整机重量/Machine weight	120KG
激光波长/Wave length	355nm	整机功率/Power consumption	800W
最小字符/Min.character size	≤0.2mm	打标范围/Marking scope	110mmX110mm (可选/Optional)
最小线宽/Min.linear width	≤0.1mm	整机尺寸/Machine dimension	750mmX880mmX1500mm
标记线速/Marking speed	≤7000mm/s	电力需求/Power requirements	220V ± 10/50HZ/60HZ

手持式激光焊接机

Hand-held laser welding machine



性能特点 Performance characteristics

- 手持式焊头配备五米进口光纤，灵活方便，可以实现户外焊接。
 - 手持式焊枪的操作模式，可以对工件实现任意部位任意角度的焊接。
 - 双光路智能切换，分时分光能量分布均匀。
 - 适用各种复杂焊缝，各种器件的点焊
 - CCD摄像监视系统，方便观察和精确定位。
- The hand-held welding head is equipped with five-meter imported optical fiber cable, which is flexible and convenient for outdoor welding.
 - Hand-held welding gun operation mode, can achieve any part of any Angle of the workpiece welding.
 - Intelligent switching of dual-light path, even distribution of time-sharing and light-sharing energy.
 - Suitable for spot welding of various complex welds and devices
 - CCD camera monitoring system facilitates observation and accurate positioning.

应用领域 Application Area

广泛应用于厨卫行业、家电行业、广告行业、模具行业、不锈钢门窗行业、工艺品行业、居家用品行业、家具行业、汽配行业等

Widely used in kitchen industry, household appliance industry, advertising industry, mold industry, stainless steel doors and Windows industry, arts and crafts industry, home supplies industry, furniture industry, auto parts industry



技术参数 Technical Parameter

设备型号/Model	LL-SW1000W/1500W/2000W	焊接深度/Welding depth	0.05mm-3mm
激光功率/laser power	1000W/1500W/2000W	光斑直径/Spot diameter	0.3-2.0mm
激光波长/Wave length	1064nm	最大脉冲能量/Max pulse energy	60J/70J/100J
冷却方式/Cooling way	水冷 water cooling	整机功率/Power consumption	6.5KW/14KW/18KW
水温/water temperature	13-28°C	整机尺寸/Machine dimension	1300mm x 1130mm x 660mm
瞄准指示方式/Localization way	显微镜/ (选配CCD) Red Diode Indicator (option CCD)	电力需求/Power requirements	AC380V/ ± 10%, 50Hz/800W

激光清洗机

Fiber laser cleaning machine



性能特点 Performance characteristics

- 激光清洗机是新一代高科技产品，实现对产品的非接触清洗，不损伤零件基体。
 - 能够精准清洗，实现精确位置、精确尺寸选择性清洗，效率高，节省时间。
 - 激光清洗机是一款不需要任何化学清洗液，无耗材，无污染，安全环保
 - 操作简单，可手持或配合机械手实现自动化清洗，激光清洗系统稳定，几乎无需维护。
- Laser cleaning machine is a new generation of high-tech products, the realization of non-contact cleaning products, do not damage the parts matrix.
 - Can accurately clean, achieve accurate location, accurate size selective cleaning, high efficiency, save time.
 - Laser cleaning machine is a need not any chemical cleaning fluid, no consumables, no pollution, safety and environmental protection
 - Simple operation, can be hand-held or with the mechanical hand to achieve automatic cleaning, laser cleaning system is stable, almost no maintenance.

应用领域 Application Area

激光清洗机针对金属表面除锈；表面除漆脱漆处理；表面油污、污渍、污垢清洗；表面镀层、涂层清除；焊接面/喷涂面预处理；石像表面灰尘及附着物清除；橡胶模具残留物清除。适用于轨道、船舶业、汽车配件、橡胶模具、高端机床、轮胎模具、环保行业等。

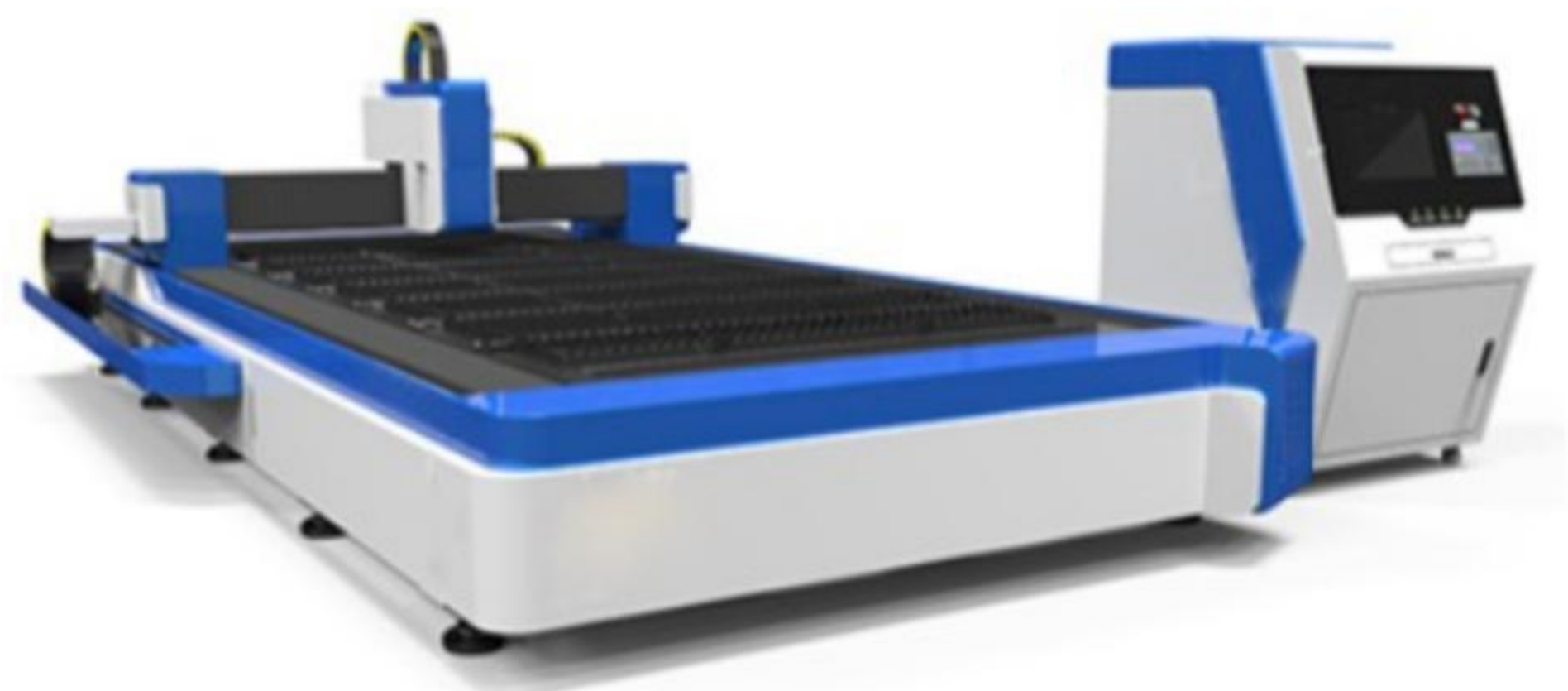
Laser cleaning machine for metal surface rust removal; Surface paint removal and depainting treatment; Surface oil, dirt, dirt cleaning; Surface coating, coating removal; Pre-treatment of welding surface/spraying surface; Removal of dust and fixtures from the surface of the statue; Rubber mold residue removal. Applicable to rail, shipping, auto parts, rubber mold, high-end machine tools, tire mold, environmental protection industry.



技术参数 Technical Parameter

设备型号/Model	LL-LC50,LL-LC100,LL-LC200 LL-LC300,LL-LC500	整机重量/Machine weight	85KG
激光功率/laser power	50W/100W/200W/300W/500W	整机功率/Power consumption	800W
激光波长/Wave length	1064nm	扫描范围/Marking scope	100mm-600mm
冷却方式/Cooling way	水冷 water cooling	整机尺寸/Machine dimension	690mmX450mmX1080mm
水温/water temperature	18-22°C	电力需求/Power requirements	220V ± 10/50HZ/60HZ

光纤激光切割机 Fiber laser cutting machine



性能特点 Performance characteristics

- 激光器、切割头、减速机、齿轮齿条等关键部件均采用国际知名品牌
- 光纤传输，柔性加工，适用于切割各种不锈钢、碳钢、铝、黄铜、紫铜等所有金属材料
- 采用龙门结构、高稳定性床身；高强度高刚性横梁
- 具有切割速度快、稳定性高、切割面平整、运行成本低的特点

- The laser, cutting head, reducer, rack and pinion and other key components are all internationally renowned brands
- Optical fiber transmission, flexible processing, suitable for cutting all kinds of stainless steel, carbon steel, aluminum, brass, copper and other metal materials
- Adopt gantry structure and high stability bed; High strength high rigidity beam
- It has the characteristics of fast cutting speed, high stability, smooth cutting surface and low operating cost

应用领域 Application Area

应用行业：机电设备、钣金加工、机箱机柜、不锈钢制品、厨卫、灯具、饰品、眼镜、五金工具、广告字牌、装饰等行业

Application industry: Electromechanical equipment, sheet metal processing, cabinet, stainless steel products, kitchen and bathroom, lamps and lanterns, ornaments, glasses, hardware tools, advertising brand, decoration and other industries



技术参数 Technical Parameter

设备型号/Model	LL-CF3015	重复定位精度 Repeated positioning accuracy	±0.02mm
激光发生器 Laser generator	IPG/Raycus/MAX	机床功率 Machine tool power	4KW
激光功率 laser power	1000-15000W	整机重量(Kg) Machine weight	3800
切割范围(mm) Cutting range	1500*3000 可定制	电力需求 Power requirements	380V/50Hz/60Hz/60A
切割速度 Max cutting speed	25m/min 视材质及厚度而定 <small>It depends on the material and thickness</small>	外形尺寸(mm) Equipment size	5430x3800x1800

光纤激光切管机 Metal tube fiber laser cutting machine



性能特点 Performance characteristics

- 支持在圆管面上，加工任意复杂曲线图形，不受图形难易限制
- 全自动气动卡盘，无损的管材装夹，瞬间即可自动定心夹紧工件，同时可调节气压大小，保证夹持力稳定可靠（薄壁管不会因夹爪导致管材变形）
- 全自动专业光纤激光切管机操作软件，能实现操作简单化、智能化、自动化

- It supports machining any complex curve figure on the round pipe surface, which is not limited by the difficulty of the figure
- Automatic pneumatic chuck, non-destructive pipe clamping, instant automatic centering clamping workpiece, while adjusting the size of the air pressure, ensure the clamping force is stable and reliable (thin wall pipe will not cause pipe deformation due to clamping claw).
- Automatic professional fiber laser pipe cutting machine operation software, can achieve simple operation, intelligent, automatic.

应用领域 Application Area

用于切割方管、圆管、矩形管、椭圆管、腰型管、D型管、六边形管

Used for cutting square pipe, round pipe, rectangle pipe, oval pipe, waist pipe, D pipe, hexagon pipe

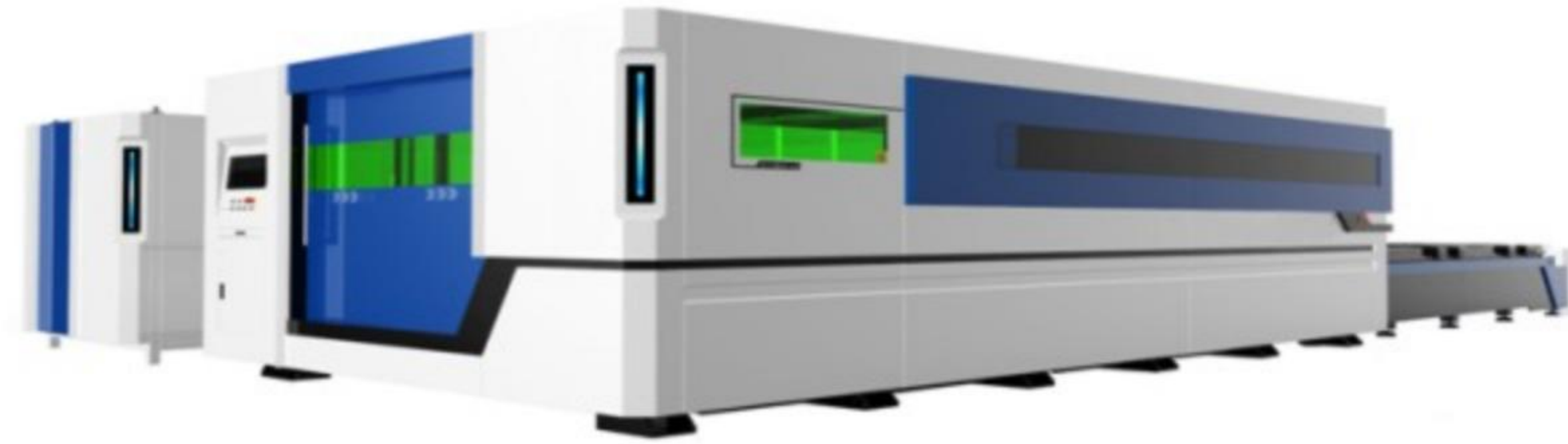


技术参数 Technical Parameter

设备型号/Model	LL-CP9035	重复定位精度(mm) Repeated positioning accuracy	0.03
管材尺寸(mm) Pipe size	Φ20-180; □20-130	显示器 Control display	24" LCD
最大管材长度(mm) Max pipe length	8500	激光器功率(W) laser power	1000~8000
管材重量(kg/m) Pipe weight	<20	设备电力需求 Power requirements	380VAC ± 10%/50Hz/60Hz/60A
快移速度(m/min) moving speed	90	主机尺寸(mm) Equipment size	5430x3800x1800
定位精度(mm) Positioning accuracy	0.05	整机重量(Kg) Machine weight	1500

交换台光纤激光切割机

Exchange platform fiber laser cutting machine



性能特点 Performance characteristics

- 激光器、切割头、减速机、齿轮齿条等关键部件均采用国际知名品牌
 - 采用龙门结构、高稳定性床身；高强度高刚性横梁
 - 高低双工作台，节省下料时间。
 - 整体外包装减少辐射和增加安全性。
- The laser, cutting head, reducer, rack and pinion and other key components are all internationally renowned brands
 - Adopt gantry structure and high stability bed; High strength high rigidity beam
 - High and low double working table, saving blanking time.
 - The overall exterior enclosure design reduces radiation and increases safety.

应用领域 Application Area

应用行业：机电设备、钣金加工、机箱机柜、不锈钢制品、厨卫、灯具、饰品、眼镜、五金工具、广告字牌、装饰等行业

Application industry: electromechanical equipment, sheet metal processing, cabinet, stainless steel products, kitchen and bathroom, lamps and lanterns, ornaments, glasses, hardware tools, advertising brand, decoration and other industries



技术参数 Technical Parameter

设备型号/Model	LL-ECF3015	重复定位精度Repeated positioning accuracy	±0.02mm
激光发生器Laser generator	IPG/Raycus/MAX	整机耗功率whole machine consumes power	8KW
激光功率 laser power	1000-15000W	整机重量(Kg)Machine weight	6200
切割范围(mm)Cutting range	1500*3000 可定制	电力需求 Power requirements	380V/50Hz/60Hz/60A
切割速度Max cutting speed	25m/min视材质及厚度而定 <small>It depends on the material and thickness</small>	外形尺寸(mm)Equipment size	8750x4100x1900

配件一览 Accessories list

 旋转分度头 Rotate the dividing head	 八工位旋转台 Precision eight position rotation plate	 三维滑台 three-dimensional sliding table
 升降台 Lifting platform	 烟雾净化器Smoke purifier	 自动流水线设备Optical lens
 场镜 Scan Lens	 振镜 High Speed Galvo Scanner	 光学镜片 Optical lens
 Co2激光管 CO2 laser tube	 光纤激光器 Fiber laser	 射频二氧化碳激光器 Radio-frequency carbon dioxide laser
 水箱 water tank	 打标卡 Control card	 机械臂 Mechanical arm