DANAPR

THE EXPERT OF LASER MARKING SOLUTION

戴纳标识技术（上海)有限公司

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# ENTERPRISE
## BRIEF INTRODUCTION

DANA Identification Technology (Shanghai) Co., Ltd. is headquartered in the Lingang New Area of the Shanghai Free Trade Pilot Zone, a premier manufacturer specializing in product marking and traceability solutions, owing a subsidiary Zhengzhou Dana Photoelectric Technology Co., Ltd. With a robust domestic presence spanning Wuhan, Guangzhou, Beijing, Jinan, Hefei, Xi'an, Changsha, and Chongqing, DANA extends its reach globally through a dedicated international sales team, exporting to over 30 countries worldwide.

Central to our operation is the National After-sales Service Center based in Zhengzhou, which leverages its central location in the heartland of China to offer nationwide 7*24hrs technical support, ensuring seamless customer service and convenience.

Harnessing advanced technologies from both domestic and international partners like Germany's IPG and Scanlab, the US' Coherent, Japan's Ricoh, Toshiba, Seiko, and the Shanghai Optical Research Institute, we design and manufacture state-of-the-art laser equipment, ink devices, and smoke purifiers. These innovations empower us to deliver cutting-edge logo marking solutions and auxiliary facilities across the globe.

Our product portfolio encompasses CO2 Laser Markers, Fiber Laser Markers, UV Laser Markers, and an array of specialized laser marking equipment. Furthermore, our subsidiary, Zhengzhou Dana Photoelectric Technology Co., Ltd., boasts independently developed high-resolution inkjet printers, thermal inkjet (TIJ) systems, small character printing machines, labeling systems, vision inspection & elimination systems, along with smoke purification equipment.

We cater to diverse industry demands with industrial packaging automation lines and unique one-item-one-code traceability solutions, serving sectors including profiling & pipeline, cable manufacturing, food & beverage, pharmaceuticals, packaging & printing, electronics, metal products, automotive parts, new energy, craftsmanship, and more. Our technology excels at static and dynamic production line applications, enabling precise text, barcodes, QR codes, and trademark graphics imprinting.

DANA stands out with numerous intellectual property patents in laser marking and inkjet printing technologies, encompassing software and hardware innovations. Our production adheres strictly to ISO standards, earning us recognition as an AAA-rated credit enterprise and a trusted business entity. These accolades reflect the dedication of our world-class R&D, professional service, and passionate marketing teams. Committed to excellence, we continue leveraging these strengths to drive innovative solutions for an ever-broadening client base.

# OPTICAL FIBER LASER MARKING MACHINE

Nowadays, optical fiber laser became a trendy research of laser physics. It is deemed to be the new generation product to replace the solid-state laser. The fiber laser marking machine utilizes laser beams to make permanent mark on surfaces of various materials. The principles of laser marking are mainly in three methods. One is exposing the deeper layer via surface material steamed by laser beams; Another one is optical energy changing the chemical physics characteristics of the surface material to engrave; The third one is laser burning some material to etch various demanding shapes such as graphics, text, barcodes, etc..



## Model /

F3020 F3030 F3050 F3100 F3200

## Accessories

Germany IPG laser, Germany high-performance galvanometer scanning system, self-developed control software.

## Application industry

Applicable for electronic components, crystal oscillator, metal can products, pipelines and files, auto parts, liquor packagings, and for steel, titanium, copper, aluminum foil, PVC, PES, PE, etc..

## characteristics

- Fast marking speed. Stable performance. Good laser mode.
- Long service life, which can continuously work up to 100,000 hours.
- High electro-optic conversion efficiency and low power consumption. The system is simple to operate and flexible to upgrade.
- Compatible with files from AUTOCAD, CORELDRAW, PHOTOSHOP, CAXA, and other software.
- Able to mark Bar code, two-dimensional code, graphic text, and other markings; supports PLT, PCX, DXF, BMP, and other file formats; Use SHX and TTF fonts directly.
- The system can automatically generate code to mark serial numbers, batch numbers, date, etc.



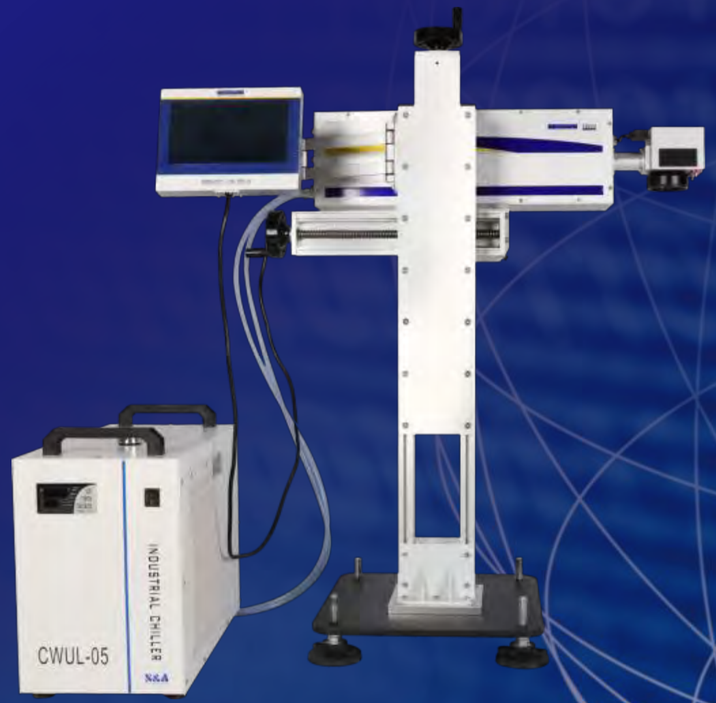
## Technical parameters

| Laser Parameters | F series |
|---|---|
| Laser Wavelength (nm) | 1064nm |
| MTBF | 100000hrs |
| Laser Power Class | 20W 30W 50W 100W 200W |
| Output Power Range | 10-100% Continuously adjustable |
| Working Distance (mm) | 168mm (standard 110mm*110mm field lens)/varies with different lens |
| Maximum Line Marking Speed | 12000mm/s |
| Add plugins function | Support |
| Laser Working State Detection Alert | Optional |
| External Interface | 4 pairs (I/O opto-isolator, USB, RS232, TCP network interface) |
| Dual Red Light Focusing | Yes (90degree + 360degree extension neck joint bar ) |
| **Marking Parameters** | |
| Marking Field (L*W)mm | 110mm×110mm Standard; Max. 500×500mm |
| Marking Lines | Set any line numbers within the valid marking range |
| Minimum Line Width | 0.02mm |
| Minimum Character Height | 0.2mm |
| Typeface | Single line, Dot matrix, Hollow font, True Type |
| Marking Content | Text, Graphics, Date, Clock, Two-dimensional code/Barcode, External variable data,etc.. |
| Importing Formats | Support PLT, PCX, DXF, BMP formats, and others. Built-in SHX and TTF fonts ready for use. |
| Marking Angle | Any Angle |
| **Operation Interface** | |
| Monitor | 10.2 inch Touch Screen (4:3) |
| Operating Language | Chinese, English and other Languages |
| Operation System | Embedded Linux Systems |
| **Environment Requirements** | |
| Protection Level | ≥IP54 |
| Overall Weight | Air Cooling |
| Operating Temperature | -5 ~ 45 degrees Celsius |
| Operating Humidity | 20%-70% RH, Non-Condensing |
| Power Supply | Single Phase AC 220V±10%, 50Hz |
| Machine Power | 0.6kW max |
| **Outer Dimensions/Weight/Material** | |
| Machine Dimensions | 750mmX430mmX1600mm |
| Overall Weight | 110Kg(packaging included) |
| Host Case | Painted metal plate |
| Light Channel | Aluminium alloy |
| Support | Aluminium alloy + Back painted carbon steel base plate |



# UV LASER MARKING MACHINE

Ultraviolet Laser Marking Machines of us take the advanced design to resonator and laser control technology, it enable the laser get excellent beam quality and more narrow pulse width at high power operation; the laser with narrow pulse width has short interaction time with the processed material and small thermal effect and more beautiful marking effect, and it is also more suitable for fine marking on special materials, which is an incomparable advantage of other laser equipment.






## Model

F2003 F2005 F2007 F2010

## Accessories

Advanced Optowave laser; Germany high-performance galvanometer scanning system; Self-developed control software.

## Application industry

Applicable for kinds of metal materials, widely used in industires like pipelines and files, food and beverages, pharmaceutical and medical, etc..

## Characteristics

- Fast marking speed. Stable performance. Good laser mode.
- Long service life, which can continuously work up to 30,000 hours.
- High electro-optic conversion efficiency and low power consumption. The system is simple to operate and flexible to upgrade.
- Compatible with files from AUTOCAD, CORELDRAW, PHOTOSHOP, CAXA, and other software.
- Able to mark Bar code, two-dimensional code, graphic text, and other markings; supports PLT, PCX, DXF, BMP, and other file formats; Use SHX and TTF fonts directly.
- The system can automatically generate code to mark serial numbers, batch numbers, date, etc.

## Technical parameters

| Laser Parameters | F series |
|---|---|
| Laser Wavelength (nm) | 355nm |
| Laser Power Class | 3W 5W 10W 15W 20W 25W |
| Output Power Range | 10-100% Continuously adjustable |
| Working Distance (mm) | 215mm (standard 110mm*110mm field lens)/varies with different lens |
| Maximum Line Marking Speed | 12000m/s |
| Add plugins function | Support |
| Laser Working State Detection Alert | Optional |
| External Interface | 4 pairs (I/O opto-isolator, USB, RS232, TCP network interface) |
| Dual Red Light Focusing | Yes (90degree + 360degree extension neck joint bar ) |
| **Marking Parameters** | |
| Marking Field (L*W)mm | 110mm×110mm Standard; Max. 500×500mm |
| Marking Lines | Set any line numbers within the valid marking range |
| Minimum Line Width | 0.01mm |
| Minimum Character Height | 0.15mm |
| Typeface | Single line, Dot matrix, Hollow font, True Type |
| Marking Content | Text, Graphics, Date, Clock, Two-dimensional code/Barcode, External variable data,etc.. |
| Importing Formats | Support PLT, PCX, DXF, BMP formats, and others. Built-in SHX and TTF fonts ready for use. |
| Marking Angle | Any Angle |
| **Operation Interface** | |
| Monitor | 10.2 inch Touch Screen (4:3) |
| Operating Language | Chinese, English, Korea and other Languages |
| Operation System | Embedded Linux Systems |
| **Environment Requirements** | |
| Protection Level | ≥IP54 |
| Cooling Method | Water Cooling(standard) / Air Cooling(thermostatic environment) |
| Cooling Method | -5 ~ 45 degrees Celsius |
| Cooling Method | 20%-70% RH, Non-Condensing |
| Power Supply | Single Phase AC 220V±10%, 50Hz |
| Machine Power | 0.6kW max |
| **Outer Dimensions/Weight/Material** | |
| Machine Dimensions | 780mmX450mmX1600mm |
| Overall Weight | 118Kg (water chiller not included) |
| Host Case | All-in-one structure, no chassis (5w 10w) |
| Light Channel | Aluminium alloy |
| Support | Aluminium alloy + Back painted carbon steel base plate |

# CO2 LASER MARKING MACHINE

Model

F1030 F1060

## Accessories

US Coherent laser; Germany high-performance galvanometer scanning system; Self-developed control software.

## Application industry

Applicable for most non-metallic materials in-line marking, widely used in industries like pharmaceutical and medical, personal cares, cigarettes and tobacco, food and beverages packaging, liquor and alcoholic, dairy products, electronic components, chemical construction materials, etc..

## Characteristics

- Fast marking speed. Stable performance. Good laser mode.
- Long service life, which can continuously work up to 30,000 hours.
- High electro-optic conversion efficiency and low power consumption. The system is simple to operate and flexible to upgrade.
- Compatible with files from AUTOCAD, CORELDRAW, PHOTOSHOP, CAXA, and other software.
- Able to mark Bar code, two-dimensional code, graphic text, and other markings; supports PLT, PCX, DXF, BMP, and other file formats; Use SHX and TTF fonts directly.
- The system can automatically generate code to mark serial numbers, batch numbers, date, etc.



## Technical parameters

| Laser Parameters | F series |
|---|---|
| Laser Wavelength | Optional 10.6μm / 10.2μm / 9.3μm |
| Laser Power Class | 30W / 60W |
| Output Power Range | 10-100% Continuously adjustable |
| Working Distance (mm) | 146mm (standard 110mm*110mm field lens)/varies with different lens |
| Maximum Line Marking Speed | 12000mm/s |
| Add plugins function | Not Support |
| External Interface | 4 pairs (I/O opto-isolator, USB, RS232, TCP network interface) |
| Dual Red Light Focusing | Yes (90degree + 360degree extension neck joint bar ) |
| **Marking Parameters** | |
| Marking Field (L*W)mm | 110mm×110mm Standard;(Marking field is selectable) |
| Marking Lines | Set any line numbers within the valid marking range |
| Minimum Line Width | 0.15mm |
| Minimum Character Height | 0.4mm |
| Typeface | Single line, Dot matrix, Hollow font, True Type |
| Marking Content | Text, Graphics, Date, Clock, Two-dimensional code/ Barcode, External variable data,etc.. |
| Importing Formats | Support PLT, PCX, DXF, BMP formats, and others. Built-in SHX and TTF fonts ready for use. |
| Marking Angle | Any Angle |
| **Operation Interface** | |
| Monitor | 10.2 inch Touch Screen (4:3) |
| Operating Language | Chinese, English, Korea and other Languages |
| Operating Language | Embedded Linux Systems |
| **Environment Requirements** | |
| Protection Level | ≥IP54 |
| Cooling Method | Air Cooling |
| Operating Temperature | -5 ~ 45 degrees Celsius |
| Operating Humidity | 20%-70% RH, Non-Condensing. |
| Power Supply | Single Phase AC 220V±10%, 50Hz |
| Machine Power | 0.6kW |
| **Outer Dimensions/Weight/Material** | |
| Machine Dimensions | 1100mm*450mm*1600mm |
| Overall Weight | 85Kg (packaging case included) |
| Host Case | No chassis for 30W; Chassis for 60W is Aluminium alloy electroplate |
| Light Channel | Aluminium alloy |
| Support | Aluminium alloy + Back painted carbon steel base plate |

# Portable Handheld Laser Marking Machine

## Model

DANA-7020 DANA-7030 DANA-7050

In modern industrial production and on-site operations, an efficient, convenient, and multifunctional marking tool is crucial. Our portable handheld laser marking machine is meticulously designed to meet your marking needs in various scenarios

## Characteristics

- This portable handheld laser marking machine stands out in the industrial marking field with its lightweight and portable design, robust battery life, and efficient marking performance. It is suitable for marking tasks in various complex environments, easily handling both large workpieces and confined spaces.
- This portable handheld laser marking machine is widely used in industries such as electronic components, IT, automotive parts, hardware tools, precision instruments, gifts and jewelry, medical equipment, etc. Whether it's plastic thermal break flight marking, metal sign automatic loading and unloading marking, or packaging box online marking, it can easily handle these typical applications. Its high precision, efficient marking capability, and flexible convenient operation make it the ideal choice for marking in various industries.

## Technical parameters

| Laser Type | Fiber Laser Generator (Generation II) |
|---|---|
| Output Power | 20W, 30W, 50W |
| Marking Area | 70×70mm, 100×100mm (optional) |
| Galvanometer | High-precision two-dimensional scanning system |
| Laser Wavelength | 1064nm |
| Focal Lens | 130mm |
| Marking Speed | ≤7000mm/s |
| Main Control | Integrated motherboard, 8-inch capacitive full-lamination screen |
| Operating System | Linux system |
| Marking Line Types | Dot matrix and vector integrated machine |
| Line Width | 0.03mm |
| Repeat Positioning Accuracy | 0.01mm |
| Positioning Method | Red light positioning, focusing |
| Number of Printable Character Lines | Any number within the effective marking range |
| Printing Speed | 800 characters (depending on material and content) |
| Fonts | Chinese, English, numbers, traditional Chinese, etc. (standard font library) |
| File Formats | BMP, DXF, HPGL, JPEG, PLT |
| Barcodes | CODE39, CODE128, CODE126, QR |
| Power Supply | 110V/220VAC, 324Wh15Ah |
| Overall Power Consumption | ≤250W |
| Operating Temperature | 0-40°C |
| Weight | 8-8.8kg (8kg for plug-in version, 8.8kg for battery version) |



# Desktop Dual-light Laser Engraver

## Model

DANA-3020

In the past, laser technology was mostly applied in the industrial field. With the technology development, laser technology is gradually breaking through its traditional application fields.
This desktop dual-light laser engraving machine is an effective tool for the application of laser in the commercial and personal use fields, which can be used for personalized customization and creative realization.

## Characteristics

- Dual laser mode, 2W 1064nm Infrared laser + 10W 450nm Blue Diode laser, suitable for 300+ materials
- Desktop & Handheld working methods 2 in 1, with handheld kit accessory
- Easy focusing by overlapping the red light and blue light.
- Support batch engraving with one button to repeat.
- Offering easy-operation mobile apps and high-function PC software.
- High-definition marking accuracy.

## Technical parameters

| | Infrared Light | Blue Diode Light |
|---|---|---|
| Laser output power | 2W | 10W |
| Laser wavelength | 1064nm | 455±5nm |
| Marking speed | ≤5000mm/s | ≤4000mm/s |
| Marking range | 100*100mm | |
| Mark depth | 0.015-0.2mm | |
| Supply voltage | AC110V - AC240V 50HZ/60HZ, Output: 12.0v-9.0A | |
| Preview speed | ≤10000mm/s | |
| Cooling method | Air cooling -internal fan | |
| Graphic Format Supported | PLT, DXF, BMP, CORELDRAW AUTOCAD Photoshop | |
| Applicable Materials | Metal, Plastic, Leather and any material with paint coating, etc. Stainless Steel, Gold, Silver, Platinum, Aluminum, Titanium, Brass, Plastic, Acrylic, Iron, etc. | Wood, Bamboo, Acrylic, Leather,Fabric, Tinted glass, Rock, Cork, Rubber, Food, Paper, Cardboard, Color glaze ceramics etc |

# Thermal Inkjet Coding Printer

**Model**
DN-M10

**Characteristics**

1. Developed based on the Linux platform, the industrial-grade motherboard features anti-interference design. (anti-static capabilities up to air discharge tests up to ± 8KV air discharge test, contact ± 2KV discharge test)
2. Capable of expanding 1-8 printheads; Compatible with half-inch and one-inch cartridges; Supporting hot-swappable cartridges.
3. Printing speed up to 120 meters per minute at 300x300 DPI, 240 meters per minute at 150x150 DPI, and up to a maximum of 300 meters per minute. The print speed is not affected by the number of printheads.
4. DPI linear flexible adjustment (resolution can be freely adjusted) with a vertical range of 40-300 DPI and a horizontal range of 40-999 DPI.
5. Innovative cartridge pressure plate intelligent detection and protection: when the cartridge pressure plate is opened, the machine automatically stops printing.
6. Stable and reliable high-speed communication capabilities, supporting diverse communication protocols (TCP/RS232/Scanning gun), enable printing of anti-counterfeiting traceability data and support rapid customization for personalized services.
7. One-key printing from PC Excel/Word/PDF files.

## Technical parameters

| | | | |
|---|---|---|---|
| Model | DN-M10 | Voltage | AV110-250V 50/60HZ |
| Printing Lines | 1-10 lines | Machine Memory | 4G |
| Printhead Extension | 1-8 printheads | Operation Enviroment | Temp. 0℃～40℃, 10%～90% RH |
| Printing Height | Single Printhead 12.7/25.4mm | Display | 10 inch |
| System Language | Multinational (Chinese, English, Arabic, Persian, etc.) | Interface | Synchronizer, Photoelectric, USB/DB9/RJ45 |
| Input Language | Multinational (Chinese, English, Arabic, Persian, etc.) | Message length | Unlimited message length |
| Font option | Local font library /USB import | Printing Speed | 120M/min（300DPI）Not limited by the number of printheads |
| Longitudinal resolution | 40 to 300 DPI | lateral resolution | 40 to 999 DPI |
| IO interface | 3 | Cartridge Hot-swappable | Yes |
| Ink property | Dry, oil-based, water-based, UV ink | Print resolution | 40-999DPI |
| Ink color | Black, White, Red, Yellow, Green, Invisible | Printing Code | Code128, code11, DataMatrix, QR UDI, etc. |
| Printing direction | Side printing, down printing | Message segmentation | Unlimited |
| Printing distance | 2-5mm | Count sequence number | 1-19 digits |
| Host dimensions | 200*146*45 mm(L*W*H) | Printing form | Text, date, counter, picture, one/two-dimensional code |
| Device system | LINUX | TXT/ELSX/CSV Data | Supports Chinese, English and digital database variables |
| Machine Material | aluminium alloy | | Supports two-dimensional code and bar code variables |
| Communication protocal | Support a variety of communication methods, such as IKEA database, standard TCP protocol, support for scanning gun | | |
| Printing Material | Metal, plastic, glass, cardboard, sheet and other surfaces | | |
| Customization | Boot LOGO, password customization, language and input method | | |



# Thermal Transfer Overprinter - TTO

Thermal transfer overprinter TTO is widely used in flexible film packaging. It is suitable for almost all soft bags, and can be integrated in various types of production lines

## Excellent experience

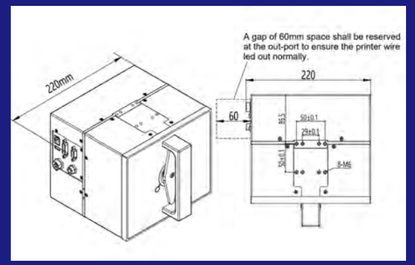
Printing speeds of up to 600mm/s can print more than 400 packages per minute Many-to-many control: One controller can control multiple prints Configure user rights and passwords to avoid improper operations Free Moxa code editing software

**Model**
DC32 DC53



## Technical parameters

| | D32 | D53 |
|---|---|---|
| Printhead size | 32mm | 55mm |
| Printing Resolution | 300dpi | 300dpi |
| Printing Range | Intermittent: 32mm*75mm | Intermittent: 53mm*75mm |
| | Continuous: 32mm*100mm | Continuous: 53mm*100mm |
| Ribbon Specification | L: max. 1100m, W: 22mm-33mm | L: max. 1100m, W: 33mm-55mm |
| | Multiple colors for option | |
| Printing Features | Printing at a pressure of 2.5 bar, the air consumption per print is as low as 0.4ml, and power consumption is reduced by 50%. | |
| | Introducing the smart print head with automatic settings and defect detection features | |
| | Intermittent and continuous printing machine | |
| Printing Speed | Intermittent: 100-500mm/s | |
| | Continuous: 50-600mm/s | |
| Ribbon Savings | The minimum ribbon interval between two lines of print is not more than 0.5mm. | |
| | Supports staggered, radial, multiple printing signals, digital ribbon saving print. | |
| | Ribbon backfeed and other ribbon saving modes. | |
| Printing Content | TXT, Realtime Date, Clock, Counter, TrueType font | |
| | Barcode, support ITF, Code39, Code128, EAN128 | |
| | EAN8, EAN113, UPCA, UPCE, Cable RSS, PDF, 417, ID Matrix, QR, etc. | |
| | Realtime external data and variables. | |
| Electric Parameter | Power Supply: AC 220V±10% , 50Hz | |
| | Operating Temp.: 0℃ ~ 40℃, Operating Humidity: RH 10%-90% Non-Condensing | |
| External Interface | Controller: Gigabit Ethernet GbE / 100M Ethernet, WIFI, Bluetooth, USB | |
| | Printer: Gigabit Ethernet GbE / 100M Ethernet, WIFI, USB, Serial port | |



# COMMERCIAL SMOG EXTRACTOR

Model

## D80/D120



### Characteristics

- Adopt internatioal advanced electromechanical control mode and efficient filtration system.
- equipped with a high pressure fan which can absorb smog particles and maximize the service life of the filter element.

### Technical parameters

| Model | D80 | D120 |
|---|---|---|
| Dimensions(width*thickness*height) | 197×197×187mm | 295×225×230mm |
| Weight | 5kg（6.5kg） | 9kg（10.5kg） |
| Maximum Flow | 160m³/h | 410m³/h |
| Power | 60W | 85W |
| Voltage | 220V/50HZ | 220V/50HZ |
| Noise Level | 40d | 45d |
| Filter Efficiency | 0.3μm 99.97% | 0.3μm 99.97% |
| Protection Grade | IP54 | IP54 |
| Operation Language | Chinese/English/Customizable | Chinese/English/Customizable |
| Control Method | Konb Operation | Konb Operation |



# SMOKE PURIFIER

Model

## D550


### Characteristics

- Adopt internatioal advanced electromechanical control mode and efficient filtration system.
- equipped with a high pressure fan which can absorb smog particles and maximize the service life of the filter element.


### Technical parameters

| Model | D550 |
|---|---|
| Outline Dimension(width*thickness*height) | 410×380×1010mm |
| Weight | 60kg |
| Maximum Flow | 500m³/h |
| Power | 500W |
| Voltage | 220V/50HZ |
| Noise Level | 75db |
| Filter Efficiency | 0.3μm 99.97% |
| Protection Grade | IP54 |
| Operation Language | Chinese |
| Control Method | Konb Operation |

# SOMKE PURIFIER

Model

# D200/D360



## Characteristics

- Adopt internatioal advanced electromechanical control mode and efficient filtration system.
- equipped with a high pressure fan which can absorb smog particles and maximize the service life of the filter element.

## Technical parameters

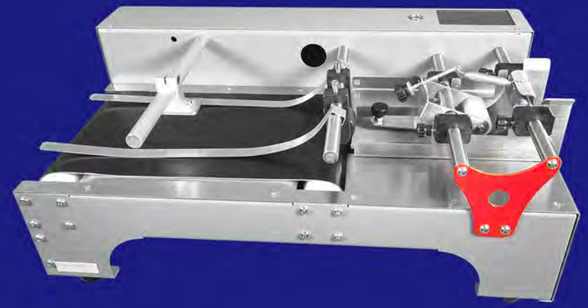
| Model | D200 | D360 |
|---|---|---|
| Dimensions(width* thickness*height) | 405×285×450mm | 400×390×500mm |
| Weight | 20kg | 27kg |
| Maximum Flow | 280m³/h | 360m³/h |
| Power | 200W | 350W |
| Voltage | 220V/50HZ | 220V/50HZ |
| Noise Level | 65db | 70db |
| Filter Efficiency | 0.3μm 99.97% | 0.3μm 99.97% |
| Protection Grade | IP54 | IP54 |
| Operation Language | Chinese/English/Customizable | Chinese/English/Customizable |
| Control Method | Konb Operation | Konb Operation |

# Integrated Paging TIJ Printer

## Model

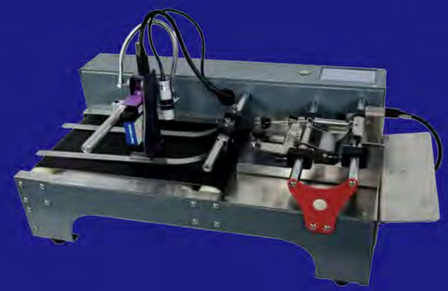
T100

This integrated paging and thermal inkjet(TIJ) printer is designed for packaging of finished bag, and labels. It is ideal for packagings with small quantity but numerious in variety, and widely used in small and middle-sized business.



## Characteristics

- DANA T100 thermal inkjet printer comes with stable automatic paging function.
- Operating Language including: Chinese; Traditional Chinese; English; Japanese; Arabic; French; Korean; Italian; Spanish; Portuguese; German; Dutch; Turkish, etc.
- Free to adjust paging speed with step driving.
- Printing Content: TXT;Date;Logo;Two-dimensional code; Variable Data.
- Support USB import for fonts, graphics, etc.



| Product Name | T100 Integrated Paging TIJ Printer | |
|---|---|---|
| Device Parameters | Dimensions | 580mm*340mm*230mm |
| | Belt speed | 5-55m/min |
| | Speed Regulation | Stepping motor |
| | Belt Material | Black PVC |
| | Case Material | Stainless steel/Carbon steel spray |
| TIJ Printer Parameters | Dimensions | L60-210mm,W60-210mm,T0.02-5mm |
| | Operating Screen | 4.3-inch capacitor/resistor screen |
| | Rated Voltage | 110V/220V;50/60Hz |
| | Processor | ARM high-speed processor |
| | Cartridge Model | HP Cartridge |
| | Printing Type | TXT;Date;Logo;Two-dimensional code; Variable Data |
| | Printing Distance | Best in 2mm-5mm |
| | Printing Height | 12.7mm/25.4mm (optional) |
| | Printing Speed | 120m/min |
| | External Input | Importing fonts, images, and external data through a USB drive. |
| | Operating Language | Chinese; Traditional Chinese; English; Japanese; Arabic; French; Korean; Italian; Spanish; Portuguese; German; Dutch; Turkish, etc. |
| | Maintenance | Automatic cleaning, maintenance free |
| | External Interface | Photoelectricity; Encoder; Alarm apparatus; USB |

# Handheld TIJ printer


## Model

DS-12 DS-25

Handheld thermal inkjet printer is a versatile and portable device designed for direct printing of variable information and various markings on objects surface. Wide range of applications make it an ideal tool for numerous industries.

## Characteristics

- 4.3-inch touch panel for easy visualization and operation.
- Detachable large capacity battery, long life, easy charging.
- Quick change cartridge slot; Multi-color cartridge options, easy to replace.
- Synchronization wheel ensures precise inkjet printing, preventing uneven shaking.

## Technical parameters

| Model | DS-12 | DS-25 |
|---|---|---|
| Machine weight | Approx. 520 g | |
| The machine materials | ABS plastic material | |
| Screen size | 4.3-inch touch screen | |
| Store information | Unlimited storage | |
| Sprayprinting precision | 600dpi | |
| Spray print content | Chinese characters, English letters, QR codes, bar codes, serial numbers, LOGOs, dates | |
| External interface | 3.5mm sensor interface, USB interface | |
| Ink color | Red, yellow, blue, green, black, white, invisible | |
| Printing distance | 2-5mm | |
| Printing height | 2-12.7mm | 2-25.4mm |
| Printing speed | 60 m/min | |
| Power supply parameters | DC8.4V lithium battery, 1A | |
| Support language | Chinese, English, Russian, Arabic, French, Vietnamese, etc | |
| Ink properties | Dry, Water, Oil | |
| Application | Sheet,carton,stone, pipe, cable, metal, plastic, electronic components, autoparts | |



# Egg Coding Printer

## Model

LN-6S

The 6-printhead TIJ printer for eggs, is designed for marking each egg with a unique identifier to help egg producers establish their brand. Equipped with a conveyor, it reduces manual operation to reposition and automatically completes the coding of entire trays of eggs. The machine features six printheads arranged in a line. So it is capable of printing marks to six rows of eggs at once and meeting most egg packaging specifications on the market.

## Characteristics

1.Robust Machine Body - The egg conveyor adopts an all-aluminum structure, making it sturdy and visually appealing.
2.Multiple Coding Format - USB interface allows users to quickly import coding files, graphic logos, and font files, meeting diverse customer requirements for marking variety.
3.Low Maintenance - The cartridge requires no cleaning, is plug-and-play, and is simple to maintain, offering economic and environmental benefits.
4.Fast Mark - It can code up to 30 eggs on a single pass, ensuring high production efficiency.


## Technical parameters

| | |
|---|---|
| Operation Screen | High-definition 7-inch capacitive touch screen with friendly interface and easy-use operation |
| Supported Languages | Chinese, English (other languages customizable) |
| Number of Printhead | 6 |
| Printing Height | Max. 12.7mm |
| Printing Precision | 600DPI |
| Printing Capacity | Up to 50,000 units per hour |
| Editing Function | Chinese, English, numbers and symbols. Information can be flipped vertically or horizontally, rotated, and scaled. |
| Graphic Function | Support USB imports logo images |
| Code Type | Capable of printing barcodes and QR codes |
| Time Skipping | Automatically update and print the y-m-d, and clock |
| Automatic Counting | YES |
| Ink Color Options | Magenta, red, blue, green are available |
| Ink Level Monitoring | YES |
| Printhead Lifting | Automatically adjusted up or down by pressing an elevation button |
| Input Voltage | AC220V 50Hz |
| Total Power Consumption | Less than 200W |
| Machine Dimensions | L2000mm * W600mm * H1090mm |
| Machine Weight | 67KG |

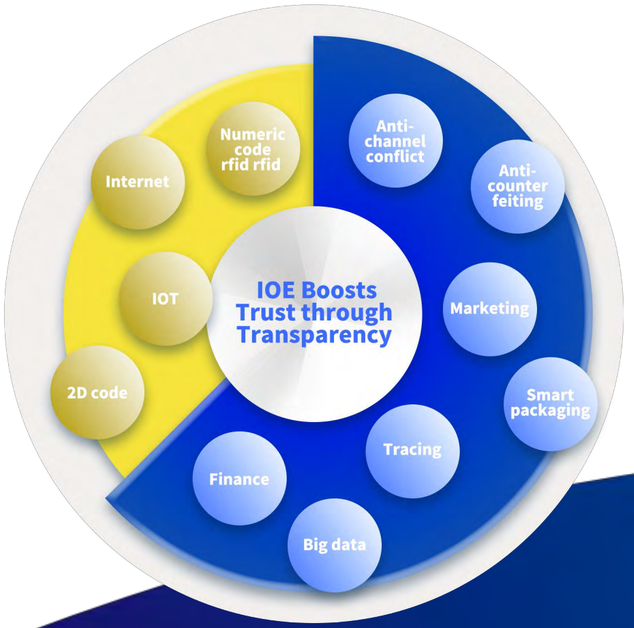
# PRODUCT TRACEABILITY ANTI-COUNTERFEITING ANTI-CHANNELING MANAGEMENT SYSTEM

## Internet of Everything / One Object, One Code

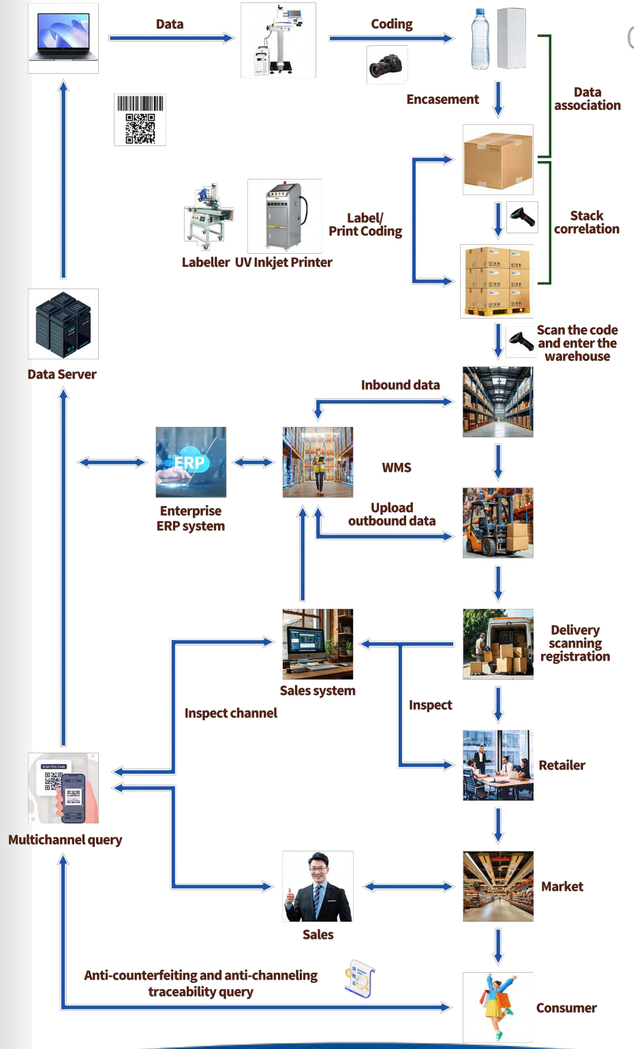
As the great and speedy development of smart phone and mobile internet, and the extensive application of 2-dimensional code or QR code, the product traceability and anti-counterfeiting system has been changed completely.

The new product anti-counterfeiting traceability system are built by 2D code, anti-fake, internet, product information, company information, tracing information, and supply chain data.

Based on our original product advantages, DANA builds the flexible and variable coding tech covering software and hardware, develops a system combined software modules of anti-counterfeiting, anti-channel conflict, trace the source, and marketing.



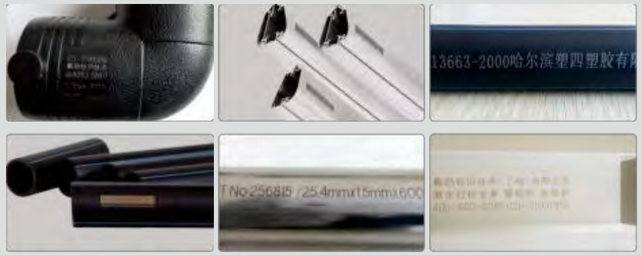



# SAMPLES SHOW

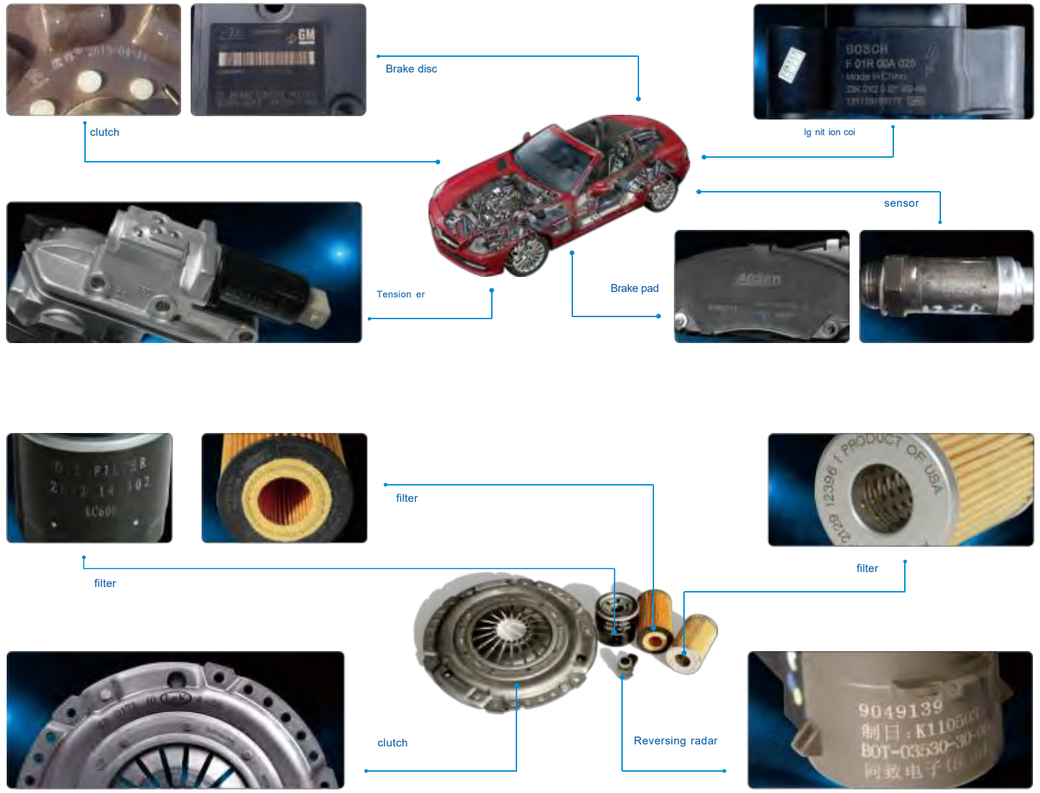


## Profiles&Tubes industry




## Food&Beverage industry


## Auto parts industry



## The pharmaceutical industry


## Metal products industry

## Packaging and printing industry

## Daily chemical industry


## Cable industry

## Handicraft industry

## Clothing industry


## Electrical and electronic products industry