



**GRENTSUN**  
Think Along Your Lines 吉瑞祥

UV Negative Pressure Printing System

# Greentsun®LP2000 Series

The LP2000 series UV negative pressure printing system can print various porous or non-porous materials, including absorbent materials, coated paper, offset paper, PVC, coated outer boxes, varnish outer boxes, PET, PE, etc., and is widely used in digital printing, packaging and other industries.

**Greentsun®LP2000 series** Intelligent negative pressure UV printing system, suitable for a variety of production lines, can print variable text, data, images and one-dimensional/two-dimensional codes with high precision. A single system can control 4 nozzles and output multiple sets of data and graphics simultaneously, becoming an excellent solution for digital printing, packaging printing and other industries. Large-format printing, multiple nozzles (standard/narrow/high protection) can achieve multi-head splicing, and a variety of inks are available, including CMYK (four-color ink), W (white ink), water-based ink, oil-based ink, etc.



## Operator-friendly and stable system

- Intelligent electronic negative pressure system to prevent ink back-sucking;
- Built-in photoelectric sensor;
- Large-format printing, multiple nozzles, multi-head splicing

## More OEM options

- Multiple ink options
- Variable data printing possible
- Multiple printhead options - standard/narrow/high protection

## More convenient production line linkage

- Anti-collision automatic follow-up nozzle ;
- Multiple data can be retrieved at the same time;
- Speed synchronization matching, easy to adapt to the production line

## Complete service system

- Free pre-sales testing, professional selection suggestions
- 24-hour response, on-site training and after-sales service
- Lifetime software upgrade service

# Grentsun®LP2000

## UV Data Printing system

### Printing format

Text, graph, 1D code, 2D code, GS1 code, anti-counterfeiting code, database, dot matrix font, vector files

### Working height

54.1mm ( each printing nozzle )

### Resolution(dpi)

Resolution of nozzle : 600dpi vertical (physical resolution)

Resolution of printing : 200- 4800dpi ( ( dpi in feed direction)

### Speed

Printing speed : 0-200m/min ( Depends on printing materials, ink, printing effect )

### Length of printing

2m(customized)

### Printing method

Print downwards, distance from nozzle to product 0.5mm-12 mm

Nozzle cylinder lifting

### Operation

Windows/ 12 inch color touch screen

Flash drive

### Database

Supports multiple database formats (Access, Excel, TXT, SQL server, Oracle ect.) multiple databases can be accessed simultaneously

### Working environment

Temperature 0-45 , humidity 5%-70%, dustproof space

### Ink supply method

Intelligent negative pressure ink supply system

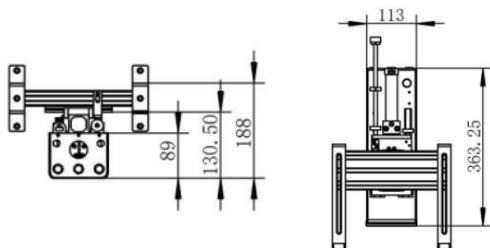
### Ink type

Water-based environmentally friendly ink (spot color ink)

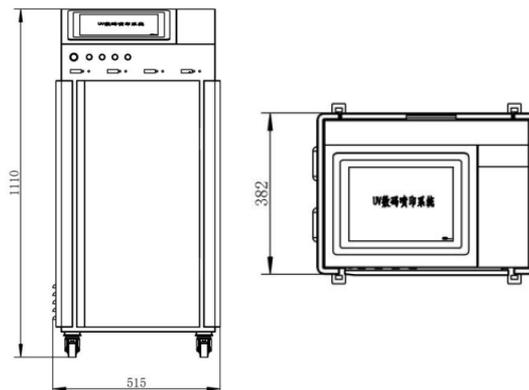
### Power requirement:

Automatic power range: 200 to 240V; 50/60 HZ

### Dimension of printing unit



### Dimension of electrical cabinet



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