



懂噴墨也懂你  
YOUR INDUSTRIAL PRINTING SOLUTION

# SCB2600 HIGH SPEED CORRUGATED DIGITAL PRINTER

**SHOWCASING  
IN VIVID COLORS**

**OUTSTANDING  
IN COLOR**

DIGITAL PRINTING BRIDGES TRADITIONAL GAPS,  
CREATES NEW PROFIT POTENTIAL.

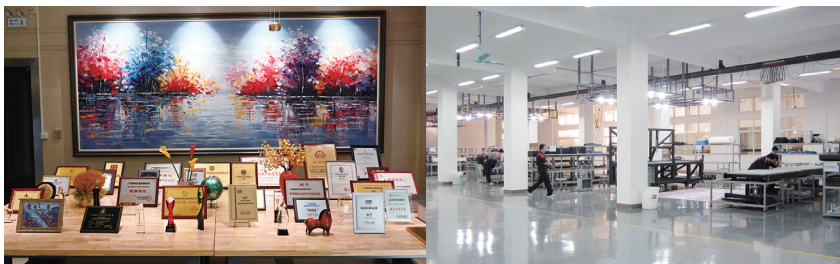
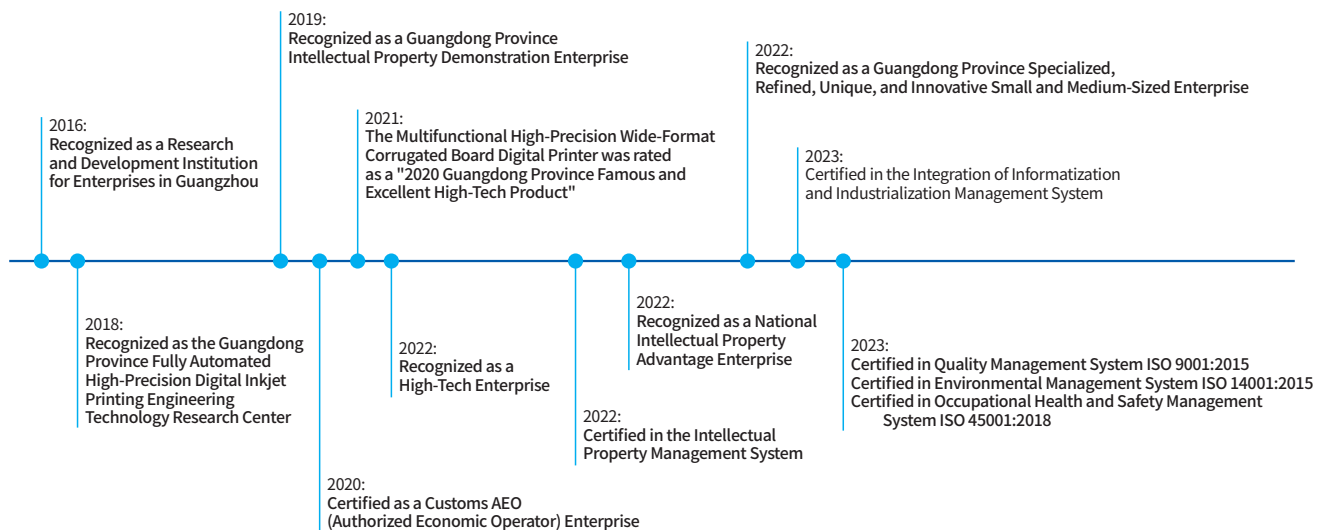
## COMPANY PROFILE

GUANGZHOU KINGTAU MACHINERY & ELECTRONICS EQUIPMENT CO., LTD (KINGTAU) was established in 2012. As a high-tech enterprise specializing in the research and development as well as manufacturing of industrial digital equipment, KINGTAU is dedicated to advancing the development of digital inkjet technology in the ceramic, building materials, and packaging industries. We provide tailored color management systems, proprietary digital inkjet control systems, and comprehensive customized industrial digital application solutions.

KINGTAU holds 175 patents and has been awarded certifications including Intellectual Property Management System Standard Certification, Integration of Informatization and Industrialization Standard Certification, Customs AEO Certification, ISO9001:2000, ISO14001, ISO45001 System Certification, and CE Certification.

Committed to the value proposition of customer-centricity, KINGTAU endeavors to provide intelligent digital inkjet equipment solutions for the manufacturing industry. We eagerly collaborate with like-minded individuals to explore the future development path of digital inkjet printing technology.

KT—YOUR INDUSTRIAL PRINTING SOLUTION!



## SCB2600--ADVANCED DIGITAL PRINTING INTEGRATED SOLUTIONS

### A

#### ADVANTAGES OF PURCHASE

- Exclusive for printing on cardboard and craft paper.
- Two versions available according to user needs: SCB2600, printing speed: 60 m/min; SCB2600 Pro, printing speed :120 m/min.
- The 2600mm feeding width allows for a printing width of 2560mm, with inline sections slotter and stacker sections, enabling efficient whole-line production.
- Local service team for worry-free operation.

### B

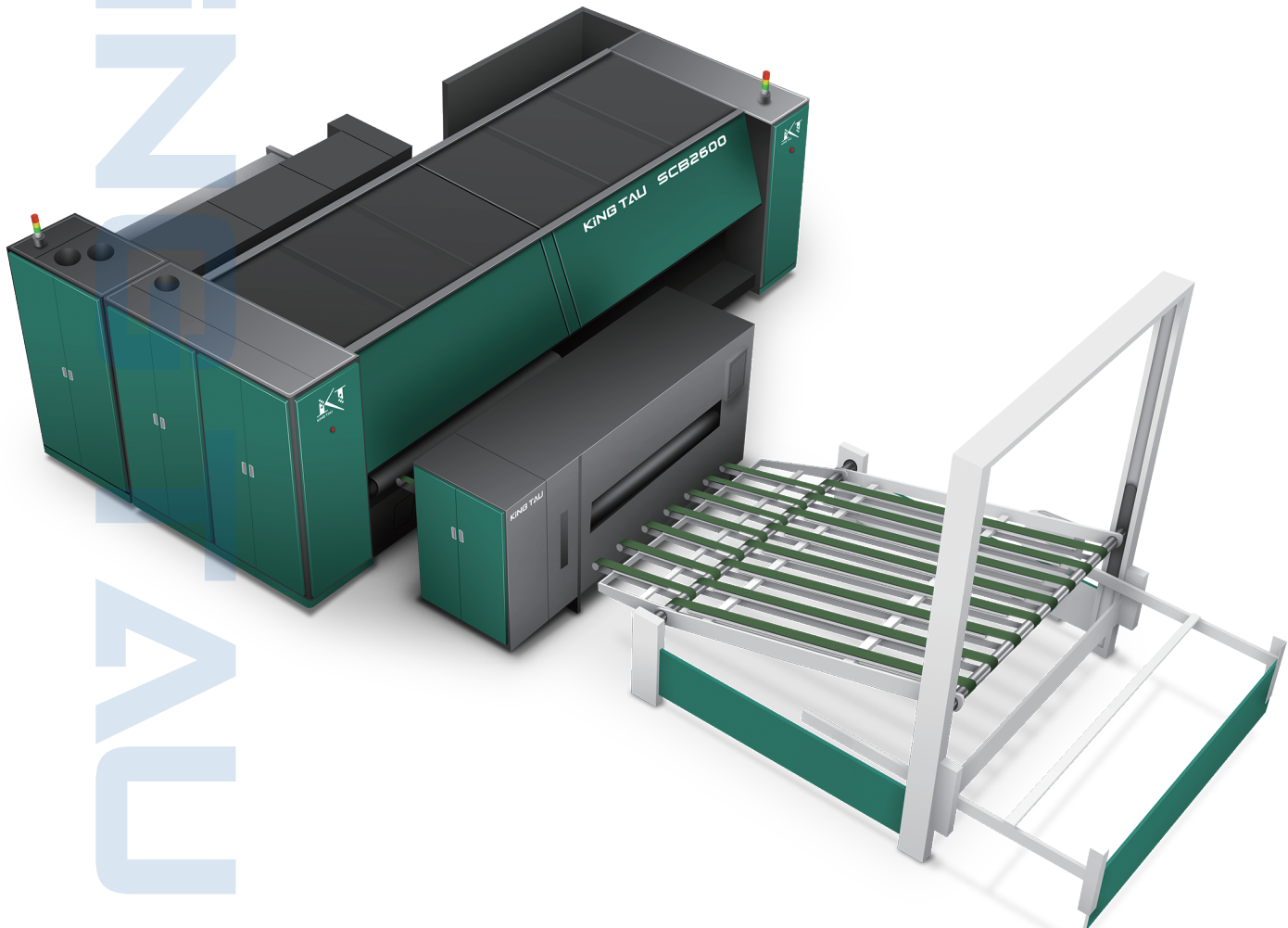
#### LOW-COST OPERATION

- Long-life printheads, capable of over 0.5 trillion jettings.
- Ink circulation system with no need for flash spraying, resulting in less than 3% ink wastage.
- Constant temperature ink circulation system requires no attendance, Automatic standby for long holidays.
- Four print head anti-collision system, safeguarding printhead.
- Paper surface dust removal system reduces printhead cleaning time.
- Quick-change order system, with order change time not exceeding 25 seconds.
- Wide ambient temperature range requirement of 15°C to 32°C, greatly saving air conditioning electricity costs.
- 7×24 Hours continuous production, stable, reliable, and efficient.

### C

#### PRINTING QUALITY

- Water-based pigment ink (waterproof ink) requires no lamination/varnish, resistant to water, sunlight, and abrasion.
- KINGTAU's water-based pigment ink (waterproof ink) matches the color saturation and brightness of water-based dye ink (non-waterproof ink).
- High-frequency ink droplet ejection and coverage capability, nearly eliminating streaking and white gaps.



- ★ 1: For further inquiries, please consult your local sales or engineering personnel. This document was printed in March 2024, and the manufacturer reserves the right to upgrade technology without prior notice.
- ★ 2: The trademarks and products of other companies mentioned in this manual, such as SPT, are used for informational purposes only. KINGTAU does not claim ownership of their trademarks.

## EQUIPMENT PARAMETERS

| Model                              | SCB2600+                                                                                                                                                                                                                                                                                                                                                                                                                           | SCB2600 Pro                                                 |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Printhead type                     | Industrial piezoelectric ceramic printhead (SPT-RC1536)                                                                                                                                                                                                                                                                                                                                                                            | Industrial piezoelectric ceramic printhead (SPT-RC1536 Max) |
| Printing method                    | Single Pass Printing                                                                                                                                                                                                                                                                                                                                                                                                               |                                                             |
| Printing width                     | 2560mm                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                             |
| Color                              | 4 to 6 colors                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                             |
| Ink                                | Specify certified water-based pigment/dye ink.                                                                                                                                                                                                                                                                                                                                                                                     |                                                             |
| Printhead number                   | 56pcs to 144pcs                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                             |
| Printing resolution                | 360dpi×360dpi To 1440dpi×360dpi With multiple options available                                                                                                                                                                                                                                                                                                                                                                    |                                                             |
| Printing speed                     | Max.80m/min                                                                                                                                                                                                                                                                                                                                                                                                                        | Max.110m/min                                                |
| Data transmission method           | Fiber optic transmission                                                                                                                                                                                                                                                                                                                                                                                                           |                                                             |
| Cleaning method                    | Automatic cleaning system                                                                                                                                                                                                                                                                                                                                                                                                          |                                                             |
| Cardboard requirements             | Thickness:1.5~28mm,Width:400~2600mm,Length:400mm to infinite length                                                                                                                                                                                                                                                                                                                                                                |                                                             |
| Size of digital printer (L×W×H)mm  | 14320×8400×2200 (Including Feeder ,Printer, Slotter and Stacker.)                                                                                                                                                                                                                                                                                                                                                                  |                                                             |
| Conveyor belt height               | 940mm (±10mm)                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                             |
| Weight of digital printer          | 17T(including Feeder 2T, Printer 5T, Slotter 8.2T, Stacker 1.8T)                                                                                                                                                                                                                                                                                                                                                                   |                                                             |
| Power supply voltage               | AC380V±10% (3F+N+GND) - 50/60Hz                                                                                                                                                                                                                                                                                                                                                                                                    |                                                             |
| Installed power                    | 92kW (Including Feeder and Printer 55kW, Slotter 35kW, Stacker 5kW, Actual working power <61kW.)                                                                                                                                                                                                                                                                                                                                   |                                                             |
| Grounding                          | <p>Independent reliable grounding.The grounding rod should be buried underground 2-3 meters deep.</p> <p>Horizontal grounding electrodes typically use round steel with a diameter of 8 to 10 millimeters.</p> <p>The length of vertical grounding electrodes is generally 2 to 3 meters, with an outer diameter of 35 to 50 millimeters.</p> <p>The dimensions of the angle steel are usually 40×40×4 or 50×50×4 millimeters.</p> |                                                             |
| Slotter                            | Double-knife biaxial,With pressure-free transition platform, 3m paper feeding, unlimited length                                                                                                                                                                                                                                                                                                                                    |                                                             |
| Stacker                            | Paper collection size: 2.6m/3m wide, 1.6m long, with snap function                                                                                                                                                                                                                                                                                                                                                                 |                                                             |
| Air source requirements            | Clean oil/water, Air pressure 0.5~0.8MPa , Airflow rate 500L/min                                                                                                                                                                                                                                                                                                                                                                   |                                                             |
| Ambient temperature                | 15~32℃                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                             |
| Relative humidity                  | 50%~90%                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                             |
| Digital printer level requirements | The height difference between the front, rear, left and right of the platform is within 1mm.                                                                                                                                                                                                                                                                                                                                       |                                                             |
| Environmental requirements         | <p>Less dust (work environment),Stay away from interference sources and large electrical equipment, should be equipped with lightning protection devices.There should be no obvious earthquakes on the ground, Do not use carpets or floor leather materials that easily generate static electricity.</p>                                                                                                                          |                                                             |

