

Thinking...

Compact Print & Verification System

Your QUEST ends here

CSPL 600 TB

PRINT & VERIFY

CSPL 600 TB Print & Verification System is a fast and reliable system for printing either UID or Serial number on show box that is built in a modular way to combine all necessary functions & seamlessly integrate into existing Packaging Line.



Thoughts brought to
reality by CONDOT®

CONDOT®
SYSTEMS PVT. LTD.

CSPL 600 TB

Compact Print & Verification System

Specific requirements for Global Serialisation as per GS1 in the Pharmaceutical Industry, require a Variable Data Printing solution. CSPL culture has been shown in our solutions, built with the standards of GMP. Data security is our prime focus, where we follow the guidelines of 21 CFR Part 11 and Barcode Reading Tools.

CSPL 600 TB "Print & Verification System" is a fast and reliable system to fulfil all requirements for global serialization and track & trace. Not only a compact

modular but also combines all necessary functions in a small footprint and seamlessly integrates into a new or existing production environment. Also a comprehensive system solution that gives you the flexibility to adapt necessary work flow. Powerful front-end (GUI) software gives access control for Operator, Supervisor, Manager and Admin level to ensure the security and functionality.

Technical Specification

Compliance to	: CE directives. 21 CFR part 11
Machine dimensions	: Length 1100 mm Width 820 mm Height 1650 mm (± 50)
Working height	: 700 mm (± 50)
Weight	: 70 kg (Approx.)
Belt speed	: 5 - 30 m/min
Running direction	: Left to Right
Cabinet	: Non-corrosive pharma standard
Rejection bin	: Non-corrosive pharma standard rejection bin secured with key lock
Rejection	: Air pressure blow system
Mountings	: Integrated mounting & bracket for print head and camera positioning
Emergency operation	: Switch on front panel. Hardware controlled emergency stop function

Connection / Input & Output

External connections	: Main power, air pressure & LAN
Electrical connection	: Voltage: 230 VAC (+ 10%)
Frequency	: 50 / 60 Hz
Air pressure	: Moisture and oil free, 5 to 7 bar air supply input
Product position	: Through Sensor & Encoder tracking
Machine controller	: PLC (14 Port – 8 Input / 6 Output)

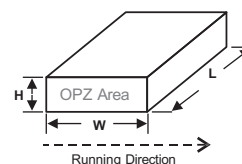
Printing System

Technology	: Print heads TIJ 2.5 Technology
Print height	: 12.7 mm / ½" pen
Resolution	: Up to 600 dpi
Print distance	: 0.5 - 2.0 mm Nozzle to print surface
Ink supply	: Ink cartridges, water and solvent based inks
Print Message	: Multi Language Printing

Vision System

Camera & lenses	: Industrial Camera System
Inspection area	: 45 (H) x 60 (W) mm
Light	: Integrated light shielding
Verification	: 2D codes and OCR
Data matrix standard	: According to GS1 and ISO/IEC 15415
Grading	: Quality of 2D code is determined by grade level between F - A (0 - 4). With a font-based reference scheme grade level between 0 and 100
Qualification	: In accordance with industrial standards, printed items ISO / IEC 15415 and 15416
Text standard (Font)	: OCR-B - 6 pts and above (Possible to use other fonts)
Print position	: Print from top and Side (Top is Optional)

Product size	
L	: 45-120 mm
W	: 40-120 mm
H	: 18-120 mm



Throughput	: Up to 150 Product per minute. (Depend on carton size)
Precise position	: Queue Management for product
Display	: 18.5" Monitor
Software	: CSPL 600 GUI to control all parameters and to comply 21 CFR Part 11

Interlocking

Queue control management for accepted Cartons & rejected Cartons. Errors & Warning alarm log with time stamp for:

- Emergency Stop
- Consecutive Rejection
- No Encoder Pulse
- Product Sensor Block
- Queue Missing
- Acceptance Sensor Block
- Low Air Pressure

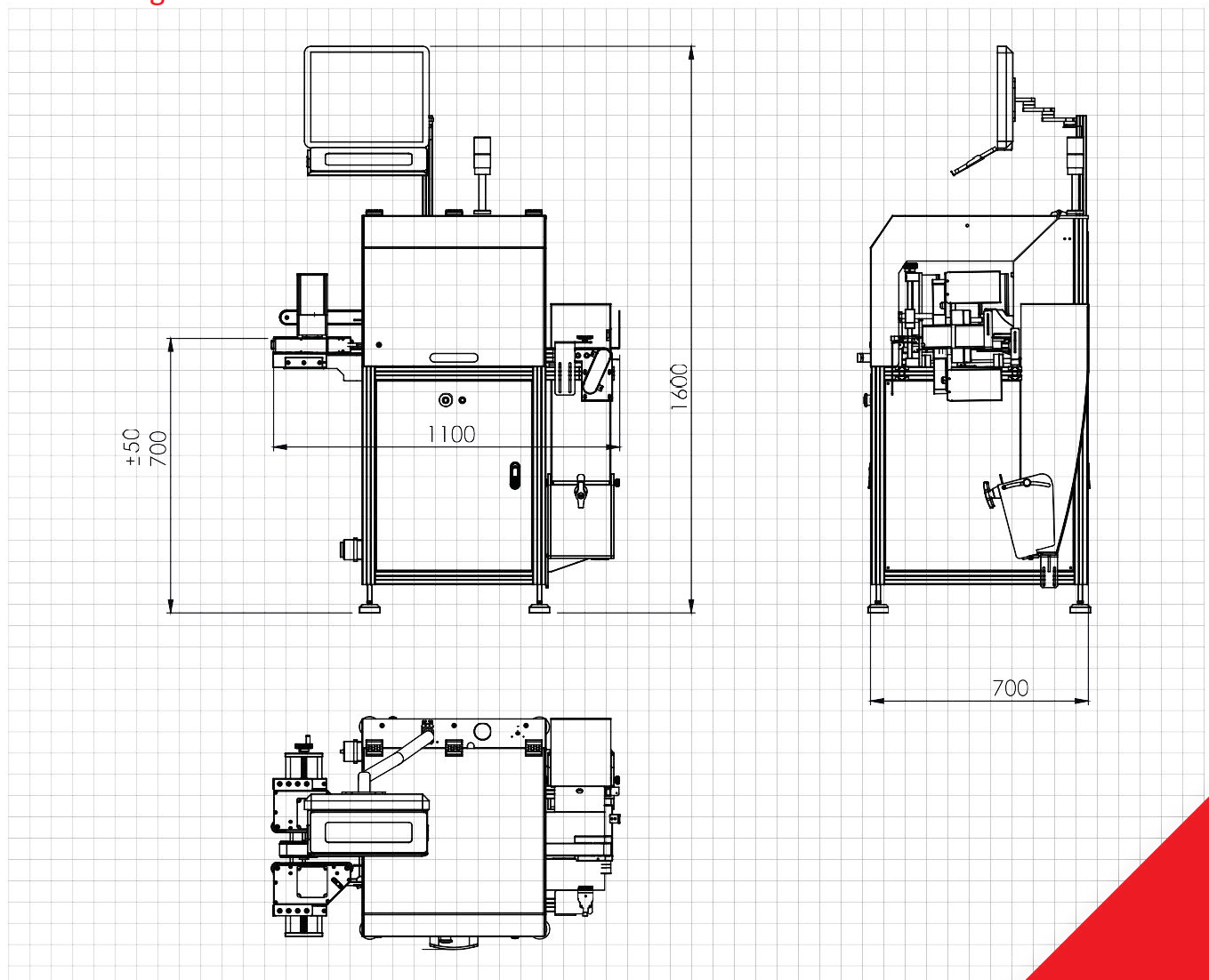
Report Output

Batch Summary Report, Batch Detail Report, Audit Trail Report, Alarm Log Report, Sample Report

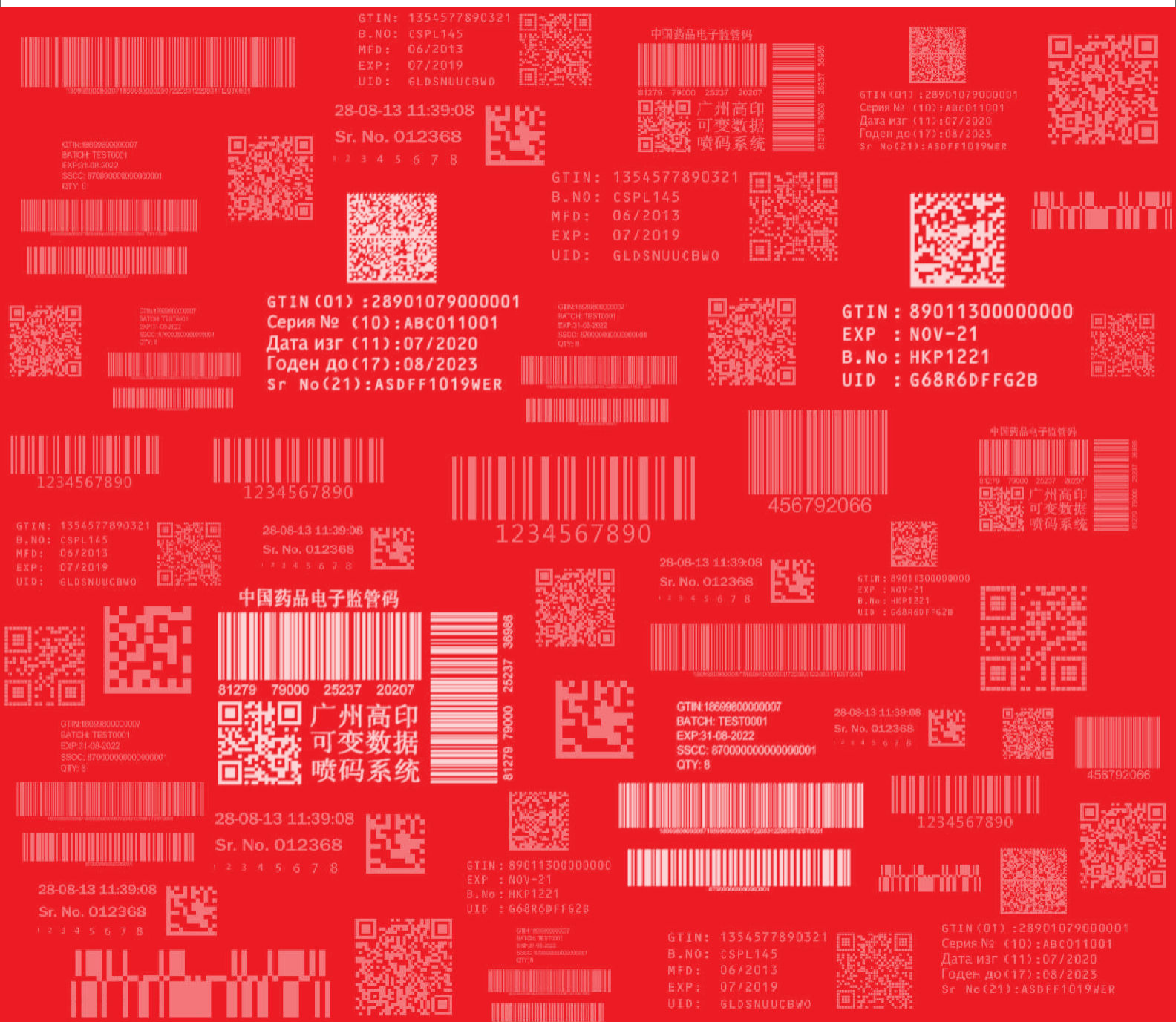
Convincing Highlights

- Most compact machine and it occupy small floorspace
- System supports to all application identifier as per GS1 Standard
- Occupy small floor space
- 21 CFR part 11 compliance
- Economical solution
- Flexible to work with data base either self-generated, Serial Number or remote flat file communication
- Audit trail reports
- Lockable Rejection bin
- Security with 4 user level
- Top belt to guide the carton
- In-feed of carton from cartonator directly

GA Drawing



Thoughts Fulfilled



CONDOT[®]
SYSTEMS PVT. LTD.

Head Office

Unit No. 122, Niraj Indl. Estate, Off. Mahakali Caves Road,
Andheri (E), Mumbai - 400 093. Phone: +91 - 22 - 2687 7023
Fax: +91 - 22 - 2687 9078 email: cspl@condotsystems.com
web: www.condotsystems.com

MAPTECH

SMART CODING SECURE TRACKING

No 17 - VGP Victory House, Anna Salai (Mount road), Chennai - 600 002
Tamilnadu, India Phone : 044 28551245 Email : Sales@maptechtools.com
Mob : +91 9841226105 , +91 7010528897
Web : www.maptechtools.com