



## DRUCKER® α1-ST

### Cost-Friendly Date Coder

#### Advanced Capabilities

- **Up to 4 lines** of high-resolution print with speeds up to 584 fpm (178 mpm), 7x5 twin line up to 223 fpm (68 mpm).
- **Advanced clean flow printhead design** maximizes uptime, no head-clean , no mess.

#### Simple to maintain

- No ink core, no ink module, one main filter only.
- 4000 – 6000 hrs depend on operational environment.



### Line Speed Capability

- 1 line 5x5 @ 178 mpm \ 584 fpm
- 1 line 7x5 @ 155 mpm \ 510 fpm
- 2 lines 7x5 @ 68 mpm \ 223 fpm
- 3 lines 7x5 @ 35 mpm \ 115 fpm
- 4 lines 5x5 @ 35 mpm \ 115 fpm

### Font Matrix Configuration

- Single-line: 5x5, 7x5, 9x7, 11x7, 15x11, 23x15
- Twin-line: 5x5, 7x5, 9x7, 11x7
- Tri-line: 5x5, 7x5
- Quad-line: 5x5

### Linear Bar Codes

- Code39, Code128, EAN128, EAN-8, EAN-13, UPC-A&E, QR code, DataMatrix

### Character Height

- Selectable from 0.1 cm (0.04") to 1.5 cm (0.6"), depending on font

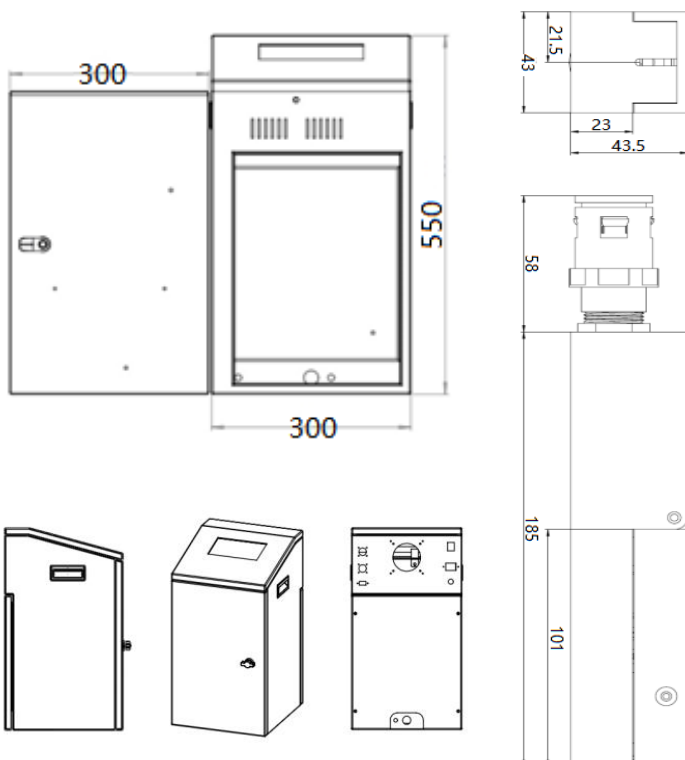
### Throw Distance

- Optimal : 15 mm (0.6")
- Range : 5 mm (0.2") to 50 mm (2")

### Display & Key-in

- 7" 800X640 Full HD touch screen
- WYSIWYG on-screen message editing, Linux smart OS with iPhone-level user experience

## Dimensions



### Custom Logo/Graphics

- Can be created by user on build-in logo editor on printer, or on PC by Microsoft Paint (mono-bmp).

### Character Sets

- English, Chinese, Russian, Arabic, Farsi, Latin, etc

### Language and Interface Options

- English, Chinese(S+T), Arabic, Vietnamese, Thai, Farsi, French, German, Korean, Spanish, Russian, etc

### Message Storage

- 1000 complex messages.

### Fluid Containers

- 1500ml refillable reservoir (Ink/Solvent)

### Temperature/Humidity Range

- 5°C (41°F) to 45°C (113°F)
- 0% to 90% RH non-condensing

### Electrical Requirements

- Power supply 100-120/ 200-240 VAC, 50/60Hz, 120W

### Net Weight

- Unpacked and dry : 27 kg (59.5 lbs)

### Environmental Protection

- 316 stainless steel, IP55 standard, no plant air required

### Print Head Umbilical

- 2.5 meters standard, up to 5 meters

### Options

- Remote control software kit (Win10), RJ45 or Wi-Fi
- Food grade version
- Wide range of accessories (Sensors/Encoders/etc)



**DRUCKER® INKJET PRINTER**  
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