



Made in Japan



Piezo Variable Drop



Low Energy



0 % VOC inks



CMYK, Clear & White

## 64" LED UV Roll-to-Roll Printer

### Technical Key Specifications

|                               |  |
|-------------------------------|--|
| Print Technology              | Drop-on-demand Micro Piezo Inkjet Technology |
| Print Heads                   | 2 (staggered setup)                          |
| Nozzle Configuration          | 180 nozzles x 8 lines (each head)            |
| Drop Mass Range (pl)          | 3.8 to 28                                    |
| Head Height / Media Thickness | 1.5/0.3 mm or 2.5/1.3 mm                     |
| Ink Drying System             | 2 long life LED UV curing lamps              |
| LED UV Lamp Life              | 14.250 hours                                 |

### Roll Media Specifications

|  |   |
|--|---|
| Min./Max. Media Width                      | 182 mm (7.17") / 1625 mm (63.97")                   |
| Max. Print Width                           | 1615 mm (63.58")                                    |
| Media Measurements *                       | Ø 150 mm / 2" & 3" / 30 kg                          |
| * : Standard non-motorised roll-off system |   |
| Take-up Systems                            | Optional 30 kg and 100 kg motorised take-up systems |

### Ink Specifications

|   |   |
|---|---|
| Ink Type  | LED UV Flexible inks  |
| Ink Colours / Volume  | CMYK + Varnish : 220 ml cassette / 800 ml bag *<br>White : 220 ml cassette / 500 ml bag *   |
| * : 800 ml / 500 ml pack requires optional adapter  |   |
| Ink Setup   | CMYK (CMMYYKK)<br>CMYK + White + Varnish (CMYK+2xWh+2xVa)   |
| Compatibility   | Typical (uncoated) sign & display substrates, wall papers, canvas, backlit, transparent, coloured or black media, fluorescent paper, metallic, mirror film, etc...<br><br>Prints on heat-sensitive substrates such as polyolefin-based (PVC free) self-adhesive films<br><br>Non-woven, PC, PE, PET, PES, PP, PS, PVC |
| * : Ink adhesion will vary among media type and brand. Individual testing is required in function of your choice of material, brand and specific application. |   |



### Performance

|                   |                |
|-------------------|----------------|
| Print Resolutions | Up to 1440 dpi |
|-------------------|----------------|

### Typical Print Speeds

|                         |                                       |
|-------------------------|---------------------------------------|
| 4-Colour (Single Layer) | 2,9; 5,7; 6,5; 13,5 m <sup>2</sup> /h |
| 6-Colour                |                                       |
| Single Layer CMYK       | up to 5,2 m <sup>2</sup> /h           |
| Single Layer White      | up to 13,5 m <sup>2</sup> /h          |
| Double Layer (1)        | up to 2,5 m <sup>2</sup> /h           |
| Triple Layer (2)        | up to 2 m <sup>2</sup> /h             |

(1) Double Layer: CMYK + White, CMYK + Clear

(2) Triple Layer: Simultaneous CMYK + White + Clear

### Power Consumption

|                     |   |
|---------------------|---|
| During Printing     | < 770 Watt  |
| In Stand-by / Sleep | < 55 W / < 25 W   |
| Power Supply        | AC 100-120 V / AC 200-240 -<br>60/50 Hz - ≤ 4.0 A / ≤ 2.0 A |

### Recommended Working Environment

|             |  |
|-------------|--|
| Temperature | 20 °C - 32 °C with Δt: max. 2 °C/h                       |
| Humidity    | 40 % - 60 % (no condensation) with<br>ΔRH: max. 5 % RH/h |

### Machine Measurements

|                        |                          |
|------------------------|--------------------------|
| Width x Depth x Height | 2983 x 818 x 1261 mm     |
| Weight                 | 189 kg (printer + stand) |

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