

# DM-UNILINER 2D

## Specifications

### General information

<b>Length/width/height:</b>	4,200 x 1,780 x 2,056 mm
<b>Control system:</b>	PC, PLC, touchscreen
<b>Weight:</b>	3,400 kg

### Connection values

<b>Electrical requirements:</b>	Application unit: 3 x 400 V AC, 50 Hz, L1/L2/L3/N/PE, 16 A pre-fuse Substrate handling system: 3 x 400 V AC, 50 Hz, L1/L2/L3/N/PE, 32 A pre-fuse
<b>Compressed air:</b>	Max. 6.5 bar (oil-free)

### Application unit

<b>Application width:</b>	Max. 324 mm
<b>Application speed:</b>	Max. 75 m/min (max. feasible speed depending on substrate)
<b>Ink type:</b>	LED UV curable ink
<b>UV-LED pinning unit:</b>	Approx. 3 watt/cm <sup>2</sup> , adjustable by machine control, air-cooled
<b>UV-LED final curing:</b>	Approx. 28 watt/cm <sup>2</sup> , adjustable by machine control, air-cooled
<b>Print head resolution:</b>	600 x 600 dpi
<b>Droplet sizes:</b>	3/7/11/14 pl (application amount from 1.7 to 12.6 g/m <sup>2</sup> available)
<b>Register accuracy (in-setting on preprint):</b>	± 0.20 mm (lengthwise and crosswise)
<b>Outside foil diameter:</b>	Ø max. 300 mm (11.8") foil length approx. 2,100 m (6,890 ft)
<b>Supported substrates:</b>	Self-adhesive labels, PP, PE and PET, coated and uncoated paper, shrink sleeves
<b>File formats:</b>	PDF, TIFF, BMP, EPS

### Substrate handling system

<b>Substrate width:</b>	150 – 350 mm
<b>Outside diameter:</b>	Max. 800 mm
<b>Roll weight:</b>	Max. 280 kg
<b>Core diameter:</b>	3" or 6"

All technical data are approximate.

