«ALL-IN-ONE-BOX» INKJET PRINTER BY

ALE
More than a printer >>>

Nano-Series combines the best qualities of ALE print-heads and controllers in one single printer.

COMPACT BUT YET POWERFUL

Systems of the Nano Series are self-contained printers,
also referred to as "ALL-IN-ONE-BOX" systems: wide 5" touch screen display, controller, ink-system and print-head ALL GATHERED IN THE SAME ENCLOSURE.

Made of HIGHLY RESISTANT materials, it can FIT PERFECTLY in any production line.

QUICK AND EASY TO USE

Coming with the same INTUITIVE CODEX INTERFACE than the MasterHD control box, printers from the Nano Series are really USER FRIENDLY.

Moreover, The main advantage of these models are the
SPEED OF INSTALLATION: switch them on and they will be ready to print in no time !

NANO SERIES

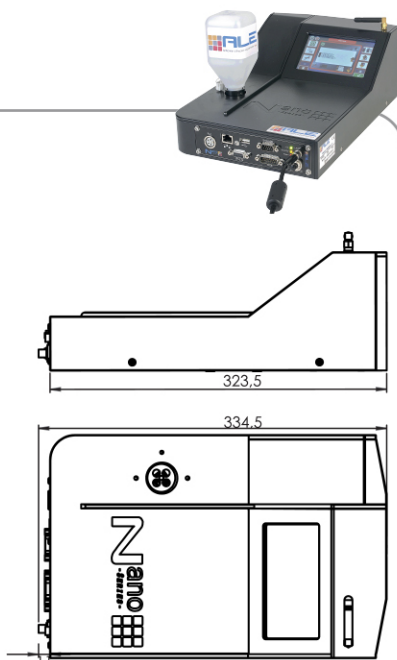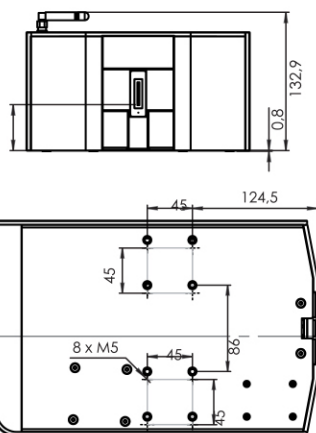|	NANO18	NANO18-R
PRINTING SPECIFICATIONS		
Print Band	18mm	
Resolution	180 Dpi - Depending on print density and speed	
Maximum print Speed (1)	42m/min	
Drop size	80pL	80pL
Printing Frequency	4,8 kHz	4,8 kHz
Distance of lower point from base	44mm	14mm
Print distance	For optimum quality, up to 0,7 cm from substrate	
Print Head orientation	Side printing	Omnidirectional printing
Substrates	Porous (oil-based inks) - Non-porous (solvent-based inks)	Porous (oil-based inks) - Non-porous (solvent-based inks)
MESSAGE SPECIFICATIONS		
Fonts	True Type - Open Type	
Effects	Size, Orientation, Mirror, Negative Image	
Characters size	From 0,7 to 18 mm	
Variable data	In real time date (hours, minutes, seconds, month and year - formats can be customised) / Pre or post date / Data coming from external communication devices / Batch and serial numbers, shifts, counters, etc.	
Barcodes	ITF type, ITF14, UPC-A, EAN8, EAN13, EAN128, Code128, Code39, DM GS1, RSS-14, Codabar, RSS-EX, Datamatrix, QR Codes	
Graphic formats supported	All	
MACHINE SPECIFICATIONS		
Weight (2)	2 Kgs	2,7 Kgs
Housing		
Operating environment	From 5 to 45°C - Humidity from 0 to 90% (non condensing)	
Control box Specifications	Works with CodeX Design software. WVGA 5" Touch Screen — Connections: USB / RS232/ Wi-Fi 802,11b/g. More than 200 messages can be stored on the control box via USB key	
Compatibility	Compatible with external devices: Weighing Device, Barcode Scanner, PLC / Automat, Database. Fully supported by NiceLabel and compatibe with Windows Driver	
Ink system	250 or 600mL ink bottles - Easy clean and secured ink replacement no production stop	
Characteristics	Ink low built-in - Provided with cable and mounting accessories	Ink low built-in - Provided with cable and mounting accessories - 1m umbilical length (1,5m as an option)
Maintenance	Low level of maintenance - service by local teams (authorized distributors)	

(1) Maximum print speed for a resolution of 180 Dpi

(2) See dimensions of the machines below

DIMENSIONS

NANO18

132,9
0,8
323,5
334,5
124,5
45
45
8 x M5
45
86
45

NANO18R

268,5
102,6
45
45
8xM5
86
45
214,6
45
335,5
154
11

Solvent print-down configuration

113,9
133
0,6
86
52