



EBS-1500 SERIES

Industrial Large Character Ink Jet Printers

reliable – versatile – durable

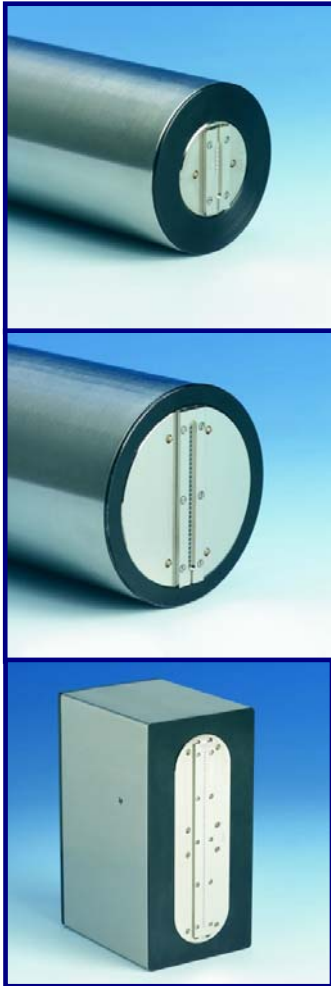
The EBS-1500 series ink jet printers allow porous and non-porous surfaces to be printed with a wide range of print sizes.

cardboard - plastic - metal - glass - film - textiles ...

Up to 8 printheads can be controlled from a single EBS-1500 controller with print heights ranging from 6 to 115mm.

- Porous and non-porous surfaces
- Fast dry inks – typically 2 sec dry time on plastic
- Wide range of ink types and colours
- Up to 8 printheads from 1 controller
- Heavy-duty stainless steel construction
- Printheads from 7 to 64 dots high
- Text heights from 6 to 115mm
- Choice of ink systems from 1 to 25 litres
- Low ink consumption
- Extremely low maintenance





7, 32 and 64 dot printheads

flexibility

EBS-1500 systems comprise the following components:

- EBS-1500 controller
- Up to 8 printheads
- Choice of ink systems
- Product sensor
- Optional encoder for variable speed applications
- Optional interfaces to connect to external devices
- Optional printhead slide brackets for irregular shaped or positioned products

Printheads are available in the following sizes:

- 7 dots / 11mm maximum print height / 1 line of print
- 12 dots / 20mm maximum print height / 1 or 2 lines of print
- 16 dots / 27mm maximum print height / 1 or 2 lines of print
- 25 dots / 40mm maximum print height / 1 to 4 lines of print
- 32 dots / 56mm maximum print height / 1 to 5 lines of print
- 64 dots / 115mm maximum print height / 1 to 8 lines of print

Ink systems are available in the following sizes:

- 1 litre bottle – pressurised by compressed air
- 10 litre barrel – ink delivered by EBS pump (no compressed air)
- 20 litre bag-in-box – ink delivered by EBS pump (no compressed air)
- 25 litre barrel – ink delivered by EBS pump (no compressed air)

SPECIFICATIONS

Print characteristics

Printheads:	Up to 8 per controller
Print nozzles:	7, 12, 16, 25, 32 and 64 nozzle models
Nozzle diameter:	150 micron standard – 100, 120 and 200 micron optional
Print height:	6 to 115mm depending on printhead
Print direction:	Any direction
Message storage:	1,024 messages
Special print fields:	Date, time, offset date and counters in many formats
Print speed:	Depends on print matrix
Ink types:	Water, ethanol, MEK and acetone based
Ink colours:	Various depending on type including black, red, blue and green
Ink container size:	1, 10, 20 or 25 litres
Ink consumption:	Typically over 2,000,000 7x5 dot characters per litre

Environment

Operating temperature:	+5 to +40°C
Storage temperature:	-10 to +45°C
Humidity:	Up to 95% non condensing

Services

Electrical supply:	100-240Vac, 50-60Hz, 700W
Compressed air:	Required only for 1-litre ink system

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