



# EBS

Ink Jet Systems

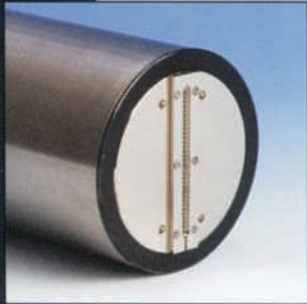
## Ink-Jet Coder EBS-1500



*Ink-Jet technology for the future*



EM-Printhead small  
(7 nozzles)



EM-Printhead big  
(32 nozzles)



EM-Printhead big  
(64 nozzles)



Piezo-Printhead small  
(192 nozzles)



Piezo-Printhead big  
(352 nozzles)

The EBS 1500 series are controllers that operate modular, separate from the printhead. The available printheads are in a high quality steel housing and with Electromagnetic-technology (EM - up to 64 dots) or with Piezo-technology (Piezo - up to 352 dots).

The printing height varies in the range of 5-115 mm with the EM-head and 10-48 mm with the Piezo-head.

It is also important on what kind of material you want to print on. EM-heads use solvent based inks that are very adhesive especially on non-porous surfaces (metal, glass, plastics, etc) in contrast to Piezo-heads which are using ink for porous surfaces (cardboard, wood, textiles) only.

As one of the first controllers world-wide the EBS 1500 can support up to 8 printheads - EM and Piezo. (Option)

The EBS 1500 combines text editing, graphics, bar-codes as well as data matrix codes with an user-friendly graphic interface, no computer is necessary.

A complete well tested software and steel housing construction shows the high quality standard of the EBS 1500, inside and outside. Several extras e.g. the printhead holder or consumables like special inks (pigmented ink, UV-ink, food grade ink, security ink, etc) completes our product range.



**Technical Data:**

Controller

Printhead:	max. 8
Matrix:	5x5, 7x5, 9x5, 9x7, 11x8, 12x6, 12x7, 14x9, 16x10, 16x14, 21x15, 25x15, 32x18, 64x36
Memory:	1024 texts; 265 kB

EM-Printheads

No of nozzles:	5, 7, 12, 16, 25, 32, 64
Character size:	5-115 mm
Position of head:	any
Ink type:	Solvent based
Distance to object:	2-20 mm
Print speed:	depends on the matrix

Piezo-Printheads

No of nozzles:	96 / 192 / 352
Character size:	10-48 mm
Position of head:	horizontal
Ink type:	Glycol-based
Distance to object:	< 4 mm
Print speed:	max. 2 m/s



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