

EDGE MARKING

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The New Standard Edge Marker for dot matrix marking is based on the application of black ink characters and barcode with a continuous ink-jet on a ribbon of white paint.

The white ribbon is applied to the edge by an air atomising spray gun prior to ink marking.

The edge to be marked is at standstill and in the position for marking.

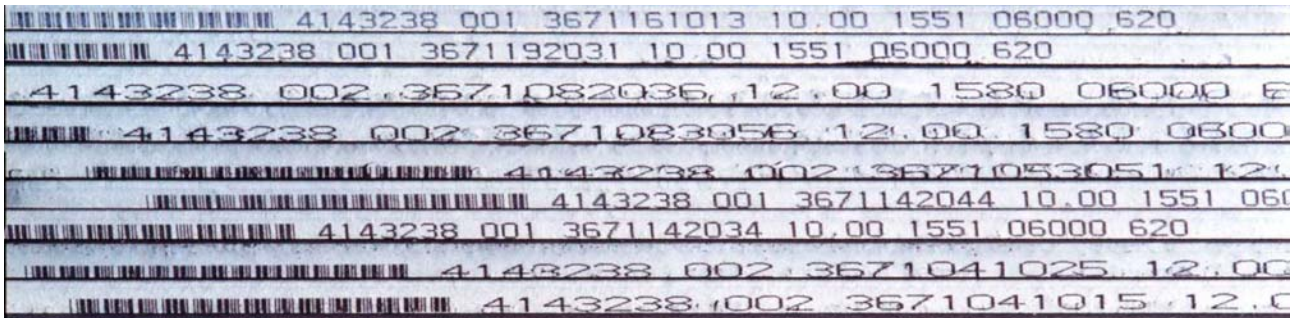
An XYZ guide arrangement mounted on a steel support structure is used for correct positioning of the ink-jet in relation to the edge to be marked.

For functional control, the Edge Marker comprises a PLC and a special driver for the ink-jet. Marking data is originated at customer' host computer and is then downloaded to the PLC of the edge marker.



Ink-jet and spray gun arrangement

The Edge Marker shown above is exhibited at METEC 2003. MAGNEMAG has already more than 10 international references within Edge Marking.



CHARACTERISTICS

CHARACTER TYPE:	Alphanumeric, barcode and special characters incl. logos
CHARACTER HEIGHT:	3,3 - 9.5 mm
CHARACTER/ BARCODE LENGTH:	400 mm
RIBBON MARKING:	Air atomizing spray gun
WHITE RIBBON DIMENSION:	approx. 400 mm long and 15 mm wide
TEMP. OF MATERIAL:	-10°C to 300°C
STANDARD MARKING:	1 line of 30 alphanumeric characters and 1 bar code corresponding to 16 digits - if only alphanumerical characters are required: 160 characters can be marked in 5x7 matrix 80 characters can be marked in 10x16 matrix 50 characters can be marked in 16x24 matrix
SUITABLE FOR:	Plates, profiles and small diameter pipes

FEATURES

Precise and fast positioning, as ink-jet is mounted on a XYZ guide arrangement

Marking of thin plates, down to 4,5 mm plates due to precise positioning control

Clear legible characters, as black ink characters are marked on a white ribbon

Flexibility, as edge marking may be incorporated with paint and punch marking solutions

Low maintenance costs, as auto-cleaning is provided for the ink-jet and the spray gun

Please contact us for further details.

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