

CHARACTER SIZE FROM 12 TO 25 MM

GOOD READABILITY THANKS TO UNMISTAKEABLE CHARACTER DESIGN

TECHNICAL CHARACTERISTICS

New technology based on proven NUMTEC-INTERSTAHL RH stamping technology. Automatic marking of machine-readable codes on your products. Optimal stamping technology for high reliability with quick and easy maintenance. Forced air cooling to maintain low ambient temperatures within the stamping unit.

ECONOMICAL AND TECHNICAL BENEFITS

Automatic reading of your product during all subsequent production steps. Fully automatic central product identification before the rolling mill process.

Combination of man-readable characters and code makes both human reading and automatic product scanning possible.

TECHNICAL DESIGN

Machine frame is a robust fabricated construction, maintenance-free linear guide rails, electric drives with servo motors.

Control systems (standard Siemens S7 PLC) with standard interface to plant equipment, fault diagnosis systems.

Robust and reliable reading systems designed to function in harsh steel plant environments.

OPTIONS

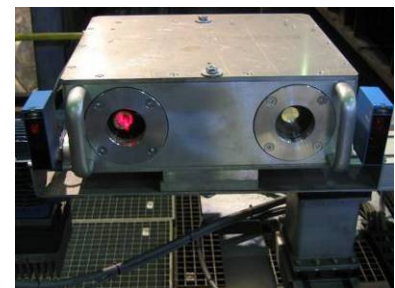
- Product edge detection
- Other control systems (Allen Bradley, etc.)



Revolving Head Bar Code Stamping Machine



RHBC Marking



Fixed Code Scanner



*Handheld Scanner
MLS2010*

TECHNICAL DATA

Usual applications	Continuously cast and mill products (slabs, blooms and billets)
Temperature range of product	700 °C – 1,000 °C
Type of mark	Alphanumeric and code, stamped

MARKING DATA

Character size	12 – 25 mm
Number of lines	2 – 3
Code size	One or two lines, depending on code format
Typical marking cycle time (numbers only)	Approx. 12 sec for 10 characters in one line
Typical marking cycle time (numbers and code)	Approx. 30 sec for 10 characters 2 liner code

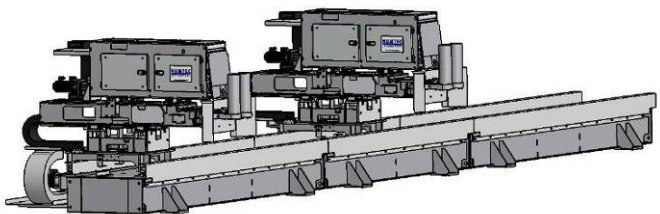
ELECTRICAL

Mains supply	3 x 400 V, 50 Hz (other voltages also possible)
Power consumption	Approx. 7 kVA
Control voltage	24 VDC

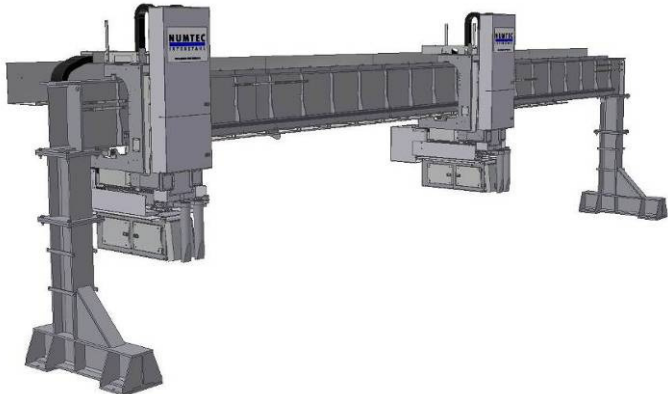
PNEUMATIC

Compressed air	Filtered and drained
Pressure	Min. 5 bar
Consumption (flow rate)	Max. 0.3 Nm ³ /min

MACHINE TYPES



Revolving Head Bar Code Stamping Machine Floor Type



Revolving Head Bar Code Stamping Machine Bridge Type