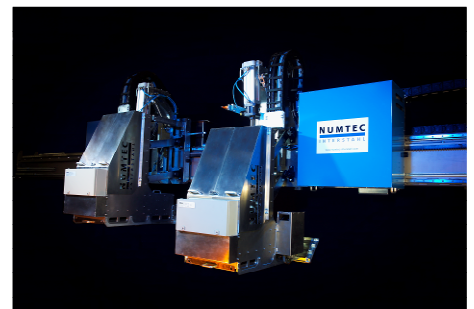


CHARACTERS AND LOGOS POSSIBLE

CHARACTER SIZE FROM 40 TO 200 MM

HIGH-TEMPERATURE MARKING



*Dot Paint Marking Machine
Bridge Version*

TECHNICAL CHARACTERISTICS

Marking heads for high performance, even in the harsh environment of steel plants. Forced air cooling to maintain low ambient temperatures within the marking unit. System based on paint marking with 7/9-nozzle marking sections. Marking equipment can be combined with all NUMTEC-INTERSTAHL base machines. Available as stand-alone machine or in combination with MX needle marker.



*Dot Paint Marking Machine
Robot Version*

ECONOMICAL AND TECHNICAL BENEFITS

Variable character size. Extremely short marking cycles, company logos beneath alphanumeric characters also possible. Large characters, highly visible marking, even from a distance, i.e. using a crane leader.

Alternative to Hot Spray Marker, Metal Powder Marker for strand cast products.

TECHNICAL DESIGN

Equipment is manufactured using standardised modules, either combined with linear modules or industrial robots, resulting in high reliability and low maintenance of equipment. Control systems (standard Siemens S7 PLC) with standard interfaces to plant equipment and fault diagnosis system.



DP Marking

OPTIONS

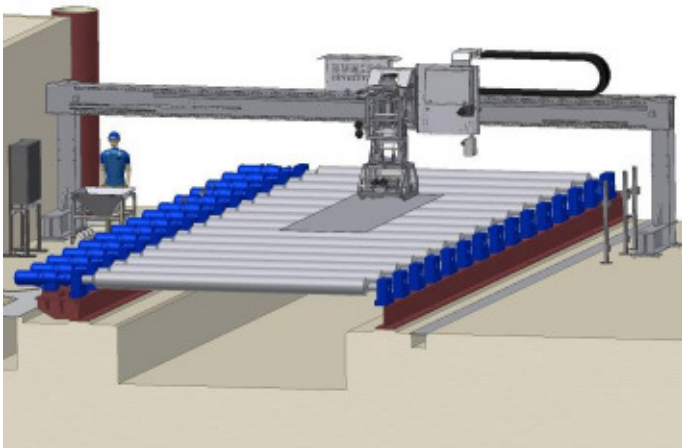
- Air processing unit with refrigerator dryer
- Heat protection housing
- Air compressor with air processing unit
- Other control systems (Allen Bradley, etc.)



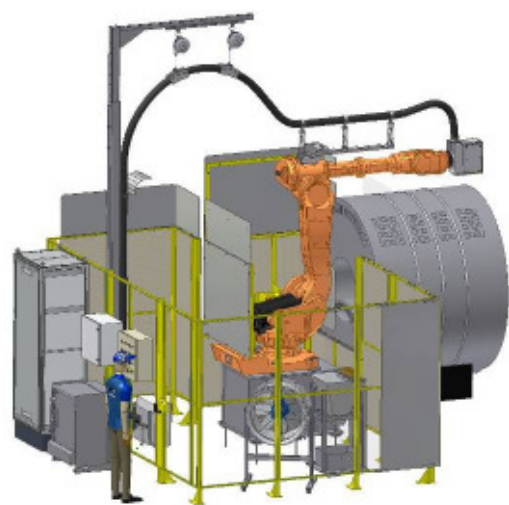
DP Marking

TECHNICAL DATA	
Usual applications	Plates, coils, tubes, sections, slabs, blooms and billets
Temperature range of product	Up to 1,100 °C
Type of mark	White
MARKING DATA	
Character size (7-nozzlehead)	40 – 150 (200) mm
Number of characters and lines	On request
ELECTRICAL	
Mains supply	3 x 400 V, 50 Hz (other voltages also possible)
Power consumption	Approx. 10 kVA
Control voltage	24 VDC
PNEUMATIC	
Compressed air	Filtered and drained
Pressure	Min. 6 bar
Consumption	Max. 1.2 Nm ³ /min during marking process
CONSUMABLES	
Paint	Water based for 'hot products' (<1,100 °C) Solvent based for 'cold products' (-5 °C - ~200 °C)

MACHINE TYPES



Dot Paint Marking Machine Bridge Version



Dot Paint Marking Machine Robot Version