

PAINT SLAB MARKER

The continuous writing coil marker (applicable for hot as well as cold coil purposes) has been designed around a standard robot for extreme mechanical reliability and high speed marking. Robots are in operation at numerous steel plants for many years and have proven to be reliable in tough conditions.

The slab marker is based upon a heat protected Single Nozzle paint marker with descaling device. The robot in combination with this paint spray system is used for marking relative "hot" products with surface temperatures up to 900°C.

The slab marker measures the position of the slab on the roller table and writes the characters in a line on the side of the slab.



Features

- Full automatic marking
- No intermediate cleaning by blowing solvent in the open air between each marking cycle
- Flexible operation by using a standard robot
- Free programmable
- Non toxic, non-clogging paint
- Paint level indication and warning
- Easy installation integration in existing and new production lines
- Low maintenance costs



Standard Specification Slab Marker

- Measuring time	10 sec.
- De-scaling time	10 sec.
- Character writing time	1.0 sec. per character
- Slab width	min. 60 mm
- Control	Robot control + S7 3xx PLC
- Communication	Ethernet/Profibus DP
- Communication protocol	Any standard
- Max. slab surface temperature	900 °C
- Paint colour	White
- Character height	50 to 120 mm depending on slab height
- Overall height	2,250 mm
- Overall length	3,200 mm
- Overall depth	2,700 mm
- Power consumption	14,0 kW
- Supply voltage	any standard

Additional Options

- Heat Proof Label attachment
- PC in the operator pulpit
- Traverse system (to move the robot in between two production lines)
- Other PLC make and types are possible

