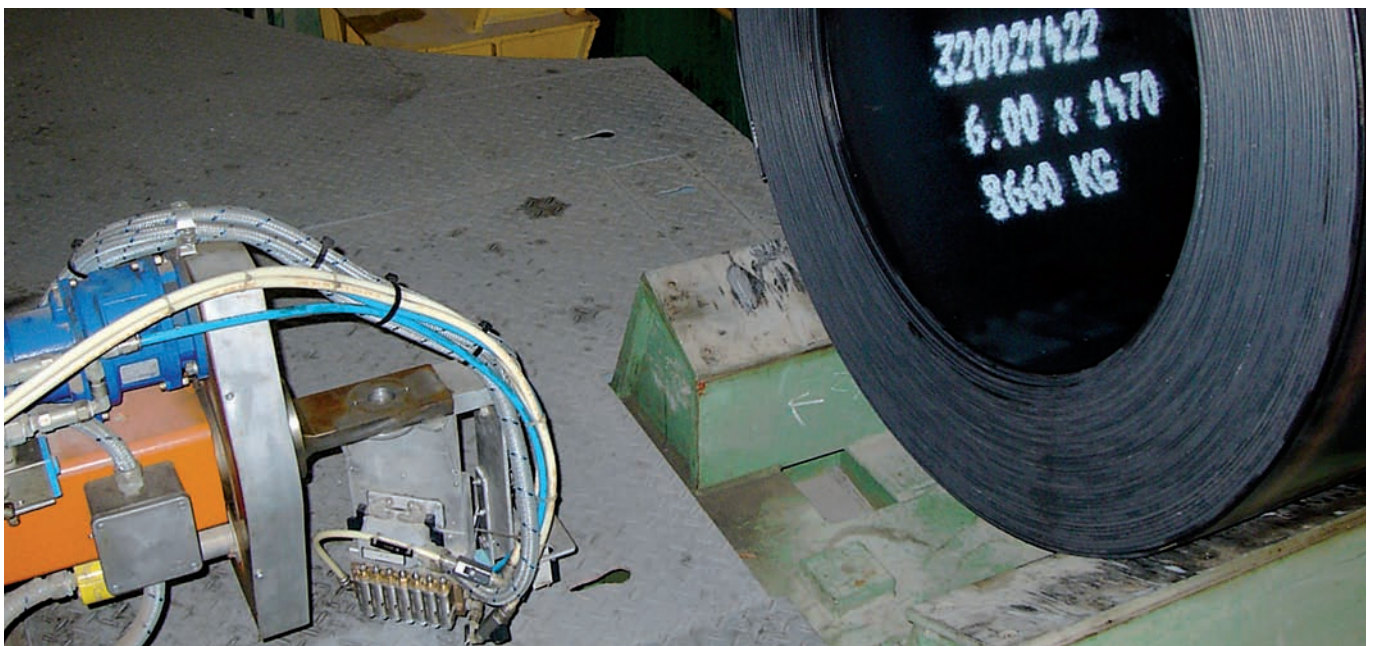


Tema Multi for Coils Inner Eye

Green Project offers a unique solution (thanks to the small dimension of TEMA Multi marking head) capable to mark characters inside the coil eye.

Main Marking Features

- Cold and Hot application up to 750 °C
- Coil orientation: horizontal axis perpendicular to coil transport
- Marking position: on the inner surface along the coil axis or circumferential
- Symbols: letters, numbers, special characters (logos), Data Matrix code
- Height of symbols from 28 mm to 100 mm, in one or more lines.
- Font based on dot matrix: 7, 9 or 12 dots in height



System configuration

- Machine structure (standard or robot based)
- One TEMA Multi marking head
- Paint preparation cabinet (including circuit for paint recirculation)
- Pneumatic cabinet
- Automatic cleaning system
- Power and control cabinet
- Control desk with HMI

Functional features

Automatic coil axis detecting and adapting to different coil dimension
 Marking along coil axis and circumferential with the same marking head
 Many parameters can be adjusted / selected by the operator via Control Unit, f.i.:

- Dot dimension (4 - 12 mm, automatically adjusted to coil temperature)
- Characters dimension (width, compression, height)

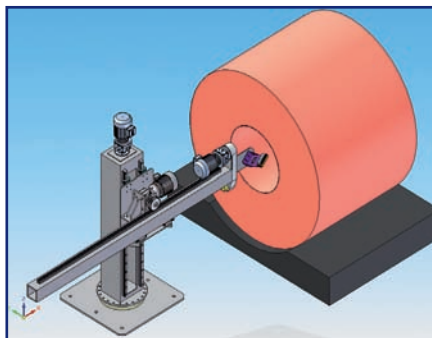
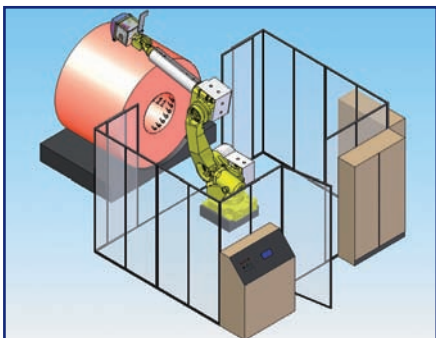
Host connection (Ethernet, Profibus or other common industrial fieldbus)

Optional function

- Tools for editing fonts and modifying parameters
- Automatic detection of end wrap radial position

Paint / Ink features

Type:
 cold: paint (solvent or alcohol base), ink (MEK or alcohol base)
 hot: paint (solvent base)
Colour: white (other colours available for cold applications)
Consumption: approx.10 g for 1000 dots (about 60 chars 70mm high)



Certif. n° 1235/98



Certif. n° EMS-1724/S

