

# PUMA HAMMER FOR SLABS

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PUMA Hammer is an heavy duty punching system capable to mark characters on the surface of slabs defined by series of segments deeply indented in the metal surface.

Segments are sequentially indented, moving and rotating a single hard metal chisel at high speed; this assures a better penetration of the single segments which form the character even on irregular surfaces differently from systems which punch a whole character in a single shot.

The system assures excellent reliability and permanent marking even in worst storage conditions.

## **Main Marking Features**

Hot application up to 1200 °C

Marking position: on the front or side surface

One or more lines, min. character height 40 mm

Symbols: letters, numbers, special characters (logos)

Standard or OCR fonts

## **System configuration**

Machine structure (with one or more marking heads) available in various configuration:

- Bridge with single or multiple mobile carriages (across the CC exit line)
- Ground basement with single or multiple mobile carriage (at the end of CC exit line)

Integrated cooling system

Pneumatic cabinet

Thermal protection

Power and control cabinet

Control desk with HMI



### Functional features :

Automatic detection of product dimension and position (centering device)

Many parameters can be adjusted / selected by the operator via Control Unit, f.i.:

Characters dimension (fonts, width, height)

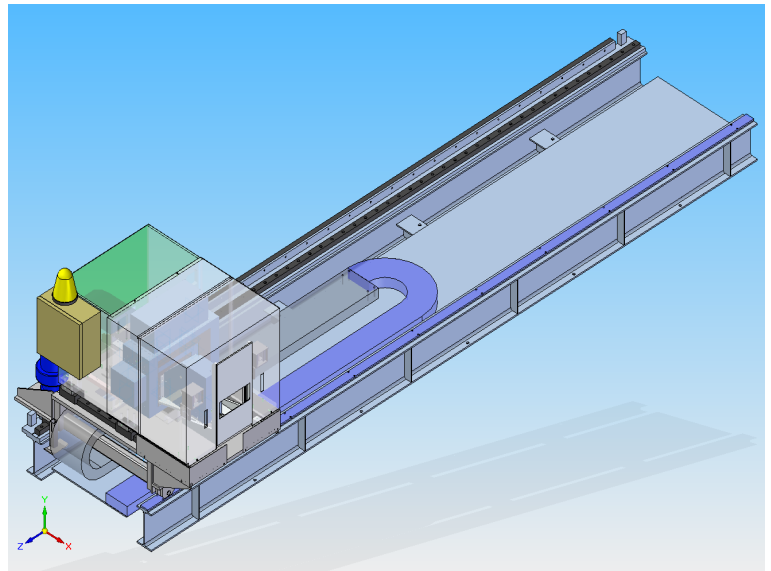
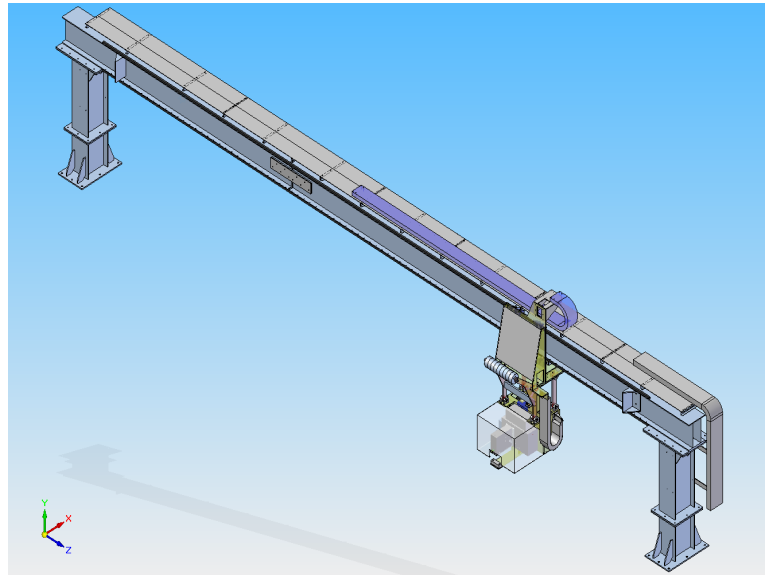
Host connection (Ethernet, Profibus or other common industrial fieldbus)

### Optional functions :

Special package for stainless steel

Special package for reverse marking

Marking a *Bar* code readable by our AURS for Hammer system (combined marking / reading function to achieve automatic tracking of products)



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