

# Plates MARKING TECHNOLOGY



# HOT ROLLED PLATE MARKING

- ▶ Temperature of the plates: up to 900°C.
- ▶ Static and on-the-fly robotic marking.
- ▶ One single spray head (10 or 16 nozzles) for reduced maintenance.
- ▶ Long robot reach (3,9 m) to stay out of the line when not marking.
- ▶ Character height: 40 to 150 mm adjustable.
- ▶ Multiple lines (Example: 20 lines x 50 character each).
- ▶ Alphanumeric, Logos and 2D codes.
- ▶ Freely programmable robotic movements.
- ▶ Fast cycle times.



900°C



LONG ROBOT REACH



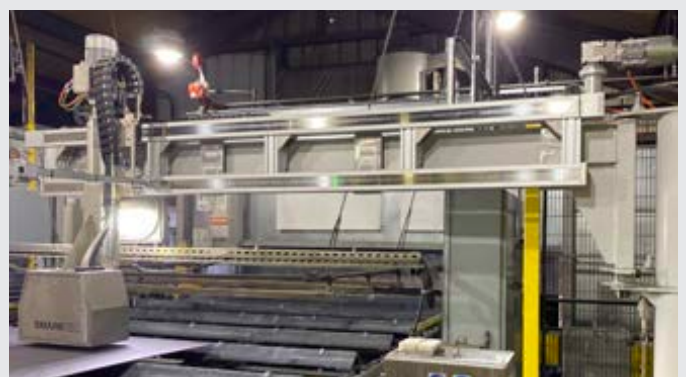
## MULTIPLE HEAD PLATE MARKING

- ▶ Multiple line marking at slitting lines.
- ▶ Text, logos and 2D codes.
- ▶ Printing speed up to 600 m/min.
- ▶ Multiple color inks.
- ▶ IP65 Heavy duty construction.
- ▶ Jib crane & gantry type constructions.



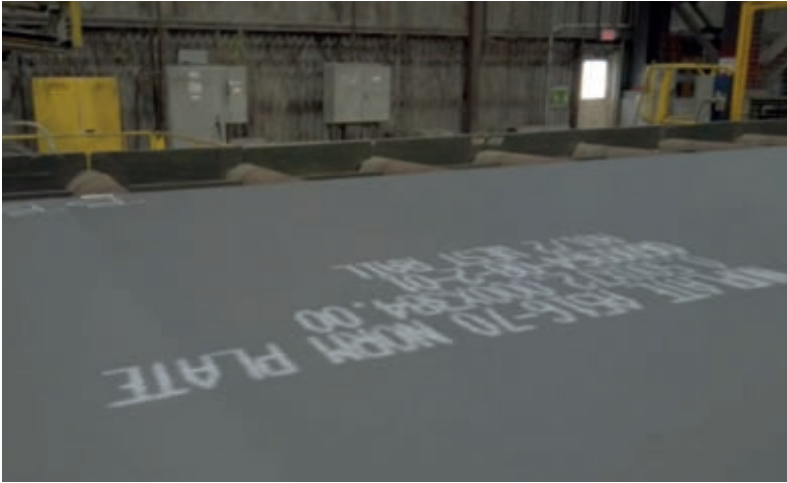
## COATED PLATE MARKING

- ▶ Servo controlled movements to avoid contact with coated surface.
- ▶ Laser measurement to control printing distance.
- ▶ Pigmented ink supply with auto-flushing function.
- ▶ Automatic cleaning station.
- ▶ Swingable Jib crane for line maintenance accessibility.



# Plates MARKING TECHNOLOGY

## PLATE STENCIL



- ▶ Hi visible matrix type characters.
- ▶ Alphanumeric, Logos and 2D codes.
- ▶ Temperature of the plates: up to 900°C.
- ▶ Hi resistant marks to abrasion.
- ▶ Long lasting marks in outdoors stocking.



900°C



HI-RESISTANCE  
TO ABRASION

## PLATE EDGE MARKING



- ▶ Hi visible white spray-painted background.
- ▶ Laser Marking Hi resolution & contrast.
- ▶ Temperature of the plates: up to 900°C.
- ▶ IP67 - Water cooled Laser marker.
- ▶ Character height: 2 to 35 mm.
- ▶ Alphanumeric, Logos & barcodes.
- ▶ Hi resistant marks to abrasion.
- ▶ Long lasting marks in outdoors stocking.



900°C



HI-RESISTANCE  
TO ABRASION



WATER  
COOLED

## PLATE PUNCH MARKING



- ▶ One single peen Marking unit.
- ▶ Up to 7,5 characters / sec.
- ▶ Marking window: 160 x 100 mm.
- ▶ Multiple line marking.
- ▶ Alphanumeric, Logos and 2D codes.
- ▶ Temperature of the plates: up to 900°C.
- ▶ Water cooled.
- ▶ Kevlar textile protection.



900°C



WATER  
COOLED



More than  
2500 customers



Innovative vocation



A strong sales engineers team specialized in  
marking and coding solutions



Engineering department with more  
than 30 years of experience



Industry  
4.0 reference

Erregeioana, 2A-2B  
20305 Irun - Spain

+34 943 631 577  
info@smarktec.com

[www.smarktec.com](http://www.smarktec.com)

