

## SMARKLase – MULTIPLE BAR MARKING STATION



### SYSTEM REQUIREMENTS

- High Resolution Direct part Marking
- Fast Marking cycles (18 bars / 10 seconds)
- Datamatrix codes & alphanumeric Texts
- Automatic detection of the number of bars to mark
- Automatic detection of the diameters
- Automatic detection of the bars position on the conveyor
- Automatic verification of the Datamatrix codes after every print

### SYSTEM DESCRIPTION

**Mechanically Integrated at the exit of the rolling mill**

**The equipment incorporates:**

- A painting system for the White coating of the hot bars
- A multiple Laser unit to cover the total width of the bars layer (1m aprox)
- A Vision system for the automatic positioning of the marks on the products, as well as for the later Datamatrix verification
- Water cooling system for the lasers

## MAIN ADVANTAGES



### Bar Direct Marking

- Tag-like quality marks directly on the face of the bars
- No tags falling apart
- High mark visibility



### Datamatrix Marking

- For automatic data capturing
- Traceability consistency
- Inventory easiness



### User Friendly

- Marking from the side of the cooling bed
- Easy Access for maintenance purposes

### Automatic bar positioning system