






5 solutions for ...

... measuring Tracks



| Picture | Installation Type | Description | Product Name | max speed |
|--|-------------------|--|--|-----------|
|  | Portable | Portable device for immediate and quick measurements of tracks parameters in discrete positions along the line. The laser head measures automatically and quickly tracks profile and gauge. | TRACK-P1 P = portable 1 = 1 laser head | 0 km/h |
|  | Trolley | Portable Trolley for continuous measurement of tracks parameters. The laser heads automatically measure profile, gauge and geometrical parameters of tracks related to kilometeric position along the line. | TRACK-T2 T = trolley 2 = 2 laser heads | 4 km/h |
|  | Trolley | Portable Trolley for continuous measuring of tracks switches parameters. | TRACK-TS2 T = trolley S = switches 2 = 2 laser heads | 4 km/h |
|  | Vehicle | On Vehicle equipment installable under the vehicle for contactless detection and measure of tracks profile, gauge and geometrical parameters. <i>Composed by 2 laser heads and a inertial platform.</i> | TRACK-V2 V = vehicle 2 = 2 laser heads | 360 km/h |
|  | Vehicle | On Vehicle equipment installable under the vehicle for contactless detection and measure of tracks profile, gauge and geometrical parameters. <i>Composed by 6 laser heads.</i> | TRACK-V6 V = vehicle 6 = 6 laser heads | 360 km/h |



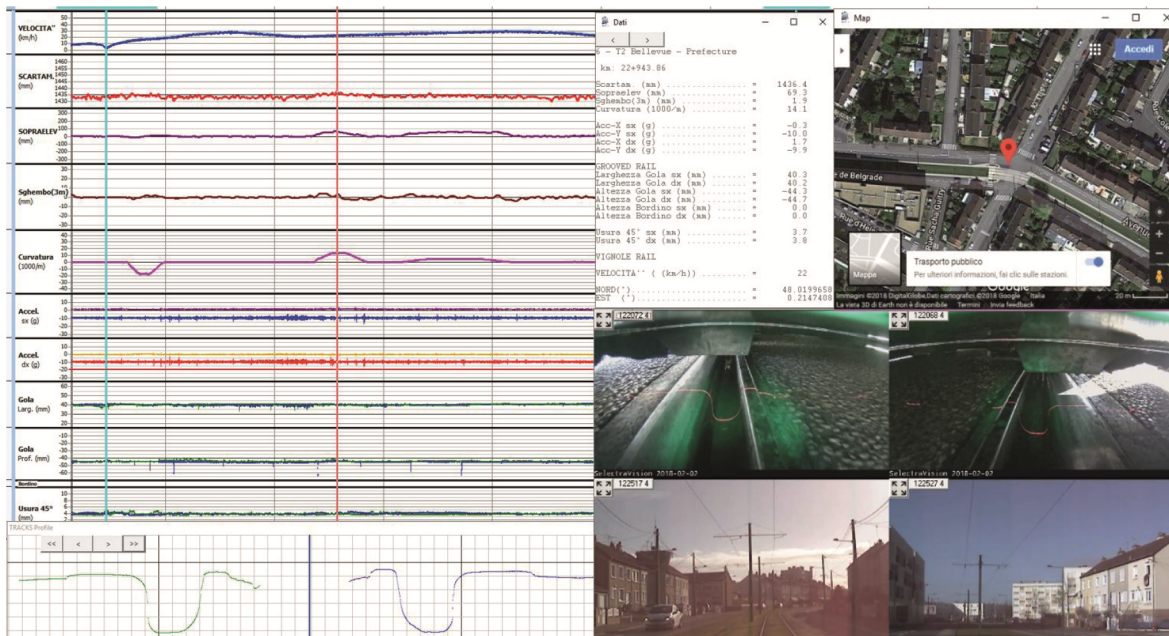
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measuring Tracks

Tracks diagnostic and measuring equipments

Software



measured Parameters

- = included
- = optional

| | Track-P1 | Track-T2 | Track-TS2 | Track-V2 | Track-V6 |
|--|--------------------------|------------------------------------|--|-----------------------------|-----------------------------|
| | Portable 1 laser head | on manual Trolley 2 laser heads | on manual Trolley Switches 2 laser heads | on Vehicle 2 laser heads | on Vehicle 6 laser heads |
| max speed | 0 km/h | 4 km/h | 4 km/h | 360 km/h | 360 km/h |
| Gauge | ● | ● | ● | ● | ● |
| Cant level | | ● | ● | ● | ● |
| Twist | | ● | ● | ● | ● |
| Alignment left & right | | | | ● | ● |
| Longitudinal level left & right | | | | ● | ● |
| Track profile | ● | ● | ● | ● | ● |
| Horizontal wear | ● | ● | ● | ● | ● |
| Vertical wear | ● | ● | ● | ● | ● |
| 45°wear | ● | ● | ● | ● | ● |
| gps position | ● | ● | ● | ● | ● |
| kilometric chainage | | ● | ● | ● | ● |
| Switches parameters | | | ● | | |
| Video of tracks | | | | ● | ● |
| Video of Panorama | | | | ● | ● |
| Accelerometers | | | | ● | ● |
| Excel exportation | ● | ● | ● | ● | ● |
| Pole's position and distance from tracks | ● | ● | ● | ● | ● |

