



TRACKSCAN PROFILE

**SUPERVISE AND MONITOR YOUR
TRACK LIKE NEVER BEFORE**

Goldschmidt's Trackscan Profile is the evolution of the Trackscan Compact. It does not only measure track geometry but also railway and tramway rail head profiles as well as being able to record results of visual track inspections.

TECHNICAL DATA

SPECIFICATIONS

Dimensions (L x W x H)	1,300 x 870 x 1,850 mm / 51.2 x 34.3 x 72.8 in
Weight	35.0 kg / 77.2 lbs
Measuring increment	0.25 m; 0.5 m / 9.8 in; 19.7 in
Gauge (measured)	Accuracy: ± 0.5 mm / ± 0.02 in, Resolution: 0.1 mm / 0.004 in, Measurement range: -15 ... +50 mm / -0.59 ... +1.97 in
Cant (measured)	Accuracy: ± 1.5 mm / ± 0.06 in, Resolution: 0.1mm / 0.004 in, Measurement range: ± 200 mm / ± 7.87 in
Twist (calculated)	Accuracy: ± 3.0 mm / ± 0.12 in, Resolution: 0.1 mm / 0.004 in, Measurement range: ± 200 mm / ± 7.87 in
Gradient (calculated)	Accuracy: ± 1.0 mm / ± 0.04 in, Resolution: 0.1 mm / 0.004 in, Measurement range: 0 ... 65 mm / 0 ... 2.56 in
Horizontal irregularities (extrapolated)	Accuracy: ± 0.2 mm / 1 m / ± 0.01 / 39.4 in, Resolution: 0.1 mm / 0.004 in, Measurement range: ± 5 mm / ± 0.20 in
Vertical irregularities (extrapolated)	Accuracy: ± 0.2 mm / 1 m / ± 0.01 / 39.4 in, Resolution: 0.1 mm / 0.004 in, Measurement range: ± 2.0 mm / ± 0.08 in
Rail cross-profile (measured)	Accuracy: ± 0.3 mm / ± 0.01 in, Resolution: 0.1 mm / 0.004 in, Rail head profile: left and right

BENEFITS

- Laser measurement heads enable accurate measurement of rail profiles and determination of rail head wear parameters
- Reliable measurement data acquisition and transfer via USB pen drive
- Flexible, custom-made software, export of measured track geometry data to documents in Excel, Word, PDF, DXF, and CSV formats
- Single-man operation and fast removal from the track
- Hot-swappable batteries - charged batteries at hand enable unlimited operating time

SCOPE OF DELIVERY

- Trackscan Profile, incl. 2 batteries
- 2 add. batteries
- Charger for the batteries
- Transport box
- Charger for the control unit
- PC software GeoTEC, 1 licence
- Boxes for storing and transporting laser head

