

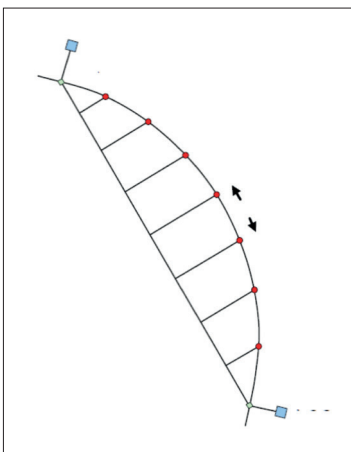
# GEDO CE 1.0

GEDO CE in the Vorsys version (abbreviated to: GEDO Vorsys) is a track measuring system with which the deviation of a track from the nominal position (axle, gradient, cant, gauge) can be recorded.

It was specially developed for use in supplying tamping machines with correction data. The collected geometric data can be further processed with the GEDO Tamp programme into a control file for the tamping machines of all leading manufacturers.



GEDO Vorsys consists of two GEDO CE track measurement trolleys, one equipped with a tachymeter (tachymeter trolley) and the other with a reflector (prism trolley).



GEDO Vorsys is a line-based measuring method in which deviations in longitudinal and transverse direction (arrow heights) are measured relative to a defined chord and compared with default values.

The chord must be defined at the beginning of each measurement over an existing fixed point field by comparing the actual with the nominal position at the end points of the chord over the respective fixed points.

The differences from the arrow height measurement are displayed online to the user in the field and stored for further processing.

In addition to this information, track gauge and cant are also documented and main points of the path are displayed.

POWER	up to 1,400 m/h up to 2,500 m/h in kinematic mode
MEASURING SPEED	1 Hz (stop & go mode) 10 Hz (kinematic mode S8)
SYSTEM ACCURACY	±0,3mm