

» HIGHLY EFFICIENT AND PRECISE TUNNEL EXCAVATION GIVING INCREASED COMPETITIVENESS

TMS Software offers the most efficient tunnel surveying solution available. During the design and construction phase of the excavation project, TMS together with the MS50 laser scanning total station survey instrument provides you with the tools to work safely, accurately and quickly.

Automated, real-time profile reports evaluate the excavation surface whilst in-situ and assist the site team to make important decisions in minutes.

WHAT COULD THIS MEAN FOR YOUR ORGANISATION

Significantly lower costs of tunnel construction

Recent case studies show that productivity can be increased up to 10 times. Precise measurements taken at the face minimise over / underbreak and the associated re-working.

A safer work environment

Using reflectorless laser technology, measurements are taken from outside the unsupported excavation face. The correct profile and thickness of supporting material is achieved, reducing risk of collapse.

Increased standard of quality

The TMS software and MS50 instrument ensure the design profile is mined and any tight spots identified at an early stage.

Reduction in re-work

Increase your chances of getting things 'right first time' by minimising human error. Changes to design are easily made and can be uploaded across a range of survey instrumentation.



Improved record keeping

High speed 3D asbuilt documentation showing geological profile, thickness verifications, surface deformations, volume calculations and tunnel profile checks.

Contact our Innovations Team today to discover what TMS Tunnel Surveying Solutions could mean for your organisation.

CONTACT

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ENGINEERING TOMORROW...TODAY

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