



Tunnel Scan

The TUNNEL SCAN system improves the maintenance capabilities to a new magnitude of information quality and completeness.

The **TS** is the top of technology on tunnel scan diagnostic system. It can scan tunnels with 1mm resolution on longitudinal and transversal direction up to 60Km/h. The entire wall can be captured in only one pass.

The necessary **LIGHTING SYSTEM**, designed and produced by ADTS, is composed of 16 LED bar lights powered and disposed along the vehicle shaped in order to obtain sharp & bright images even at high speeds.



Tunnel Scan System (TS) uses multiple high-speed linear cameras and laser scanner to acquire 2D images and high resolution 3D profiles of tunnel wall.



Description

Max Speed	up to 60 km/h
SamplingStep	1mm
LED Light	1600W
Vision System	18000 pixel
Max target distance	9m
Profiler	Yes
Defect Measurement	Yes
Defect Report	Yes

