

TUNNELFOX®

THE PREFERRED CHOICE FOR RAIL INSPECTION



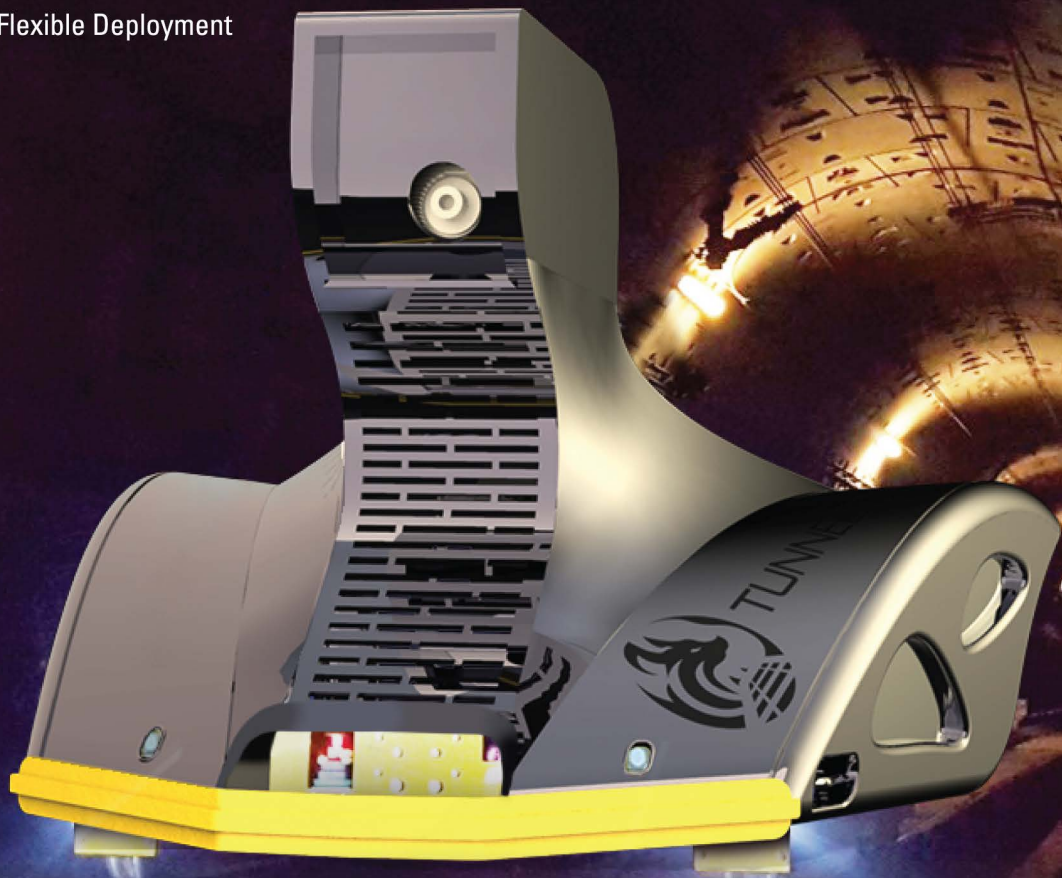
First in Asia



Fully Autonomous



Flexible Deployment





Rapid Deployment
Quick assembly within 15 mins



Multi-Functional
Modular & customisable

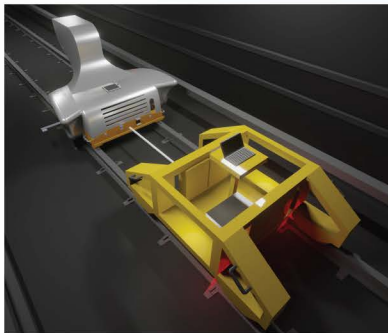


Autonomous Operation
Enhances inspection efficiency



Assured Safety
2-level safety detection

Track Variant



- Measure track profiling using laser technology
- Detect surface defects and missing components with imaging technology
- Detect track head flaws using ultrasound technology

Tunnel Variant

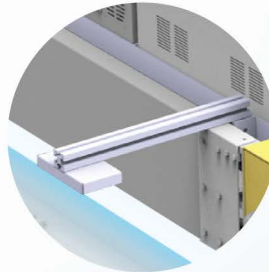


- Detect cracks using visual imaging technology
- Detect tunnel dampness using thermal imaging technology
- Measure crack propagation for condition monitoring

Customised Payload



Measure 3rd rail alignment profile using laser technology



Measure signal quality using radio beacons



Detect bolt cracks using ultrasound technology

PRODUCT SPECIFICATIONS

Tow up to 700kg of payload	Bespoke gauges
Modular weight <50kg	Bi-directional
Operating speed up to 16km/h	Weather-resistant
Continuous operation up to 4 hours	Self-navigation

