HG

# HighwayGuard®

Our next generation workzone barrier
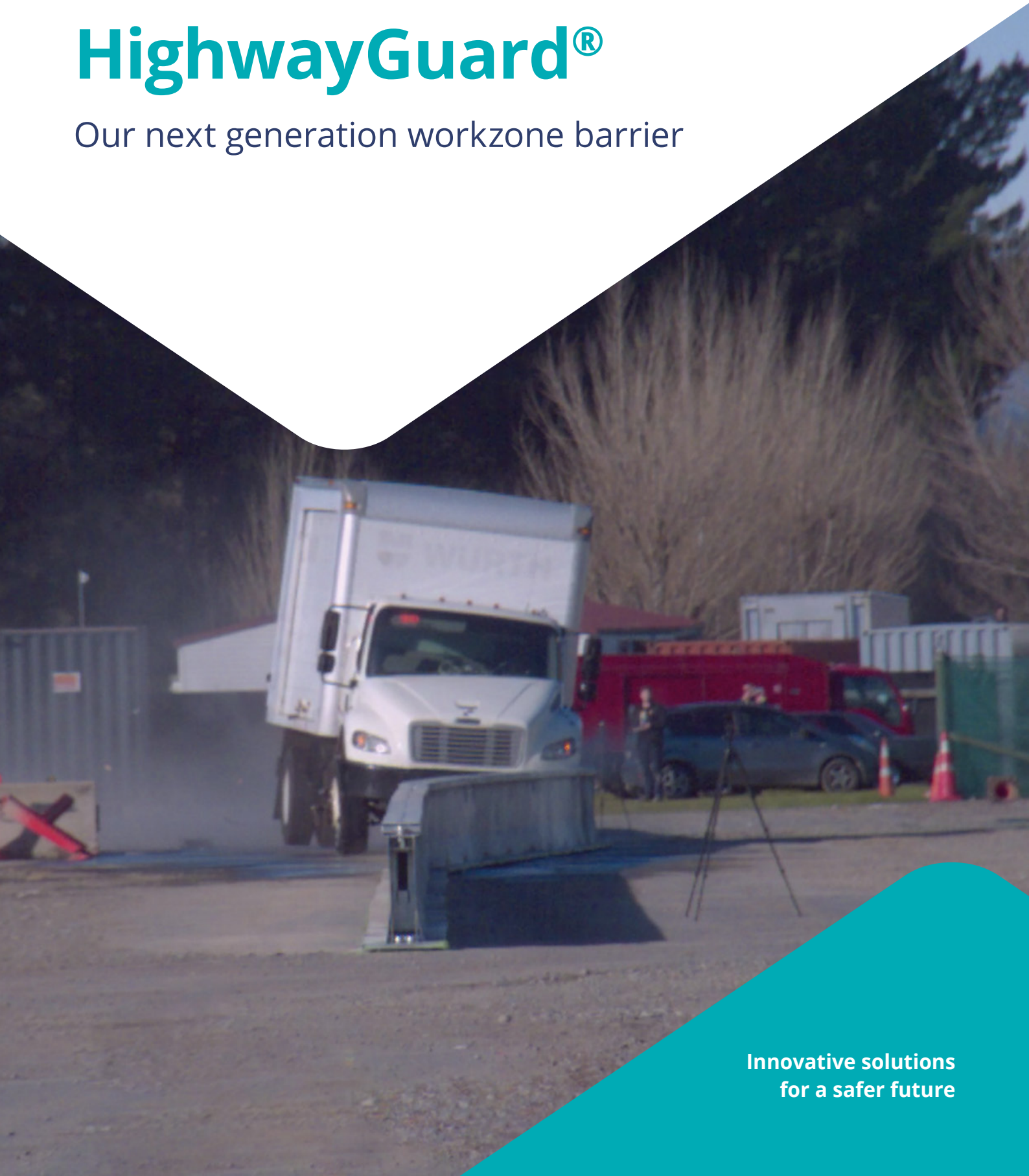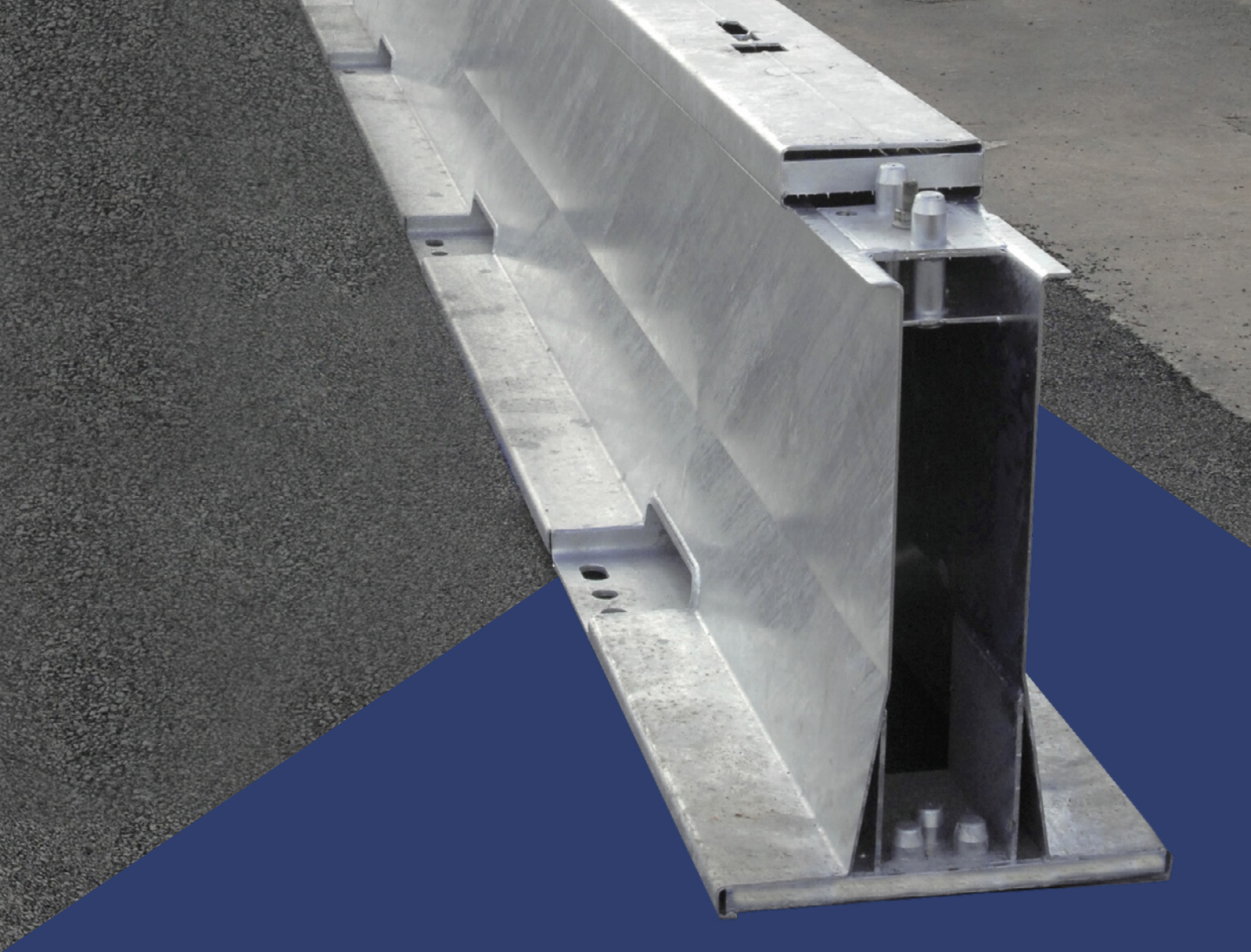
**HighwayGuard®** is the latest in innovative, portable workzone barrier technology. Developed with usability, efficiency and simplicity at its forefront.

A single truck, trailer mounted crane or excavator and crew can connect sections in less than 30 seconds, saving time and manpower.

Symmetrical barrier sections with universal T-connector allows any section to connect to another, in either direction, significantly lowering installation time, operational costs and reducing inventory.

Installing optional wheel sets gives you the operational flexibility to create multiple openings that can be opened and closed by hand in minutes.

# Why HighwayGuard®?

## Tested and compliant to MASH 16 TL-3 & TL-4

### Quick installation
Two-part system of unique T-connector and barrier for rapid connection and disconnection

### Testing standards
Connect to your existing MASH compliant BG800

### Simplified design
Integrated anchoring and limited componentry

### Narrow profile
A section width as small as 0.25m (9¹³⁄₁₆") up to a maximum width across the trafficable foot of 0.54m (21¼")

### Low deflection
Limited (LDS) or Minimum (MDS) Deflection Systems for restricted work space environments

### Lower transport costs
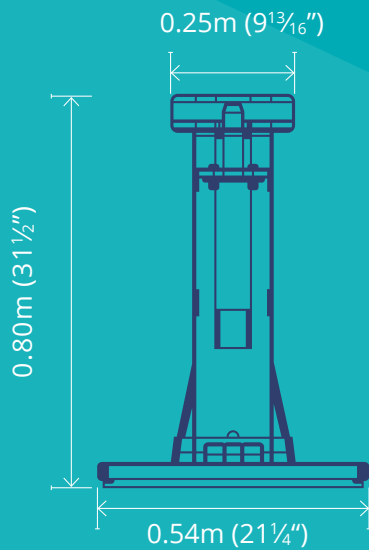Up to 252m (827ft) transported per truck

### Long life cycle
20+ years useable lifespan, maximising asset value

### Locally & Regionally manufactured options
Reducing delivery lead times and supporting local industry

# Technical specification

0.25m (9¹³⁄₁₆")

0.80m (31½")

0.54m (21¼")

**Module Length:** 6.00m (19.68 ft)
**Module Weight:** 552kg (1217lb)
**T-Connector:** 43kg (95lb)
**System Weight:** 99kg/m (62lb/ft)

| Product | Test Level (MASH) | Vehicle Class | Impact Speed | Impact Angle | Dynamic Deflection | |
|---|---|---|---|---|---|---|
| | | | | | ft | m |
| HighwayGuard MDS | TL3-11 | 2270p | 62 mph | 25° | 0' 1" | 0.03 |
| HighwayGuard LDS | TL3-11 | 2270p | 62 mph | 25° | 2' 3" | 0.68 |
| | TL4-12 | 10000s | 56 mph | 15° | 2' 7" | 0.79 |
| HighwayGuard SDS | TL3-11 | 2270p | 62 mph | 25° | 6' 4" | 1.93 |
| | TL4-12 | 10000s | 56 mph | 15° | 7' 1" | 2.16 |

Patent pending T-Connector allows you to install, remove and even separate in either direction.