

Rail Height Adjustment for Ezy-Guard®

AN ADVANCED ENGINEERING SOLUTION
FROM INGAL CIVIL PRODUCTS

The Ezy-Lift® Carriage
is an innovative height
adjustment carriage to
ensure a compliant barrier
height after the road has
been overlayed.

How it Works

For existing Ezy-Guard installations where the road surface has been overlayed or resurfaced, resulting in the barrier height being outside of the installation tolerance, the Ezy-Lift carriage is available to bring the W-Beam back to the appropriate height.

The carriage gives the option to lift the W-Beam by +50, +100, +150 and +180mm.

There is no need to reinstall new road safety barriers after resurfacing, meaning a cost effective solution with minimal road closure time. The Ezy-Lift Carriage can be easily retrofitted in the field and uses the same reliable and proven technology of the Ezy-Guard Smart road safety barrier, maintaining your MASH TL-3 containment level.



Features & Benefits

- Fully tested & compliant system for peace of mind
- Compatible with MASH TL3 Ezy-Guard Smart and NCHRP-350 TL4 Ezy-Guard 4
- Uses same easy-to-install system as the reliable and proven Ezy-Guard Smart
- Option to lift the W-Beam by +50, +100, +150 and +180mm
- Retrofit to existing barriers after resurfacing
- No need to reinstall new road safety barriers
- Consistent high performance

Roadside Safety Barrier

THE GOLD STANDARD
IN ROADSIDE SAFETY BARRIERS

Providing superior design, rapid installation, superior motorist safety and more metres of barrier for your dollar.

Consideration for Vulnerable Road Users

The supporting Z-posts contain smooth, rounded post edges and corners. In addition, the revolutionary design of Ezy-Guard Smart shields the top of the support Z-posts by positioning the top of the rail above the posts. This eliminates a dangerous snag point and is a significant safety benefit compared to existing safety barrier designs.



Ezy-Guard Smart Z-Post Length	1,600mm
Ezy-Guard Smart Z-Post Mass	12.3kg
Ezy-Guard Smart System Mass	18.6kg per metre
Rail Height Above Ground	730mm
Z-Post Height Above Ground	720mm
Post Spacing:	2,000mm
Ezy-Guard Smart System Width:	200mm
MASH TL3 Crash Test Deflection:	1.65m

Features & Benefits

- **Safer:** Fully compliant to MASH TL3.
- **High Performance:** Demonstrated containment and re-direction of 2270kg pick-up truck travelling at 100km/h
- **Fewer Parts:** No blocking pieces or rail stiffener plates
- **Rapid Installation:** Fewer components facilitate rapid installation. Z-post embedment depth is just 880mm
- **Cost Savings:** Fewer components to purchase, savings on freight costs and faster to install
- **Narrow Width:** A system of just 200mm conserves valuable formation width