

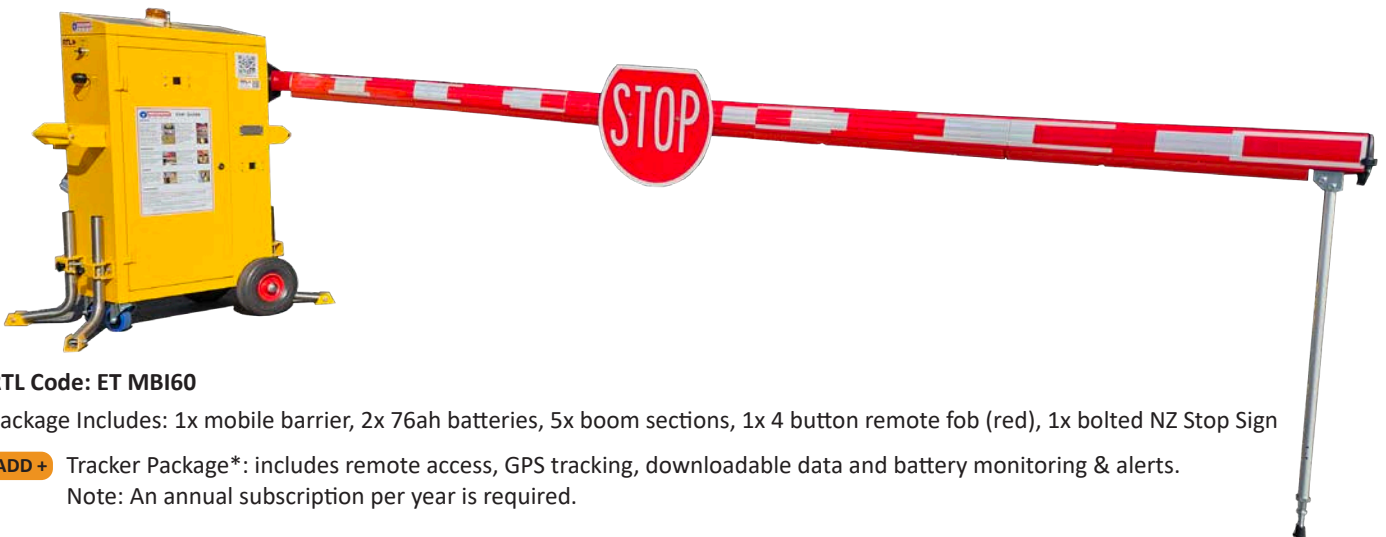


APPROVED Waka Kotahi M23 Appendix F

INSTABOOM

Mobile Barrier Arm / Gate

The Instaboom Portable Barrier Gate is a solar powered barrier arm, providing site access control for medium to long term project sites, motorways, railway and construction sites. Aimed at improving the health & safety of traffic crews, the barrier arm is controlled via a remote, has a modular arm and includes advanced built-in safety features and solar panels for sustainable, robust and efficient traffic management.



RTL Code: ET MBI60

Package Includes: 1x mobile barrier, 2x 76ah batteries, 5x boom sections, 1x 4 button remote fob (red), 1x bolted NZ Stop Sign

ADD + Tracker Package*: includes remote access, GPS tracking, downloadable data and battery monitoring & alerts.

Note: An annual subscription per year is required.

Modular Arm Sections

1 – 4m collapsible boom with rest post to suit varying road entrance widths & a drop leg for stability.

Advanced Safety Features

Anti-contact IR safety beam - will return to upright position if an obstacle is in the way and optional fleet email alerts*

Rugged & Manoeuvrable

Designed for uneven worksite terrain. Features solid handles, steering wheels and fold out legs. Can be lifted via lifting eye, or forklift under each handle.

Highly Visible

Yellow Construction with retro-reflective Conspicuity Tape and Class 400 Stop Sign

Waka Kotahi Compliant

As featured in Waka Kotahi NZTA M23 Appendix F: Temporary road safety hardware & devices

Compatible

Optional GS6 Over-Height Detection providing rapid over height strike protection & feature rich plug & play mother board

[View online at www.rtl.co.nz](http://www.rtl.co.nz)

Combined with the optional over height detection sensor kit, INSTABOOM also provides a unique way to protect from overhead strikes in work zones – raising the bar on site safety.

Key Features



Solar Panels
Integrated solar charging to reduce carbon footprint or via mains charge



IR Sensor
Anti-contact beam & will return on impact



ADD + Over Height*
Optional overheight sensor to reduce incidental strikes



Rugged Remote
Four button remote to control multiple barriers at the same or different times



Applications

- Site Access
- Major Projects
- Construction Sites
- Traffic Management
- Medium to long term site access points (SAP)
- Alternative to Manual Stop Go

Remote Pairing:

Each unit comes pre-programmed with a remote. Always check operation, before going onsite. Pairing remotes with an Instaboom LITE unit is very simple. Unscrew the whip antenna and remove the device from the red boot/cover. Unscrew the Barrier Yellow Cover (6x screws).

Erase/Unpair:

It is good practice to erase all pairings from the fob, to prevent unwanted operation. This needs to be done at each unit, one at a time.

To achieve this:

Touch and hold the bottom left of the transmitter against the top left of the receiver for over 5 seconds. The receiver will emit a long beep to confirm all pairings have been erased. You will then need to follow the steps above to pair a new remote fob.

Learning Mode/Pairing:

Quick Tap/Touch the bottom left of the transmitter against the top left of the receiver for 1 second, as shown. The receiver will beep once. Press the chosen number switch on the transmitter you wish to pair. The receiver will beep twice to confirm pairing.

Pairing Additional Units:

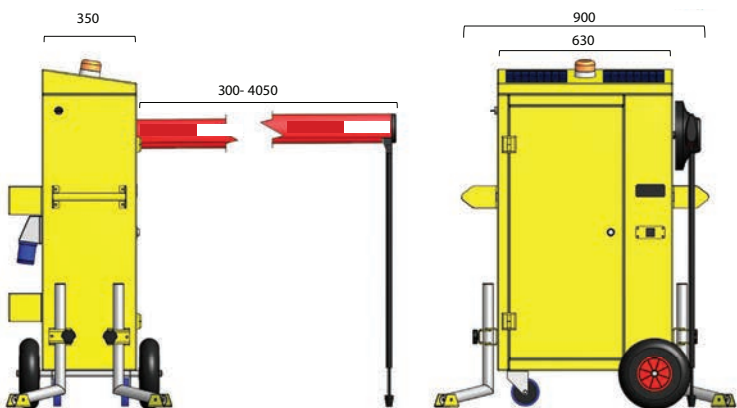
Following the same process, users can allocate additional units to other buttons on the same remote. For specific setups, like for a haul road crossing a main road, multiple units can be paired to one button for simultaneous operation.

Optional Extras:

- Key code + Proximity Tags
- Telematics and instant alerts
- GSM Intercom + SIM plan
- ANPR Camera



Dimensions (mm)



Weight: 150kg incl. 2x batteries

Boom: Up to 4m / 5x 750mm sections (patented)

Battery Life: Two weeks minimum

Charging: 10m 240v cable with 16amp outdoor plug on main unit

Motherboard: Add access control items (keypad, additional remotes, intercom etc) to the barrier with the unique plug and play panel.

Transport: Can be lifted via lifting eye, or forklift under each handle



Safety Message

RTL encourages safe lifting and manual handling practices and advises all customers to ensure all staff are trained in manual handling of heavy goods.

Scan the QR to View:

[View our Product Videos & Training](#)

