

Boomgate Trailer

Mobile, solar-powered traffic access control

The MTGA Boomgate Trailer gives you dependable traffic access control wherever you need it.

Built for harsh Australian conditions and designed to be generally maintenance-free, it supports up to 60W continuous power draw with up to four days of battery redundancy.

A high-efficiency 415W solar panel is mounted horizontally to keep charging performance consistent, regardless of boomgate direction. Critical components are protected with a sealed waterproof battery box and an IP-rated power cabinet.

Ideal for

Access control at site entry points where reliable off-grid power matters.

SAFETY SYSTEM
BANNER RADAR
SENSOR

REMOTE
TRIGGERING VIA
RADIO RECEIVER

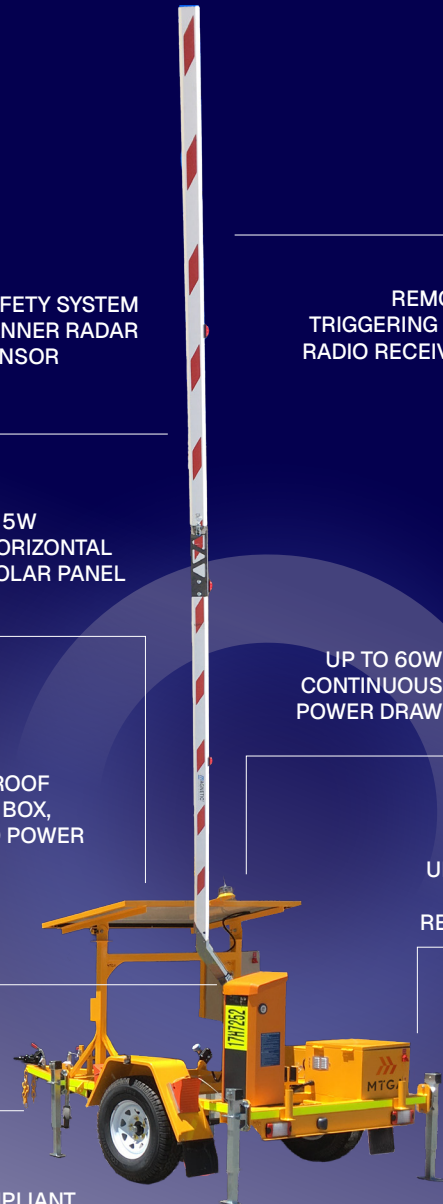
415W
HORIZONTAL
SOLAR PANEL

UP TO 60W
CONTINUOUS
POWER DRAW

WATERPROOF
BATTERY BOX,
IP-RATED POWER
CABINET

UP TO 4 DAYS
BATTERY
REDUNDANCY

ADR COMPLIANT
TRAILER



Effortless traffic control at your fingertips

Optimise site access with remote-triggered operation and built-in vehicle safety. The boom gate includes a radio receiver so it can be signalled by an approaching vehicle, helping reduce manual intervention at the gate and keep entry moving.

For safer flow through the gate, a safety system banner radar sensor detects a vehicle beneath the boom and holds the boom open until the vehicle has passed. If a vehicle is detected, the system prevents the boom from closing, and the user can initiate closing with a second press of the remote.

To support dependable performance in real site conditions, the trailer's power system is built around a 24V battery bank with two (2) 12V 120Ah AGM batteries, backed by the solar charging system and rated for up to four days of battery redundancy.



Built For
Australian
Conditions



Remote Triggering
And Vehicle-Safe
Detection



4 Day
Battery
Redundancy



ADR Compliant
& Off-Road
Ready



Specifications

Mass	Approx 750kg
Type	ADR compliant trailer
Boom Length	6 metres
Power Output	Up to 60W continuous power redraw
Batteries	2x12V 120Ah Century AGM
Battery Bank Voltage	24V
Battery Redundancy	4 days
Wind Speed Limit	80km/h
Solar Panels	1x415W
Enclosures	1 x Mild Steel Powder-Coated (600x400x300mm)
Suspension	Off-road Rugged

Built for Australia, Powered by Innovation

MTGA is Australia's premier provider of technology and communication solutions, specialising in robust and ruggedised, Australian-made products designed for remote and challenging environments.

Since our inception, we've become trusted partners across various industries, providing reliable solutions for diverse and challenging operational needs.

With extensive experience, MTGA has established a reputation for engineering reliability and innovation. From pioneering autonomous mine communications to our ever-expanding product range of solar-powered trailers, skids and access control solutions, we deliver tailored systems that meet our clients' evolving needs.



Locally Owned
and Operated



Fast Lead
Times



Highly Adaptable
Custom Systems



In-House
Engineering

Customisable boom gates to fit your site

We offer flexible customisation options across our products and alternatives, so you can match the right boom gate setup to your site. Within our Boom Gate range, you can choose skid models with a 10m or 12m boom, larger batteries for extended run time, or a trailer chassis for enhanced mobility. If you need something different, our team can design and build a boom gate solution tailored to your specifications.

We also offer flexible payment options, with purchase or hire available, so you can choose what suits your project. Contact our team today to discuss customisation and find the best solution for your site.

Get in touch with MTGA today



+61 8 9277 8886



mtga@mtga.com.au



Unit 1, 8 Cohn Street,
Carlisle,
Western Australia, 6101