

Vehicle Boom Barriers



AUTOGATE has been manufacturing vehicle access control booms and spike barriers in a variety of configurations for over 30 years.

These booms and barriers have a wide range of applications for vehicle access and traffic flow control.

Housings are available in a range of colours with an option to match corporate colour schemes.

Spike barriers can be retro-fitted to our booms to provide additional security.

The powder coated stainless steel housing and the high quality finish will withstand continuous and prolonged use in hostile environments

Booms Allow :

- Vehicle access control
- Unmanned secure entrances
- Option for boom skirts and traffic signs and traffic lights

Features

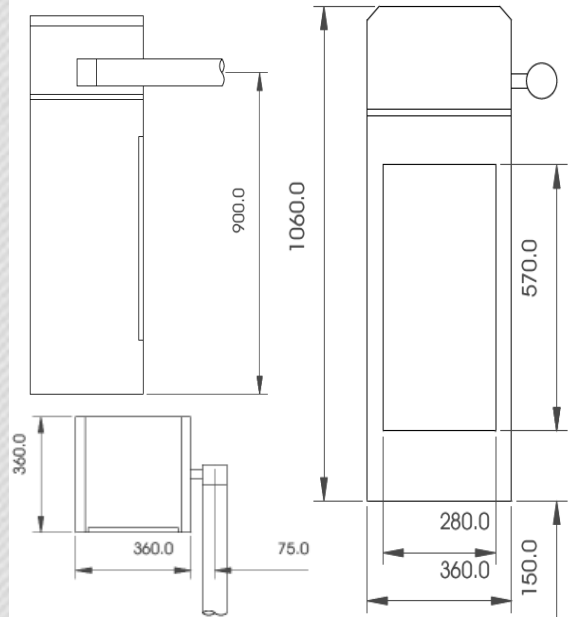
- Available in manual or automatic. Surface mounted spike barriers can be coupled with automatic booms
- Available in lengths from 2.0m to 6.0m
- Jack Knife kits where overhead height is limited
- Poles can be Red & White or Yellow & Black striped
- Suitable for both indoor and outdoor applications
- Compatible with all access control systems
- Limits access to authorised vehicles only
- Can be configured to auto close after vehicles
- Stainless steel, powder coated housing for maximum corrosion protection
- Can have safety loops and/or beams to prevent boom closing on a vehicle
- Silent trouble-free operation
- Passage frequency ± 15 vehicles per minute



Vehicle Barriers

Technical Specifications - Auto Booms

	Servo	Heavy Duty
DRIVE :	70 watt continuous	0.37kW TEFC 3 phase with soft start control
GEAR BOX :	Helical gearbox integrated with motor	Direct coupled oil filled worm drive gearbox
SPEED:	Fixed \pm 3.1 sec	Selectable on inverter between 2.5 – 3.5 secs.
MECHANISM:	Crank arm and connecting rod producing sinusoidal motion control	
CASING :	Stainless steel, powder coated (IP55 enclosure for controls).	
BOOM POLE :	76mm x 1mm diameter aluminium	
STOP / NO ENTRY SIGNS :	Road ordinance compliant 450mm dia. reflective signs available	



Options on Automatic Booms

SPIKE BARRIER :	Can be retro-fitted to our auto booms, or coupled directly to the barrier
TRAFFIC LIGHTS :	Various configurations of traffic lights can be fitted
RANDOM SEARCH :	Facility for searching, controlled by electronics - removes human element

Technical Specifications - Manual Booms

STAND :	Galvanised mild steel painted red and white
COUNTER WEIGHT :	Cast concrete painted black with lifting handle.
LOCKING :	Pole can be locked in both vertical and horizontal positions
BOOM POLE :	Lightweight extruded 76mm x 1mm diameter aluminium striped red & white or yellow & black. Max 6.0m
POLE REST :	Optional pole rest available for poles over 4.0 meters
STOP / NO ENTRY SIGNS :	Road ordinance compliant 450mm reflective signs available

