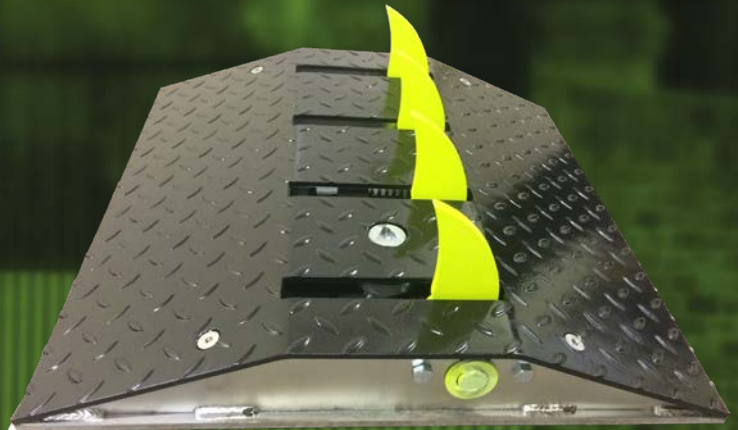




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## GATECLAW VEHICLE BARRIER

The ultimate one way or bi  
directional surface mounted  
traffic flow plate spike barrier.



### VEHICLE ENTRY CONTROL



GATECLAW designed and manufactured in the UK by SAE Systems Ltd is a high quality, very heavy duty steel constructed vehicle barrier designed to handle vehicles of all sizes and volumes. GATECLAW is the ultimate permanent or semi-permanent surface mounted vehicle flow plate barrier.

Manufactured to exacting standards with no compromise on build quality GATECLAW can be fitted as a permanent or semi-permanent vehicle barrier offering the ability to control vehicle movements through a specific road way area.

### UNIQUE 3 MODE MECHANISM

GATECLAW is fitted with a unique bespoke locking mechanism designed by SAE Systems Ltd that allows the system to be quickly set in one of three modes:

#### LOCKING

Additional locking of the GATECLAW in the FIXED UP MODE is possible by padlocking the claws by utilising a 10mm hole present on one claw on each individual module (padlocks not supplied).



#### ACTIVE MODE

Will allow vehicles to pass in one direction but not the other.



#### FIXED DOWN MODE

Safely allows vehicles to pass in either direction.



#### FIXED UP MODE

Prevents vehicles from passing in either direction.

### APPLICATIONS

Ideal for lane control, car park exit lanes, garage forecourts, check points and high security entrances. GATECLAW can be set to prevent vehicles entering a facility in the wrong lane or via the exit lane.

It can also be set in the FIXED UP MODE across roadways out of hours to prevent traffic in both directions entering or leaving a facility. It can be FIXED DOWN during operational use to allow vehicles to pass in either direction if required.

## THE ULTIMATE SURFACE MOUNTED SPIKED BARRIER



### GATECLAW 500

**Dimensions:** 500mm Long x 500mm Wide x 60mm High (claws down) 125mm (claws up).

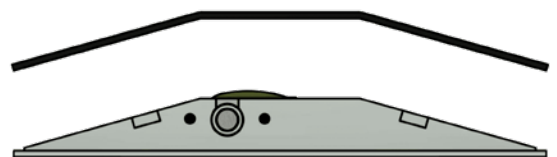
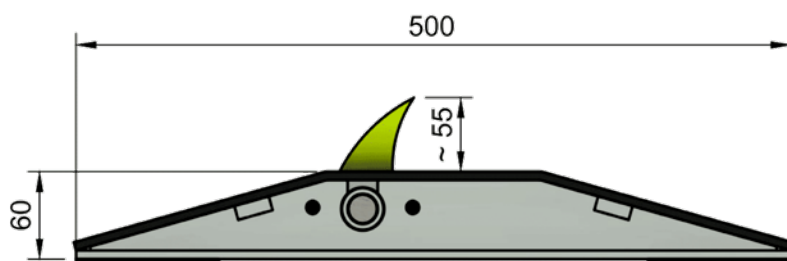
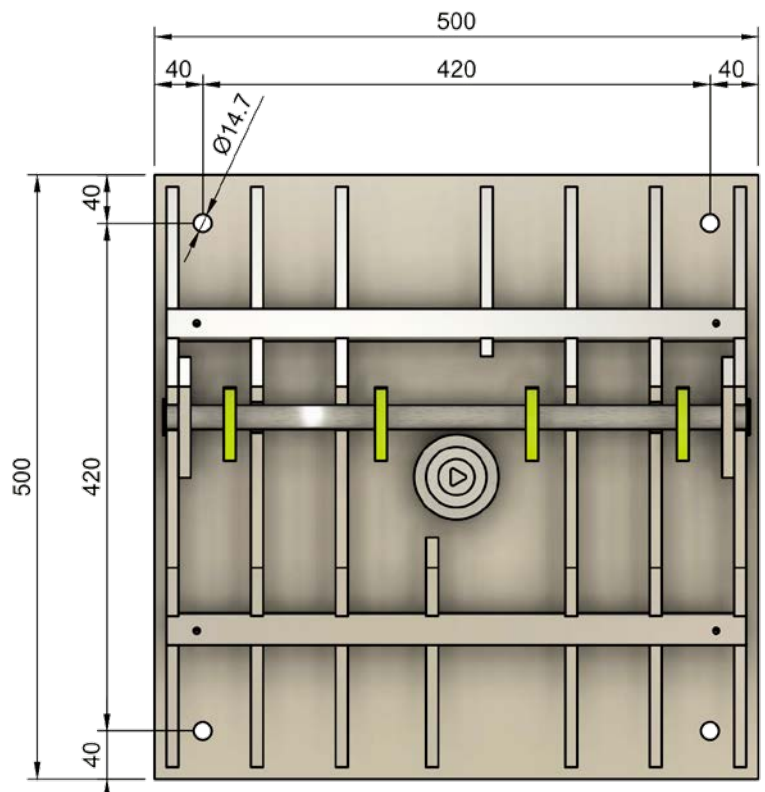
**Material:** 10mm S275 Carbon Steel Galvanised 25 micron, 5 mm S235 Durbar Plate.

**Unit Weight:** 40kg.

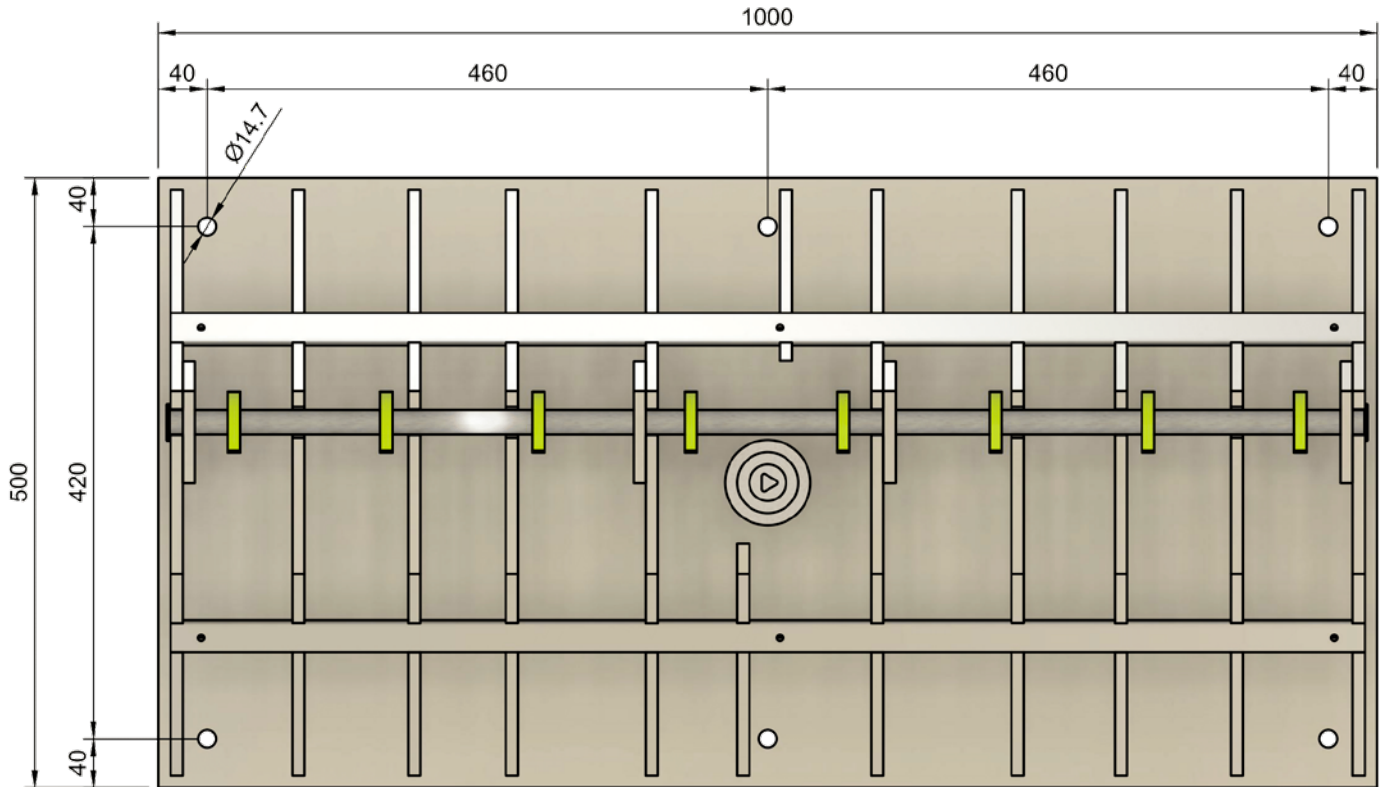
**Design Rating:** 40 Metric Tonnes.

**Locking Mechanism:** Rotating Barrel with Male/Female Recessed Socket, 3 Positions.

**Finish:** Galvanised Base Module / Heavy Duty Black Polyurethane Painted Top Plate / Claws: High Vis Glocote Fluorescent Yellow Finish.



## GATECLAW 1000



**Dimensions:** 1000mm Long X 500mm  
Wide x 60mm High (claws down)  
125mm (claws up).

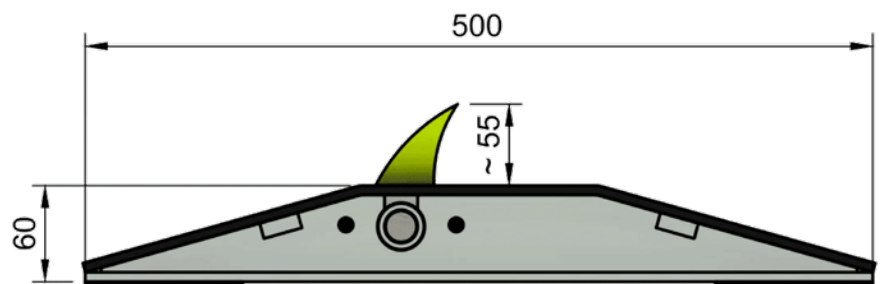
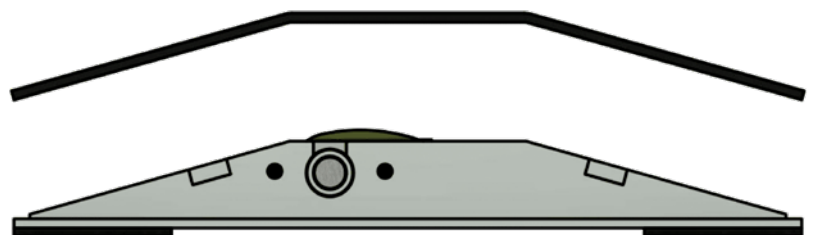
**Material:** 10mm S275 Carbon Steel  
Galvanised 25 micron, 5 mm S235  
Durbar Plate.

**Unit Weight:** 76kg.

**Design Rating:** 40 Metric Tonnes.

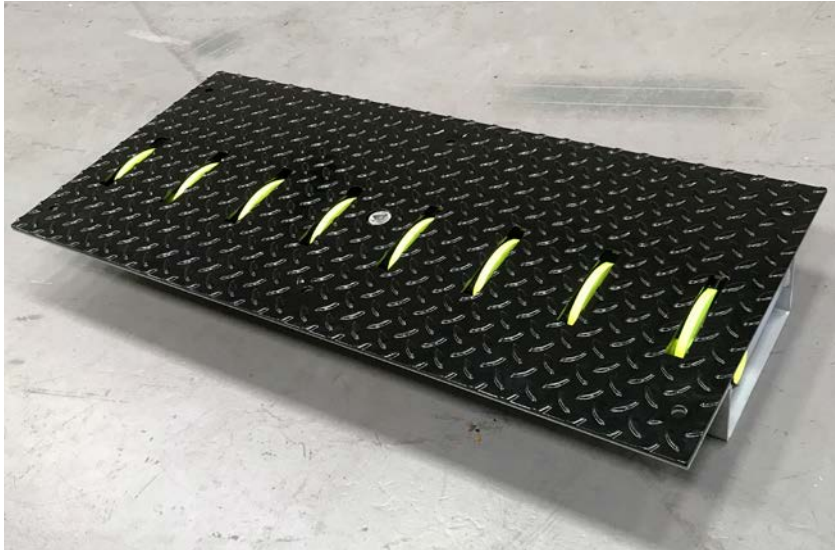
**Locking Mechanism:** Rotating Barrel  
with Male/Female Recessed Socket,  
3 Positions.

**Finish:** Galvanised Base Module /  
Heavy Duty Black Polyurethane Painted  
Top Plate / Claws: High Vis Glocote  
Fluorescent Yellow Finish.





## GATECLAW IG 1000



**Dimensions:** 1000mm Long X 433mm Wide x 10 mm High (claws down) 65mm (claws up).

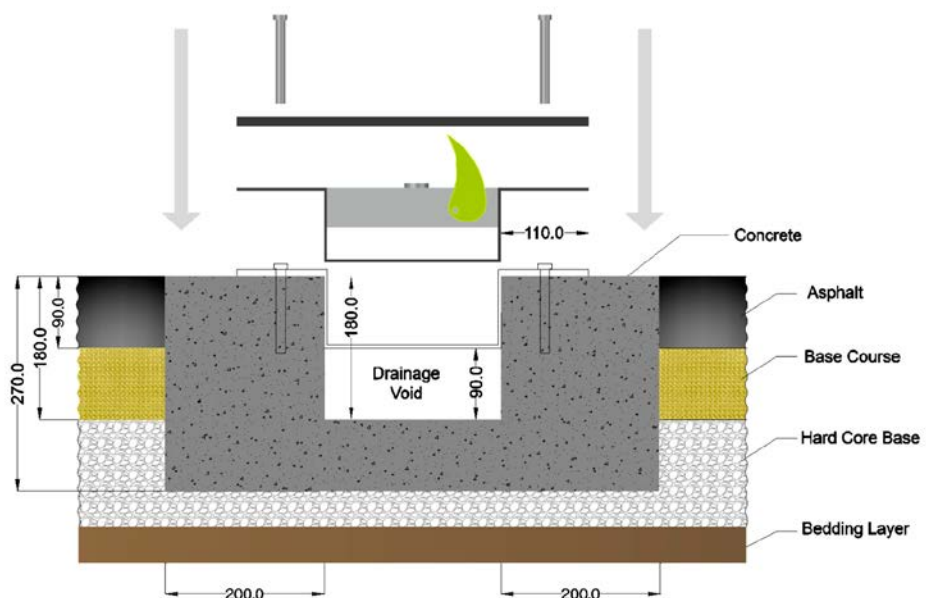
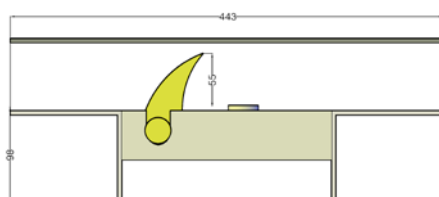
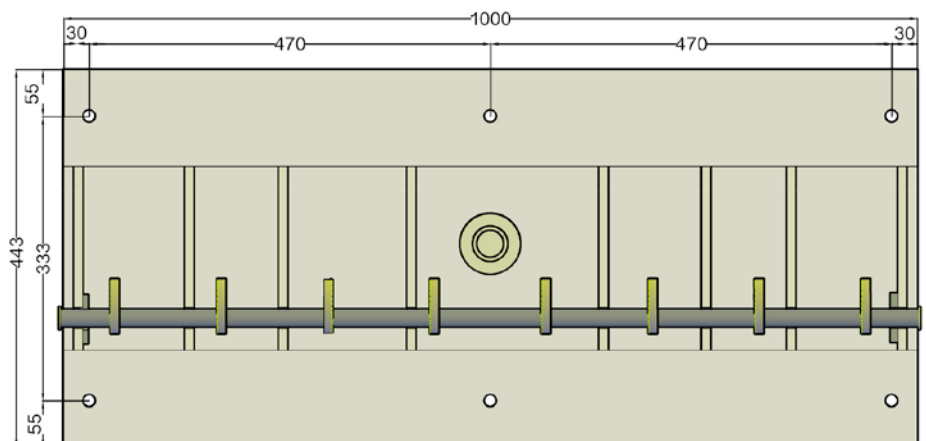
**Material:** 10mm S275 Carbon Steel Galvanised 25micron, 5mm S235 Durbar Plate.

**Unit Weight:** 46kg.

**Design Rating:** 40 Metric Tonnes.

**Locking Mechanism:** Rotating Barrel with Male/Female Recessed Socket, 3 Positions.

**Finish:** Galvanised Base Module / Heavy Duty Black Polyurethane Painted Top Plate / Claws: High Vis Glocote Fluorescent Yellow Finish.



## FURTHER INFORMATION

### ACCESSORIES:

Supplied FOC with each order:

- 1 x long handled T bar key
- 1 x 5mm T handle Allen key

Supplied FOC with each unit:

- 4 x 4mm Neoprene Pads (GATECLAW 500)
- 6 x 4mm Neoprene Pads (GATECLAW 1000)

### PAINT SCHEME

GATECLAW is supplied finished in a durable weather proof finish designed to handle both high and low temperature conditions, resistant to tyre wear and environmental conditions such as sand and grit, sun light and salt air environments. The top plate is made from 5mm durbar plate providing adequate tyre grip in wet or icing conditions.

### PAINT SPECIFICATION

**Top plate:** 250micron(av) Heavy Duty Black Polyurethane

**Base unit:** Galvanised 280g/m2

**Claws:** 150micron(av) 4 stage paint, inc base primer, high vis Glocote Fluorescent yellow finish.

### NOISE / IMPACT SUPPRESSION

Four/Six DC20 Black Neoprene Rubber 70°sh damper pads, 150mm x 150mm x 4mm with 15mm diameter holes are supplied with each unit to assist in shock absorption and reducing traffic impact noise. Internally the unit is fitted with a spring loaded impact damping system.

### TESTING

GATECLAW has been tested on multiple vehicle types and tyre systems including run flat tyres, deep tread tyres and vehicles ranging from domestic saloons to multiple axle commercial HGV's at speeds of up to 30mph, however 3mph/5kph is the suggested normal transiting speed.

### VEHICLE RESTRICTIONS

High performance sports cars or vehicles with lowered suspension with a ground clearance of less than 5"/125mm in addition to tyre damage may suffer damage to the vehicle undersides if the GATECLAW is transited in the active or locked up mode, speeds exceeding 3mph/5kph should be avoided to prevent a reduction in the vehicle ground clearance. GATECLAW IG 1000 has no ground clearance restrictions.

### SIGNAGE

Each facility generally has its own unique set of circumstances and means of application. Warning signage is advised in both directions alerting the vehicles to the presence of the GATECLAW, the restrictions on that particular lane or direction. We also advise that **3mph/5kph maximum speed signs are erected** in advance of the GATECLAW and the units are placed in well illuminated or visible locations.

### FITTING

Each unit is placed against each other and bolted to the road surface using M12 anchor/through bolts, there is no mechanical link between each system.

### WARRANTY

#### One Year Parts

Covers mechanical properties and components, excludes paint and finish or damage occurred due to misuse. Shipping at clients cost.

### GENERAL FEATURES

- Steel Construction
- Galvanised base
- Suitable for all weather conditions
- Low ride height
- 65mm long Claws that will penetrate HGV tyres as well as normal saloon tyres.
- Unique heavy duty tamper resistant 3 position locking system
- Padlockable (FIXED UP MODE).
- Tested to 40,000kg continuous traffic
- Spring loaded Claws with backup spring mechanism
- Unique claw/spike design
- Structural impact spring loaded damping system
- Neoprene rubber damper system
- Polyurethane top plate finish
- Claws: High Vis Glocote Fluorescent yellow finish
- Modular
- Ideal for manned or unmanned facility
- Maintenance free
- Simple fitting process
- Can easily be relocated
- Designed and built in the UK
- Warranty-One Year Parts

Return to base maintenance packages available, including refitting new springs, dampers and neoprene pads, base unit refurbishment, top plate and claw paint refurbishment.



*Vehicle Entry Control*

Gate Claw 1000 and 500 Systems –  
showing neoprene pads, long handled T  
bar key and 1 x 5mm T handle allen key.



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