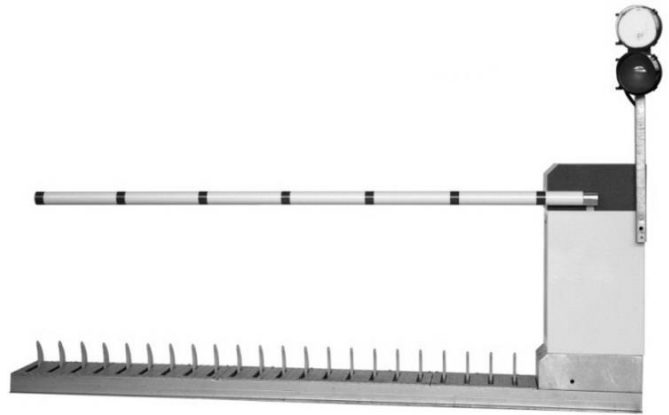


SPIKETECH GRIPPA

Automatic Combined Spike & Boom Barrier
for indoor and outdoor applications

SPIKETECH GRIPPA range of motorised combined spike and boom barriers provides a deterrent and secure vehicle access control solution for applications where both flow of vehicles and improved security must be combined.

SPIKETECH GRIPPA's unique design features a single heavy-duty geared torque motor simultaneously driving the barrier boom pole and the spike barrier for uncompromised security, improved safety and energy saving.



AVAILABLE CONFIGURATIONS

- SPIKETECH GRIPPA R | Recessed spike barrier from 3 to 6m blocking width
- SPIKETECH GRIPPA S | Surface-mounted spike barrier from 3 to 6m blocking width

Typical areas of application include:

Car Parks | Commercial & Residential Estates | Government Sites | Industrial Sites | Logistics Centres | Mines | Secure Compounds | Security Checkpoints

Alltech Vehicle Barriers & Turnstiles Solutions also feature:

Boom Barriers | Bollards | Fast Folding Gates | Road and Rated Wedge Blockers | Half and Full Height Turnstiles | Tripod Turnstiles | Revolving Doors | Security Booths | Special Needs Access Gates

FIND OUT MORE ON www.alltechbygunnebo.com

ELECTRICAL DATA & CONDITIONS OF USE

POWER	<ul style="list-style-type: none"> Power Supply: 220Vac 50Hz Power Consumption: 80W
LOGIC VOLTAGE	<ul style="list-style-type: none"> 220Vac
OPERATING TEMPERATURES	<ul style="list-style-type: none"> -10°C to +55°C RH 95% no condensing
EMC COMPLIANCE	<ul style="list-style-type: none"> According to CE

SYSTEMS INTEGRATION & ACCESS SPECIFICATIONS

LOGIC	<ul style="list-style-type: none"> BL100T microprocessor combined logic and loop detector
SYSTEMS INTEGRATION	<ul style="list-style-type: none"> Integrates with any access control and fare collection systems with 0 voltage input 0V inputs provided for entry and exit directions of passage 0V latching input provided for control of both simultaneous and individual entry and exit direction
FLOW RATES Dependent on access control system	<ul style="list-style-type: none"> Up to 10 passages / mn
SPEED OF OPERATION	<ul style="list-style-type: none"> 3-4m clear opening: 2.5-3.0s 4-5m clear opening: 3.0-3.5s 5-6m clear opening: 4.0-4.5s
POWER FAILURE	<ul style="list-style-type: none"> In the event of a power failure, SPIKETECH GRIPPA will fail state in its last operating cycle position (open or closed) and manual operation will be enabled

INSTALLATION & MAINTENANCE

PRODUCT DELIVERY	<ul style="list-style-type: none"> Fully assembled or sub-assembled. <i>Choice to be specified at time of order placement.</i>
SITE PREPARATION	<ul style="list-style-type: none"> Flat and leveled concrete (SPIKETECH GRIPPA R) or paved (SPIKETECH GRIPPA S) surface +/- 5mm
CABLING & CONDUITS	<ul style="list-style-type: none"> Through the ground
LOGIC ACCESS	<ul style="list-style-type: none"> Housed into the barrier housing, access via lockable service hatch door
MAINTENANCE ACCESS	<ul style="list-style-type: none"> Barrier housing lockable service hatch door and removable top lid
MTTR Mean Time To Repair	<ul style="list-style-type: none"> Approx. 20mn
MCBF Mean Cycle Between Failure	<ul style="list-style-type: none"> 5million

DESIGN OPTIONS & ACCESSORIES

DRIVE	<ul style="list-style-type: none"> Electro-motorised, electronically controllable
LOGIC CONTROLLER	<ul style="list-style-type: none"> BL100T combined logic and loop detector and IR-beam Selector switch relay control panel
SPIKE BARRIER OPTIONS	<ul style="list-style-type: none"> Recessed (SPIKETECH GRIPPA R) of hot dip galvanised mild steel, with 155mm-rise spikes Surface-mount (SPIKETECH GRIPPA S) of hot dip galvanised mild steel, with 90mm-rise spikes
BOOM POLE OPTIONS	<ul style="list-style-type: none"> Round boom pole (76mm diameter, of 2mm aluminium wall thickness) with reflective red stripes Octagonal boom pole (90x45mm, of 1.5mm aluminium wall thickness) with reflective red stripes Articulated boom pole kit for low height clearance applications Boom pole mounted folding aluminium skirt

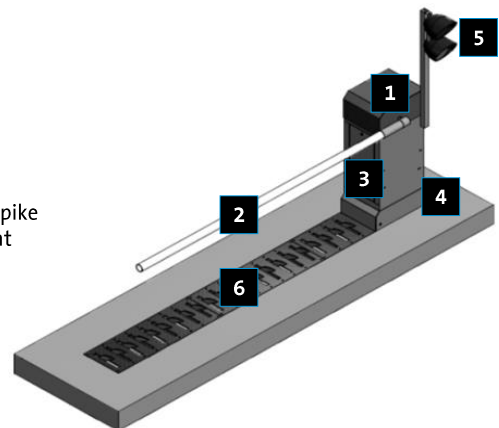
DESIGN OPTIONS & ACCESSORIES

BARRIER HOUSING FINISHES/OPTIONS	<ul style="list-style-type: none"> ▪ Powder coated mild steel (main housing section white and housing lid black) . <i>Other choice of colour available on request. Not recommended for corrosive environment applications</i> ▪ Powder coated 3CR12 stainless steel (main housing section white and housing lid black) . <i>Other choice of colour available on request. Suitable for low corrosive environment applications</i> ▪ Powder coated 304 stainless steel (main housing section white and housing lid black) . <i>Other choice of colour available on request. Suitable for corrosive environment applications with adequate cleaning program</i> ▪ Brushed 304 stainless steel. <i>Suitable for corrosive environment applications with adequate cleaning program</i> ▪ Brushed 316 stainless (available on request). <i>For improved durability in corrosive environment applications with adequate cleaning program</i>
SAFETY & OPERATING ACCESSORIES	<ul style="list-style-type: none"> ▪ Loop detector ▪ IR safety beam transmitter and receiver / reflector ▪ Green/Red dual traffic light (incandescent light or LED) ▪ Single / dual push button ▪ Key-fob transmitter (one- or three-button) and receiver
APPLICATION ACCESSORIES	<ul style="list-style-type: none"> ▪ Car gooseneck options ▪ Dual car/truck gooseneck options ▪ Gravity fed card drop box options

PRODUCT OVERVIEW

INDEX KEY

- | | |
|---|---|
| <ul style="list-style-type: none"> 1 Head mechanism under removable top lid 2 Aluminium boom pole 3 Barrier housing lockable service hatch door | <ul style="list-style-type: none"> 4 Wiring entry points 5 Green/Red dual traffic light 6 Hot dip galvanised mild steel spike tray (recessed or surface-mount ramp with bolting points) |
|---|---|



DIMENSIONS & WEIGHT

	SPIKETECH GRIPPA R (recessed)	SPIKETECH GRIPPA S (surface-mount)
BARRIER HOUSING DIMENSIONS (mm)	W550 x H1215 x D420	W400 x H1025 x D400
BOOM POLE LENGTH (mm)	L = 3000 / 3500 / 4000 / 4500 / 5000 / 5500 / 6000	
SPIKE BARRIER X LENGTH (mm)	L = 3000 / 3500 / 4000 / 4500 / 5000 / 5500 / 6000	
SPIKE TRAY DIMENSIONS (mm)	W = L x H100 x D400	W = L x H50 x D600 (incl. ramps)
SPIKE RISING HEIGHT (mm)	155	90
BARRIER HOUSING NET WEIGHT	90kg	80kg
BOOM POLE NET WEIGHT	1kg per running meter	1kg per running meter
SPIKE BARRIER NET WEIGHT	75kg per running meter	55kg per running meter



ALLTECH RELIABILITY

Picking the optimum entrance control solution is a process based on close cooperation with our customers – all the way from **needs analysis**, **production**, to **implementation** and **service**

From Analysis to Proposal

- Needs analysis forms the basis of a tailored proposal
- Specified for the overall solution and for individual areas of the site
- Fully compliant with all local regulations

Installation, Testing, Training

- Monitoring and implementing every installation
- Completion programme of functional reliability checks to ensure the equipment is safe
- Documenting each stage of the installation process
- Initiating start-up phase whilst focusing on training of relevant staff

Operation and Maintenance

- Initiating procedures for operation and maintenance
- Offering adequate Maintenance Plans or Service Level Agreements

With Alltech, a brand of the Gunnebo Security Group, a safe and reliable entrance control system is ready for round-the-clock use.

CONTACT GUNNEBO AFRICA FOR MORE INFO

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