

SPIKETECH R/S

Mechanical Unidirectional Spike Barrier *for indoor and outdoor applications*

SPIKETECH range of unidirectional surface or recess mounted spike barriers is the ideal solution for unmanned and secure one-way vehicle access.

With no electrical components and designed with a heavy-duty spring mechanism, the SPIKETECH is designed for long term reliability.

For an improved security, SPIKETECH R⁺ provides independently linked blade spikes preventing from the risk of an aided fraudulent passage, suitable for all type of vehicles and loads.



AVAILABLE CONFIGURATIONS

- SPIKETECH S | Surface-mounted spike barrier from 3 to 6m blocking width
- SPIKETECH R | Recessed spike barrier in 1m sections
- SPIKETECH R⁺ | Recessed heavy-duty spike barrier in 1m sections

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

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[alltechbygunnebo](https://alltechbygunnebo.com)

From



Bishopsgate

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For a safer world

DESIGN OPTIONS & ACCESSORIES

DRIVE	▪ Mechanical / Spring loaded		
WHEEL LOAD	▪ SPIKETECH S 3 ton per axil, <i>Industrial reinforced: 8 ton per axil</i>	▪ SPIKETECH R 5 ton per axil,	▪ SPIKETECH R+ 10 ton per axil
CONSTRUCTION	▪ SPIKETECH S Simultaneous spring loaded operation of all spikes. Surface-mounted spike tray and ramps of hot dip galvanised mild steel 60mm-rise spikes of mild steel spray painted yellow (alternative colours available on request)	▪ SPIKETECH R Independent spring loaded operation of every fourth spike. Recessed spike tray of hot dip galvanised mild steel 200mm-rise spikes of mild steel spray painted yellow (alternative colours available on request)	Independent spring loaded operation of each blade spike. Recessed spike tray of hot dip galvanised mild steel 225mm-rise blade spikes of mild steel spray painted yellow (alternative colours available on request)

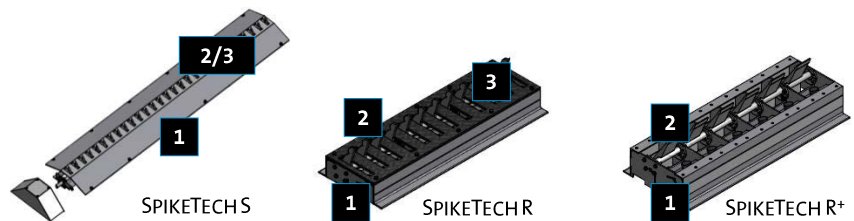
INSTALLATION & MAINTENANCE

PRODUCT DELIVERY	▪ Fully assembled or sub-assembled. <i>Choice to be specified at time of order placement.</i>		
SITE PREPARATION	▪ Flat and leveled concrete (SPIKETECH R/R+) or paved (SPIKETECH S) surface +/- 5mm ▪ For SPIKETECH R and SPIKETECH R+, concrete base to be flat and level to +/- 5mm over footprint area: <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> SPIKETECH R Slab dimensions to be 1000 x 380 x 110mm deep at 20mpa </div> <div style="text-align: center;"> SPIKETECH R+ Slab dimensions to be 1000 x 420 x 160mm deep at 20mpa </div> </div>		
MTTR <i>Mean Time To Repair</i>	▪ Approx. 20mn		
MCBF <i>Mean Cycles Between Failure</i>	▪ Heavy-duty cycles		
MAINTENANCE ACCESS	▪ Tray top plates		

PRODUCT OVERVIEW

INDEX KEY

- 1** Hot dip galvanised mild steel spike tray
- 2** Mild steel painted spikes
- 3** Top plate for maintenance access and cleaning



DIMENSIONS & WEIGHT	SPIKETECH S (surface-mounted)	SPIKETECH R (recessed)	SPIKETECH R+ (recessed)
BLOCKING WIDTH = SPIKE TRAY LENGTH (L)	L= 3000 / 4000 / 5000 / 6000mm	1000mm sections	1000mm sections
SPIKE TRAY DIMENSIONS	W=L x H125 x L570*mm (*incl. ramps)	W1000 x H110 x L380mm	W1000 x H160 x L420mm
SPIKE RISING HEIGHT	60mm	200mm	225mm
SPIKE BARRIER NET WEIGHT	45kg / running meter	80kg / 1m-section	95kg / 1m-section



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.



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