



MAGNUMSPIKE – TYRE DEFLATION DEVICE (TDD)

For 20 years Magnum Spike has been successfully stopping fleeing vehicles. MagnumSpike is still the only hand deployable system that consistently and predictably stops Heavy Goods vehicles, self-sealing and the toughest run-flat tyres as shown in 7 out of 7 US National Institute of Justice tests. Across the U.S. and around the world, through thousands of successful stops, there has not been a single reported adverse incident since day one! ..A 100% safety record!



When seconds count, there's no time to measure the spikes in your tyre deflation device and wonder if they're up to the task. With today's tyre technology, not only the spike size, but also superior design makes the difference.

Safety, Deployment, Simplicity of Use: The key objective in designing the patented MagnumSpike is safety and ease of use. The system is very easy to handle and can be deployed in seconds under any weather conditions or road surfaces. It allows officers complete control of the situation without exposing themselves to dangerous traffic. MagnumSpike is proud of its 100 percent safety record. Many patrol vehicles place the MS16 MagnumSpike behind the co driver's feet on the floor of the vehicle, this allows the system to be deployed seconds after the patrol vehicle stops saving valuable seconds rather than extracting the system from the vehicle boot.

Predictable Stops: The MagnumSpike is the only TDD spike that is designed to safely and swiftly end high speed pursuits consistently within a predictable short distance. It gives back officers control over an extremely dangerous situation, preventing property damage and safeguarding the lives of Police officers, innocent bystanders and the occupants of the pursued vehicle. .

Vehicle Types: MagnumSpike is effective in all conditions and circumstances. Every HIT is a STOP. You do not need a different model for larger vehicles. The same system can stop all vehicles from small saloons to tractors and heavy goods vehicles.

Value & Service: The MagnumSpike is the ultimate solution to all of your high speed pursuit problems. It is far superior in every way and at a price that is substantially lower than any other tyre deflation device on the market. This allows you to stretch your budget and equip more patrol vehicles. And our after sales service cannot be beaten.

Warranty: Our warranty covers any and all components, including spikes, which are guaranteed for five years while in use and replaced free of charge.

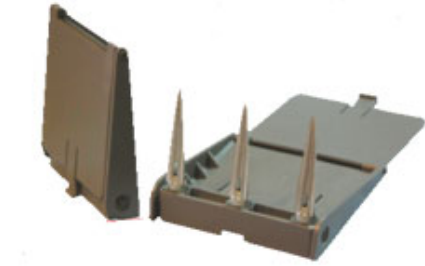
SAE SYSTEMS

Model	MS12	MS16	TMS16 (training system)
Image			
Deployed Length	12 ft / 3m	16 ft / 3.6m	16 ft / 3.6m
Case Type	Ballistic Nylon Wrap	Ballistic Nylon Wrap	Standard Nylon wrap
Dimensions in Case	19"x7.25" (rolled)	19.5"x8" (rolled)	19.5"x8" (rolled)
Shipping Dimensions	20"x8"x8"	20"x8.5"x8.5"	20"x8.5"x8.5"
Net Weight	10.25 lbs.	13 lbs.	9.3 lbs / 4.2 kg
Shipping Weight	13 lbs.	16 lbs.	10 lbs / 4.5 kg
Number of Spikes	120 Cast Alloy	160 Cast Alloy	160 Durable Rubber
Model	MS25C	TMS25 (training system)	MS40
Click image to enlarge			
Deployed Length	25 ft / 7.6m	25 ft / 7.6m	40 ft / 12m
Case Type	Hard Polymer Case	Hard Polymer Case	Ballistic Nylon Wrap
Dimensions in Case	31"x20"x4.5"	31"x20"x4.5"	19"x12" (rolled)
Shipping Dimensions	32"x21"x5.5"	32"x21"x5.5"	20"x12.5"x12.5"
Net Weight	24 lbs.	23 lbs / 10.5 kg	26.5 lbs/ 12kg
Shipping Weight	29 lbs.	24 lbs / 11 kg	27 lbs/ 12.5kg
Number of Spikes	250 Cast Alloy	250 Durable Rubber	400 Cast Alloy

SAE SYSTEMS

MagnumClaw

Placing a MagnumClaw under the tyre after you've pulled over a vehicle will prevent high-speed chases. The 2-1/2" patented spikes come in a collapsible folding case that is laid flat under the tyre of the stationary car at a check point or in a situation where the driver of a vehicle has been stopped for questioning.



If the vehicle moves the spikes are released into the tyre from the MagnumClaw instantly penetrating and totally deflating the tyre, thereby preventing the driver from fleeing and initiating a high-speed chase.

Facts

1. The user-friendly MagnumSpike offers Police Forces an affordable quality tool to stop high-speed chases safely & swiftly every time.
2. Continuous R & D on the MagnumSpike based on feedback from end users and UK Home Office & NASA technology help incorporate high tech features while preserving its ease of use.
3. The MagnumSpike is available in various lengths (including 12 ft, 16 ft, 25 ft. and 40 ft versions).
4. The ease of deployment of the MagnumSpike gives control back to Police by allowing officers to swiftly bring a dangerous situation under control without taking any risks.
5. The 100% free replacement warranty covers spikes and all components for five years of use thereby not wasting officers' time or department money.
6. The portable MagnumSpike is reusable and easily field serviceable on the spot without any special tools in a matter of a few minutes, eliminating any down time.
7. The choke-proof design of the MagnumSpike allows predictable and total deflations every time: cars in less than 1/4 mile, trucks, PSV's and HGV's in under 1 & 1/4 mile and run-flats in less than 2 & 1/4 miles.
8. The high tech design of the MagnumSpike is relatively light weight, yet not so light as to float or to be blown away. It is ready for the rapidly changing tyre technology. It deflates any size and type of tyre down to its metal rim, including the new tough run-flats.
9. The 100% safety performance of the MagnumSpike is unbeatable with not a single adverse incident since day one. Its multiple safety features keeps officers out of harm's way.
10. The patented MagnumSpike is in a class by itself. In test after test of tyre deflation devices, the results are judged "Simply the Best."

SAE SYSTEMS

Feature	MagnumSpike MS16	Stop Stick	Stinger
Deployed length	16 ft.	15 ft. (Including one extra 3 ft. section)	15.5 ft.
Dimensions in case	19" long x 7.5' diameter-roll	3" x 3" x 36" (trunk lid rack)	20.5 " x 17.5" x 2.75"
Volume in case	693 cubic inches/0.40 cubic feet	1,026 cubic inches/0.59 cubic feet	987 cubic inches/0.57 cubic feet
Total weight of system	12 lbs.	8 lbs.	12 lbs.
Type of carrying case	Heavy duty ballistic nylon zipper case	Trunk lid fitted rack, not transferable	Plastic hard case
Base/scissor slats material	Electrometric nylon proprietary alloy	Styrofoam core wrapped in plastic	Electrometric nylon alloy zytel
(Number)	160 Magnum spikes	180 roll pins in 5 three-foot sections but since they face three ways, there are only 60 working quills at any one time	110 quills
(Dimensions)	2.5" long with 3 sharp-cornered edges, 1/2" at base	2" quill inclusive of separate tip. Body of quill is steel roll pin 0.19" outer dia., 0.11" inner dia.	1.75" long x 0.14" outer dia, 0.11" inner dia.
(Clogging or choking)	Patented clog-proof design	Won't clog	Definite possibility of clogging
(Ability to deflate tyres)	Will deflate tyres with total thickness of tread and casing up to 2.5"	Should deflate tyres if total thickness of tread and casing is under 2"	Should deflate tyres if total thickness of tread and casing is under 1.75"
Replacement Spikes	50 spikes with 50 holder retainers, stainless hardware & 50 protective caps	Not applicable	10 quills with compression sleeves, tip guards, and special tool
Deployment rope or cord	45 ft. of 150 lb. test nylon cord on reel with press button release & quick rewind	80 ft. of polyester cord on open reel	30 ft. of rope on an open spool
Multiple use ability	Will withstand multiple high speed impacts	Destroyed first time it is run over	Capable of withstanding multiple high speed impacts
Ability to replace or switch spikes in the field	No tools required to replace or switch spikes around	No possibility of replacing spikes	Needs special tool to replace spikes