

THE SPARTAN: *BDS-AWB50*

THE SPARTAN M50 (K12) wedge barrier is a state-of-the-art "road blocker" with precision fabrication detail from Barrier Defense Systems, A Shaw Stainless & Alloy/Olympic Steel company.

THE SPARTAN is ASTM F2656 M50 /DoS K12 designed to stop and disable a 15,000 lb (6,804 kg) vehicle traveling at 50 mph (80 kph).

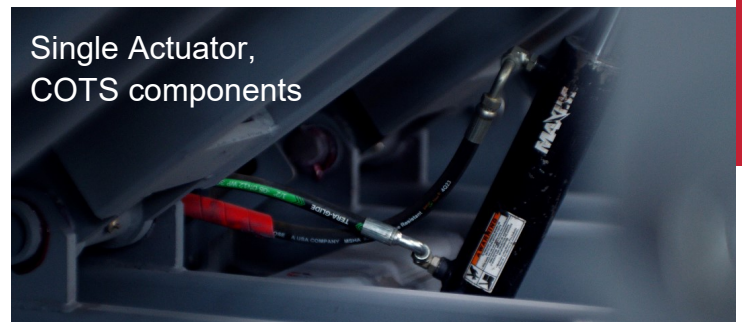
THE SPARTAN uses a single hybrid actuator drive system without the need for spring assist or counterweighting. The drive is an internally sealed hydraulic system with minimal hydraulic lines (two 3" hoses). It is IP 68 rated.



The entire actuation system uses commercial off the shelf (COTS) components, reduces downtime and makes maintenance easier with no proprietary rework.



Custom colors and non-skid surfacing available.



Single Actuator,
COTS components

No spring assist or counterweighting system.

CONTACT US TODAY FOR MORE INFORMATION!



Learn more at stainlessandalloy.com/barrier-defense-systems

3275 Florence Rd. | Powder Springs, GA 30127 | 678.915.2080 | bollards@shawfab.com

Though the system uses hydraulic fluid and pistons, the drives are all electric. There are no hydraulic hose runs from and HPU to the barrier. We use an EPU to drive the motor. For those sites that require pure hydraulic, you have the option to provide your own HPU to drive our piston.

THE SPARTAN is the perfect barrier for your final denial applications and your high risk target, access control. Though we have our own controls group, we do not utilize proprietary control software. Therefore, you can use your own controls and custom sequence of operations.

Other **Spartan** specifications:

OPERATING VOLTAGE	208-240VAC / 3Ø / 60A (20A)*
OPERATING TEMPERATURE	-10 + 140°F / -25 + 60°C
HEIGHT ABOVE ROADWAY	39" (990 mm)
FOUNDATION DEPTH	15"
OPERATIONS PER HOUR	300(+)
IP RATING	IP68
OPERATION TYPE(S)	Electrohydraulic (Hybrid) / Hydraulic

- Reflective DOT tape (red/white prismatic) is standard on bottom side of plate.
- Optional non-skid surface available on black/yellow or red/white stripe plate top
- Optional LED lighting available.



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