



Z-HSTS 8000

CERTIFIED HIGH SECURITY BARRIER

The high security barrier Z-HSTS 8000 is especially suitable to secure people and objects in sensitive areas. The tested and certified high security barrier reliably denies unauthorized access of roadworthy vehicles.

The electro-hydraulically barrier system successfully passed the crash test at the authorized and accredited Crash Test Service Center in Münster. It easily withstood an impact of a 7.2 t truck at a speed of 49.5 km/h. This corresponds with a kinetic energy of 679 kJ. The in the foundation embedded slam posts were still unhurt after the test, so that only the barrier boom and the drive unit needed to be replaced after the impact. Therefore, in case of a critical incident, extensive work on the foundations will not apply.

Military and critical infrastructure, governmental and industrial buildings, embassies, nuclear power plants, research and data centres as well as banking institutions – they all need the highest possible protection available. The high security barrier Z-HSTS 8000 effectively secures these objects.

CERTIFIED TO:

- IWA14-1:2013:
V/7200[N2B]/48/90:0.4
- ASTM F2656/F2656M-18a:
C730/P1(0.3m)

IMPACT:

- weight of the truck: 7.2 t
- speed: 49.5 km/h
- kinetic energy: 679 kJ
- penetration depth: 0.3 m



TECHNICAL DETAILS

Corrosion protection	3Plus - All steel parts are shot blasted, hot zinc sprayed, powder primed and then powder coated to the finished RAL colour. This special finish ensures the highest possible resistance against damages caused by ultraviolet light, scratches, chemicals or oil. Hot dip galvanising is also available if specified.
Drive system	electro hydraulic drive with frequency converter with 7.5 kW rated power, 400 V, 3-phase, 50 Hz
Hydraulic system	In addition to the pressure relief valve for the pump and system, the hydraulic valve control on the unit includes a pressure gauge and the electrically controlled control valves for opening and closing. Furthermore, an additional valve for the secure catch of the boom in the boom support is integrated, to prevent boom from dropping down.
Control unit	microprocessore control unit, frequency converter for soft start / soft stop and adjustable speed

As part of our on-going process of product improvement, we reserve the right to make design and specification changes or to discontinue products without prior notice.



FEATURES:

- certified to IWA14-1:2013: V/7200[N2B]/48/90:0.4 and ASTM F2656/F2656M-18a: C730/P1(0.3m)
- kinetic energy: 679 kJ
- boom length up to 8 m
- opening/closing time 15 s
- electro-hydraulically driven
- ZABAG corrosion protection 3Plus
- colour to a RAL standard colour chart or as required
- selectable for left/right use

OPTIONAL FEATURES:

- loop detector
- LED flashing light on the control box
- remote control
- GSM-module
- special accessories upon request