



WEDGE

CERTIFIED TO



Ezi Security Systems

SERIOUS SECURITY IS EZI

WEDGE

The Ezi Rising Step is part of our CrashProof range of products and provides a medium to high impact barrier system for vehicles travelling in one direction. It provides a tough and reliable hydraulic vehicle barrier designed to deliver quick rise times and equipped with advanced safety features.

The Ezi Rising Step is your solution choice for applications that demand a higher risk of impact resistance and in locations where the TruckStopper is unable to be installed due to a lack of space for the back rail.

Although the Rising Step is limited in performance and security when compared with the TruckStopper, it's still a viable option for many corporations when installed along with pedestrian gate barriers or forming part of a sanitation portal design concept.

Durability and performance is a prerequisite feature of all Ezi products as they must be capable of a true 100% duty cycle. This simply means that the Rising Step will work all day every day. The advanced electronics are also of industrial quality and PLC controlled using specialist programs gleaned from many years of specialist industry experience. The high quality hydraulic drive provides smooth and quiet operation and is yet capable of withstanding axle loadings of up to 12 tonnes.

As part of our CrashProof range of products, the Ezi Rising Step comes standard with its own UPS (uninterrupted power supply) system that will provide up to 20 operations in the event of power failure. Our Rising Step range is available in various sizes, from 3 metres up to 6 metres, with variable heights also on offer.

As Ezi is an original equipment manufacturer, we can custom

design and manufacture your security solutions. The Ezi Rising Step is also fully compatible with all commercially available access control systems.

Design: The base frame is lowered into a sizable concrete pit with suitable drainage and constructed from 125 x 65 PFC and 200 x 200 x 13 angle. The base frame is fully welded and reinforced with 75 x 75 x 8 angle struts.

The Ezi Wedge which rises out of the ground is also constructed from beams and angle (100mm x 100mm angle) on the attack face to offer maximum impact resistance.

The Ezi Wedge is completed with a top sheet of 10mm thick anti-skid checker plate. Please note that Ezi offers a comprehensive range of complimentary products such as bollards, equipment pedestals, fencing, camera posts and pedestrian swing gates/turnstiles.

Optimal security solution for highly sensitive entry points. Wedges offer maximum security for highly sensitive entry points against unauthorised vehicles of all sizes and weights.

Typical areas of application are embassies, government seats, research and development centres, power stations, industrial plants, military sites, airports and other high security areas.

"THE ELKOSTA WEDGE BARRIER K12 IS DESIGNED TO GUARANTEE THE FULL LEVEL OF SECURITY"

** EZI MASTER MANUAL WEDGE ARE ALSO AVAILABLE

RISEING STEPS WEDGE



WEDGE BARRIERS



STANDARD TECHNICAL SPECIFICATION

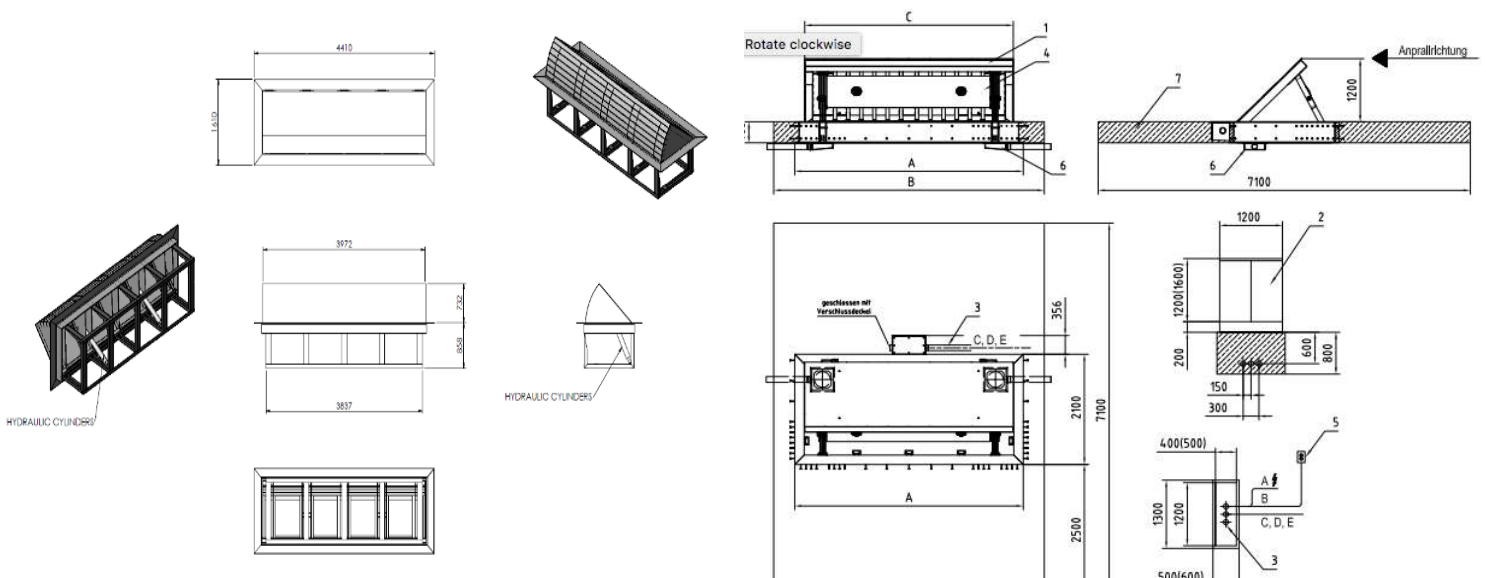
RIISING STEPS WEDGE

Height	500mm to 750mm
Width	1200mm - 1500mm
Length	3 metres to 6 metres
Weight	2 tonne - 6 tonne
Finish	Hot dip galvanised
Drive	Hydraulic pump and rams
Control	True PLC, minimum 14IO
Power	240 volt, 15 amp supply.
Control	Enclosure IP56, mild steel
Opening raising speed	2.5 - 4 seconds (adjustable)
Closing/lowering speed	4 seconds (adjustable)
Backup power supply	UPS providing 20 operations
Duty Cycle	100%
Safety (vehicles)	Inductive loops - fail safe
Safety (pedestrians)	Photo electric beams - fail safe
Stopping ability	5 tonne vehicle at 60km per hour (modelled)
Axel loading	12 tonnes standard
Barrier raise time	Type 2: 5.5 seconds
Duty cycle	True 100% cycling as per stand

WEDGE BARRIERS

Design	Wedge Barrier with electro-hydraulic drive in separate drive cabinet 2 no.'s. Red flashing lights in blocking element Emergency operation via hand pump
Blocking Width:	2.0m, 2.0m, 3.0m, 3.5m and 4.0m
Underground Housing:	L x W x D: (blocking width + 360 mm) x 2100 mm x 400 mm
Operating Times	Raising: approx. 3.5 seconds Lowering: approx. 2 seconds (high speed raising in approx 1 second with optional accumulator)
Blocking Element:	1200 mm above ground level
Impact Rate:	1852 kJ (7.5 t @ 80 km/h) Crash test certified according to PAS 68 V/7500[N3]/80/90:0.0/18.0 and DOS SD-STD-02.01 Rev. A 03/2003 K12/L3
Wheel load:	100 kN according to SLW60 – DIN 1072
Power:	4.0 kW, 400 V
Control:	Control board in drive cabinet, control voltage 24 V
Weight:	Approx. 1900 – 2800 kg
Colour:	Standard: Underground housing RAL 7030 stone grey Blocking element and cover plates RAL 7030 stone grey Optional: Blocking element and cover plates striped RAL 3000 flame red / 9010 pure white or RAL 1007 daffodil yellow / 9005 jet black or RAL colours or DB colour tones

STANDARD TECHNICAL DRAWING



RIISING STEPS WEDGE

WEDGE BARRIERS



Ezi Security Systems

S E R I O U S S E C U R I T Y I S E Z I

OUR PRODUCTS AVAILABLE

CRASH RATED RANGE



TRACKED GATE M50



ELKOSTA
ENTRAQUICK PU30



BOLLARD
M30 & M50



STRONGARM
M30 & M50

TRADITIONAL RANGE



BOOM GATES



CANTILEVERED
SLIDING GATE
SYSTEM



TRUCKSTOPPER



WEDGE



WEDGE II

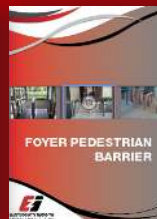


SWING GATES



TYRE KILLER

PEDESTRIAN CONTROL RANGE



FOYER PEDESTRIAN
BARRIER



PEDESTRIAN GATE
SYSTEMS



QUICK FOLDING
GATE I & II



TURNSTILE SYSTEM



WERRA ENTRANCE
CONTROL

FOLLOW US ON



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