

# ELKOSTA BOLLARDS

High Security



# elkosta Bollards

## High security with blocking effect



The Gunnebo Group offers designs the bollards can be used from its bollard product family a wide range of solutions for entries, where pedestrians may enter unhindered but vehicle traffic is to be stopped. Due to their attractive in inner city surroundings for city security and traffic management. Applications can range from temporary closing of city centres, but still allowing vehicles with permission to pass, to real estate properties with high security needs. Gunnebo products are widely used for military sites, governmental buildings, embassies, banks and city centres.

## elkosta Bollards

### High Security with blocking effect

Crash bollards share a rigid steel tube as blocking element and are available in different sizes. The lowered bollards adhere to bridge class 60, so even the heaviest wheeled vehicles can drive over them safely. All movable bollards are equipped with an integrated hydraulic drive. The advantages of this drive technology are maximum power transmission and working reliability under most adverse weather conditions. During power failure the bollards can be lowered manually. The blocking width can be varied by the number of bollards in a row. Up to five bollards can be operated with one common control unit.

#### Advantages of the elkosta bollard

- Short operating time
- Variable blocking width
- Operation of up to five bollards with one common control unit
- Stable construction, all basic parts made of steel with high tensile strength
- Easy assembly complete with guide rails and integrated drive unit
- Single phase power supply
- Shallow foundation
- Emergency Fast Operation (EFO)

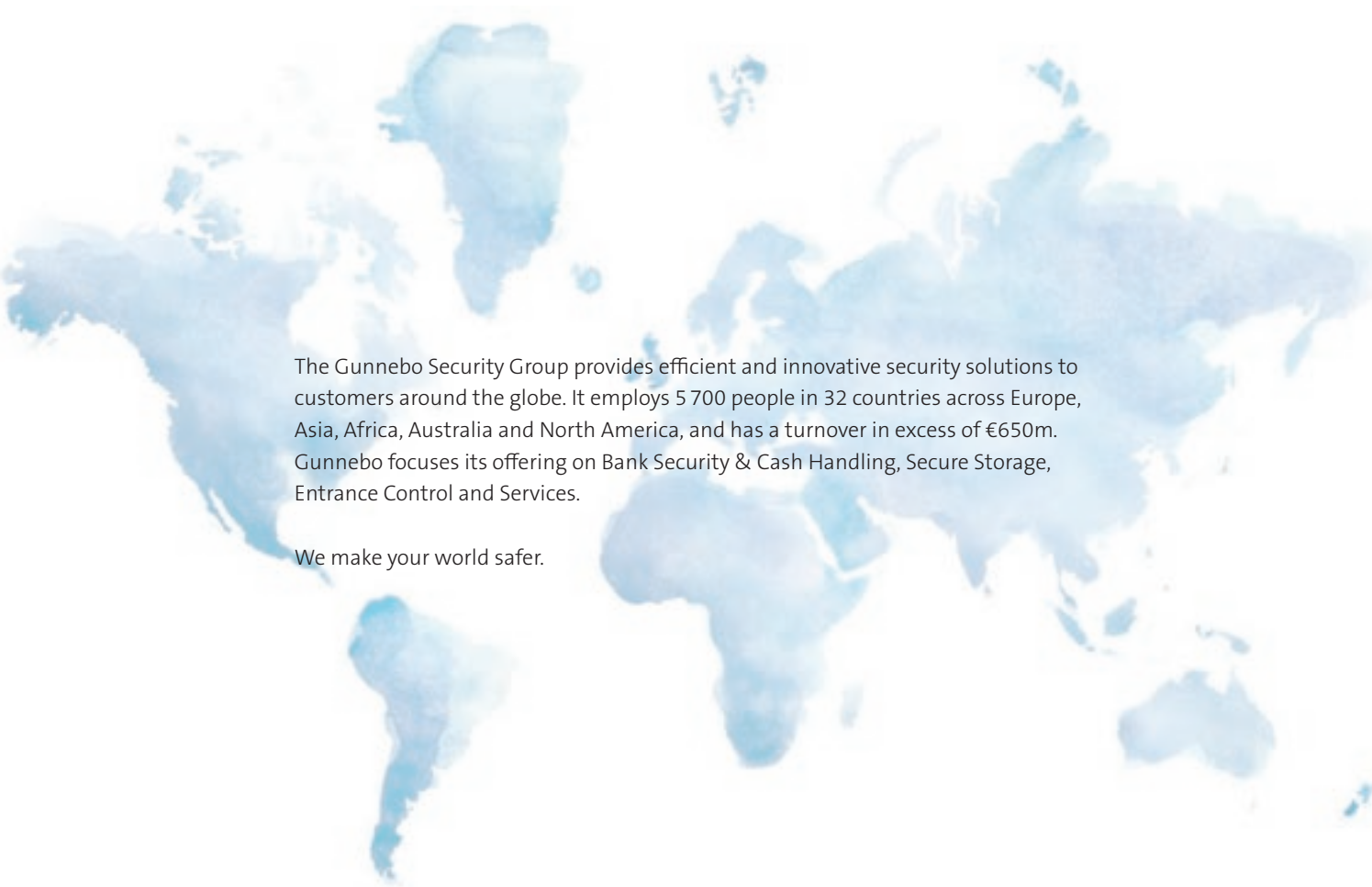
#### Features

- Low maintenance costs
- Installation in all climate zones possible
- Manual emergency lowering of the blocking element during power failure

elkosta Bollards	15000lbs	
	30mph	50mph
Automatic	Crash test ASTM F 2656-07 M30 - P1	Crash test ASTM F 2656-07 M50 - P2
Fixed shallow mounted	Vehicle impact simulation M30 - P1 (Triple unit)	Crash test ASTM F 2656-07 M50 - P1 (Triple unit)



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We make your world safer.

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