



## HSD Barrier

Defence Boom Barriers with electro hydraulic drive – the secure barrier

The range Anti-Terror/High Security consists of different system/products. Within the High Security range, the elkosta HSD Barrier forms a high degree of security against unauthorised entry and exit of motor vehicles. elkosta HSD Barriers destroy the chassis of the vehicle with a break through attempt. Cars and trucks are effectively kept out.

Typical areas of application are: embassies, governmental buildings research and development centres, penal institutions, power stations, industrial plants, military sites, airports and other high security zones. Boom Barriers, type elkosta HSD offer high security.

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### Applications and Functions

elkosta HSD Barriers form a secure barrier for cars or trucks up to medium weight. The elkosta HSD Barriers can be used individually or in combination with other elkosta products (e.g. Road Blocker DSP® K12, Tyre Killers, BLS Barriers, Crash Gates or Bollards); in a sluice arrangement forming a vehicle check point. Normally the boom is in a horizontal position and closes the roads entire width, in this position the boom is supported and locked. The boom rises to a vertical position to allow passage for motor vehicles. Due to the warning colour the barrier is clearly visible to approaching vehicles. As the elkosta HSD Barrier is bolted onto the foundation the lack of foundations in the road itself is not a problem at all. Thus installation is performed easily and fast.

### Advantages of the elkosta HSD Barrier

- Boom clearly visible due to red/white warning colours
- Clear width maximum 9 meters
- Rigid construction, all basic parts consist of steel with high tensile strength
- Easy assembly due to compact assembly-finished unit, drive stand, support strut and separate drive cabinet
- Tri-protect long-term corrosion protection
- Low maintenance cost
- Installation in all climate zones possible
- Emergency operation after power failure by hand pump
- Emergency closing function: "Panic closing" (function as option)

### "Everything from one source"

"Everything from one source" is our principle. Planning, manufacturing, installation and maintenance is our competence. Gunnebo stands at your side as a strong and experienced partner.