

DSP® K12 Road Blocker

The DSP® K12 Road Blocker offers the ultimate security against unauthorised wheeled vehicles of all sizes and weights. The full depth installation road blocker is suitable for applications where excavation is not restricted by utilities and services. The DSP® K12 barrier is crash tested to internationally accepted standards and remains operational after impact.

MAIN FEATURES

- Operational after impact
- Crash Tested and certified according to PAS 68: 2013 & DOS
- Blocking height: 1000mm
- Heavy duty fully enclosed design
- Emergency Fast Operation (EFO)*
- Environmentally friendly biodegradable oil*

*optional feature

Design

Road blocker with electro-hydraulic drive in separate drive cabinet. Blocking element with 2 nos. red warning lights.

Impact Energy

1852 kJ (7.5 t @ 80 km/h)
Crash test certified according to;
PAS 68 V/7500[N3]/80/90/0.0/18.0
DOS SD-STD-02.01 Rev. A 03/2003 K12/L3

Blocking Width

2000 - 4000mm in 500mm increments

Blocking Height

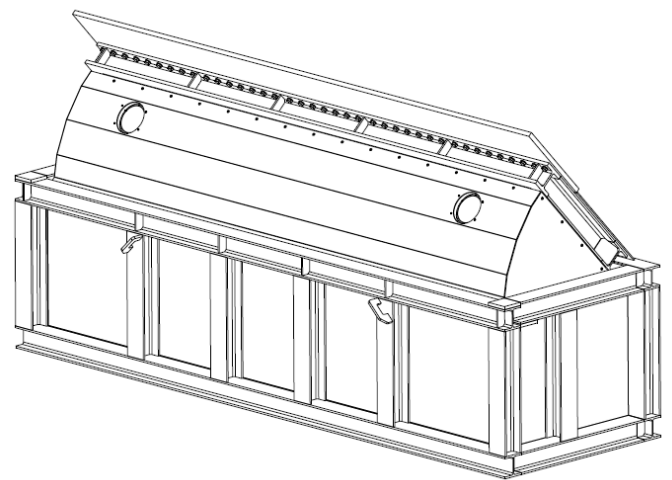
1000mm

Base Frame LxWxD

(blocking width + 290mm) x 1500 x 1100mm

Drive Cabinet HxWxD

1400 x 1200 x 400mm incl. 200mm high base (standard / EFO)
1800 x 1200 x 500mm incl. 200mm high base (RO3 for EU & EFTA countries)



Emergency Operation

Via hand pump (standard)
Accumulator incl. rechargeable batteries for 3 movements (RO3) (optional)

Operating Times

Raising: approx. 5 sec, lowering: approx. 4 sec (standard)
Emergency Fast Operation (EFO): approx. 2 sec raising (with optional accumulator)

Wheel Load

100 kN according to SLW60 – DIN 1072

Drive

4.0 kW, 400 V (three-phase), 50 Hz

Hydraulic Fluid

Mineral oil HLP 22 or biodegradable oil PlantoHyd 22 S, non-hazardous to water

Control Unit

PLC in control box installed in drive cabinet (standard)
PLC in separate control box for wall mounting inside a building (optional), control voltage 24 V

Supply Voltage

400 V (3Ph + N + PE), 50 Hz

