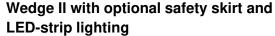
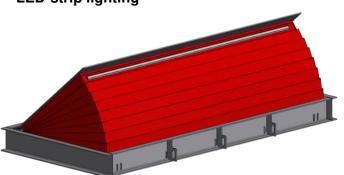


Technical Data Sheet

Wedge II standard configuration







Design: Wedge with electro-hydraulic drive unit in separate drive cabinet.

Kinetic Impact Energy: 1852 kJ (7.5 t @ 80 km/h)

Certification: Crash test certified according to PAS 68:2013 V/7500[N3]/80/90:0.0/20.7,

IWA 14-1:2013 V/7200[N3C]/80/90:0.0 and ASTM F2656/F2656M-15 M50/P1

Blocking Width: 2.0 m, 2.5 m, 3.0 m, 3.5 m and 4.0 m

Blocking Height: 1000 mm

Base Frame: L x W x H: (blocking width + 200 mm) x 1950 mm x 300 mm

Wedge can be raised manually via hand pump and lowered via ball cock valve or **Emergency Operation**

During Power Failure: drain valve (depending on hydraulic drive unit configuration)

Accumulator and rechargeable battery pack for three movement cycles (RO3)

with charged accumulator (optional)

Operating Times: Raising: approx. 3.5 sec, lowering: approx. 3.5 sec (standard)

Emergency fast operation (EFO): approx. 1 sec with charged accumulator

(optional)

Wheel Load: 100 kN according to SLW60 - DIN 1072 Drive: 4.0 kW, 400/690 V, three-phase, 50 Hz

Drive Cabinet: H x W x D: 1400 mm x 1200 mm x 400 mm incl. 200 mm high base

Hydraulic Fluid: Mineral oil HLP 22 or biodegradable oil Plantohyd 22 S, non-hazardous to

water

Control Unit: Microprocessor control unit WE-Tronic II in control box installed in drive cabinet,

control voltage 24 V DC

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

Control Box: Control unit configuration without rechargeable battery pack:

HxWxD = 600x400x210 mm, IP 66

Control unit configuration with rechargeable battery pack for RO3-function:

HxWxD = 800x400x300 mm, IP 66



Technical Data Sheet

Covering (Optional): Blocking element fitted with safety skirt

Front cover mounted to impact beam

Lighting (Optional): LED-strip lighting, red

Colour (Standard): Blocking element + optional front cover: RAL 7030 stone grey

> Base frame: RAL 7030 stone grey Cover plate: RAL 7030 stone grey Scissor joints: RAL 3000 flame red Hydraulic cylinder: RAL 3000 flame red Drive cabinet: RAL 7035 light grey Optional safety skirt: RAL 3000 flame red

Colour (Optional): Cover plate: V-striped RAL 1007 daffodil yellow / RAL 9005 jet black,

V-striped RAL 3000 flame red / RAL 9010 pure white

Optional safety skirt: cross striped RAL 1007 daffodil yellow / RAL 9005 jet black

cross striped RAL 3000 flame red / RAL 9010 pure white

or other RAL colours or DB colours

Scissor joints, hydraulic cylinder, blocking element and base frame:

other RAL colours

Weight: Approx. 1500 – 2000 (wedge)

Approx. 280 – 400 kg (drive cabinet)

Temperature Range: -20°C ... +60°C

Document: 1308568

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