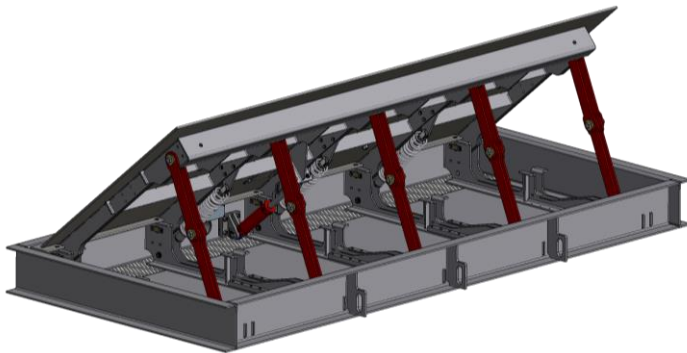


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## Technical Data Sheet

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**Wedge II standard configuration**



**Wedge II with optional safety skirt and LED-strip lighting**



<b>Design:</b>	Wedge with electro-hydraulic drive unit in separate drive cabinet.
<b>Kinetic Impact Energy:</b>	1852 kJ (7.5 t @ 80 km/h)
<b>Certification:</b>	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
<b>Blocking Width:</b>	2.0 m, 2.5 m, 3.0 m, 3.5 m and 4.0 m
<b>Blocking Height:</b>	1000 mm
<b>Base Frame:</b>	L x W x H: (blocking width + 200 mm) x 1950 mm x 300 mm
<b>Emergency Operation During Power Failure:</b>	Wedge can be raised manually via hand pump and lowered via ball cock valve or drain valve (depending on hydraulic drive unit configuration) Accumulator and rechargeable battery pack for three movement cycles (RO3) with charged accumulator (optional)
<b>Operating Times:</b>	Raising: approx. 3.5 sec, lowering: approx. 3.5 sec (standard) Emergency fast operation (EFO): approx. 1 sec with charged accumulator (optional)
<b>Wheel Load:</b>	100 kN according to SLW60 – DIN 1072
<b>Drive:</b>	4.0 kW, 400/690 V, three-phase, 50 Hz
<b>Drive Cabinet:</b>	H x W x D: 1400 mm x 1200 mm x 400 mm incl. 200 mm high base
<b>Hydraulic Fluid:</b>	Mineral oil HLP 22 or biodegradable oil Plantohyd 22 S, non-hazardous to water
<b>Control Unit:</b>	Microprocessor control unit WE-Tronic II in control box installed in drive cabinet, control voltage 24 V DC
<b>Supply Voltage:</b>	400 V (3Ph + N + PE), 50 Hz
<b>Control Box:</b>	<b>Control unit configuration without rechargeable battery pack:</b> HxWxD = 600x400x210 mm, IP 66 <b>Control unit configuration with rechargeable battery pack for RO3-function:</b> HxWxD = 800x400x300 mm, IP 66

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## Technical Data Sheet

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<b>Covering (Optional):</b>	Blocking element fitted with safety skirt Front cover mounted to impact beam
<b>Lighting (Optional):</b>	LED-strip lighting, red
<b>Colour (Standard):</b>	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
<b>Colour (Optional):</b>	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
<b>Weight:</b>	Approx. 1500 – 2000 (wedge) Approx. 280 – 400 kg (drive cabinet)
<b>Temperature Range:</b>	-20°C ... +60°C