

TECHNICAL DATA



WEDGE II

Design	Wedge with electro-hydraulic drive in separate drive cabinet. Optional: Wedge fitted with safety skirt	
Impact Load	1852 kJ (7.5 t @ 80km/h) Certified according to PAS68 V/7500[N3]/80/90:0.0/20.7 and IWA 14-1 V/7200[N3C]/80/90:0.0	
Blocking Width	2.0m, 2.5m, 3.0m, 3.5m and 4.0m	
Blocking Height	1000mm	
Base frame	L x W x H: (blocking width + 200mm) x 1950mm x 300mm	
Drive Cabinet	H x W x D: 1400mm x 1200mm x 400mm incl. 200mm high base	
Emergency Operation	Via hand pump (standard) Accumulator incl. rechargeable batteries for 3 movements (RO3) (optional)	
Operating Times	Raising: approx. 3.5sec, lowering: approx. 3.5sec (standard) Emergency fast operation (EFO): approx. 1 sec (with optional accumulator)	
Wheel Load	100kN according to SLW60 – DIN 1072	
Drive	4.0kW, 400 V (three-phase), 50Hz	
Hydraulic Fluid	Mineral oil HLP 22 or biodegradable oil plantohyd 22 S – NWG, water hazard class 1	
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	
Control Box	Control unit configuration STANDARD: HxWxD = 400x400x200mm, IP 66 Control unit configuration STANDARD: HxWxD = 400x400x200mm, IP 66 Control unit configuration VARIO BASIC: HxWxD = 600x400x200mm, IP 66 Control unit configuration VARIO EFO: HxWxD = 600x400x200mm, IP 66 Control unit configuration VARIO RO3: HxWxD = 800x400x300mm, IP 66	
Weight	Approx. 1500 – 2000 (wedge) Approx. 280 – 400kg (drive cabinet)	
Lighting (Optional)	LED-strip lighting and front cover fitted to impact beam	
Colour (Standard)	Blocking element	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
Temperature range	-20°C – 60°C	

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