



## TECHNICAL DATA



TRACKED GATE M50

<b>Design</b>	Crash rated sliding gate on ground track with electro-mechanical drive unit, guiding portal, receiving portal and gate leaf consisting of bottom impact beam and top gate leaf panel	
<b>Impact Load</b>	ASTM F 2656-07	1699 kJ (15,000 lbs @ 50mph)
	PAS 68:2010	1852 kJ (7.5 t @ 80m/h)
	Crash test certified according to ASTM F 2656-07m50/P1 and PAS 68:2010 V/7500[N3]/80/90:0.0/4.3 (tested with 7m CWO)	
<b>Clear Width of Opening</b>	3.0m, 4.0m, 5.0m, 6.0m and 7.0m	
<b>Blocking Height</b>	Gate height incl. 100mm ground clearance: 2000mm, 2500mm and 3000mm	
<b>Clear Width between Posts</b>	Clear width of opening + 200mm	
<b>Frame Width</b>	Clear width of opening + 2308mm	
<b>Gate Infill</b>	Bar infill made of square hollow section SHS 30 with max. 120mm clearance (standard), special infill on request	
<b>Ground Track</b>	S10 to bolt onto top edge of foundation, top of rail 20mm above finished floor level	
<b>Foundation Depth</b>	400mm (shallow foundation)	
<b>Foundation Top Edge</b>	100mm below finished floor level	
<b>Emergency Operation during Power Failure</b>	Manually after disengagement of motor by clutch lever	
<b>Operating Speed</b>	Normal operation: up to 0.4m/s	
<b>Emergency Fast Operation (EFO)</b>	Up to 0.8m/s (optional, only available for Non-European countries)	
<b>Drive</b>	1.5kW, 400 V (three-phase), 50Hz	
<b>Control Unit</b>	WE-Tronic II in control box below drive unit cover (standard), WE-Tronic II in control box for indoor wall installation (optional), control voltage 24V	
<b>Supply Voltage</b>	400 V (3Ph + N + PE), 50 Hz	
<b>Control Box</b>	H x W x D: 600mm x 400mm x 200mm, IP54	
<b>Applied Standards</b>	DIN EN 13241-1 Industrial, commercial and garage doors and gates Product standard - Part 1 EC-Machinery Directive (2006/42/EC) EMC Directive (2004/108/EC) Low Voltage Directive (2006/95/EC)	
<b>Weight</b>	Approx. 4660 – 6890kg (depending on CWO and gate height)	
<b>Colour (Standard)</b>	RAL 6005 – moss green RAL 7016 – anthracite grey RAL 7030 – stone grey RAL 7035 – light grey RAL 9010 – pure white	
<b>Colour (Optional)</b>	All other RAL colours or DB colours	
<b>Drive Unit Cover</b>	In RAL colour of gate (standard) All other RAL colours or DB colours	
<b>Temperature Range</b>	Control unit: -10°C ... +50°C Drive unit: -20°C ... +40°C (with power reduction up to +60°C)	

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