



TECHNICAL DATA



TRACKED GATE M50

Design	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	
Impact Load	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)	
Clear Width of Opening	3.0m, 4.0m, 5.0m, 6.0m and 7.0m	
Blocking Height	Gate height incl. 100mm ground clearance: 2000mm, 2500mm and 3000mm	
Clear Width between Posts	Clear width of opening + 200mm	
Frame Width	Clear width of opening + 2308mm	
Gate Infill	Bar infill made of square hollow section SHS 30 with max. 120mm clearance (standard), special infill on request	
Ground Track	S10 to bolt onto top edge of foundation, top of rail 20mm above finished floor level	
Foundation Depth	400mm (shallow foundation)	
Foundation Top Edge	100mm below finished floor level	
Emergency Operation during Power Failure	Manually after disengagement of motor by clutch lever	
Operating Speed	Normal operation: up to 0.4m/s	
Emergency Fast Operation (EFO)	Up to 0.8m/s (optional, only available for Non-European countries)	
Drive	1.5kW, 400 V (three-phase), 50Hz	
Control Unit	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	
Supply Voltage	400 V (3Ph + N + PE), 50 Hz	
Control Box	H x W x D: 600mm x 400mm x 200mm, IP54	
Applied Standards	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)	
Weight	Approx. 4660 – 6890kg (depending on CWO and gate height)	
Colour (Standard)	RAL 6005 – moss green RAL 7016 – anthracite grey RAL 7030 – stone grey RAL 7035 – light grey RAL 9010 – pure white	
Colour (Optional)	All other RAL colours or DB colours	
Drive Unit Cover	In RAL colour of gate (standard) All other RAL colours or DB colours	
Temperature Range	Control unit: -10°C ... +50°C Drive unit: -20°C ... +40°C (with power reduction up to +60°C)	