

ENTRAQUICK FOLDING GATE I

STATE OF THE ART FOUNDATION AND REINFORCEMENT



Our EntraQuick® quick folding gate is a TÜV type-tested, trackless bi-hinged gate, which is ideally suited to keep your driveways secured and pedestrian safe. Due to its trackless design, it offers high-speed capability allowing a quick opening and closing after every vehicle entry or exit. This makes it efficiently support smooth workflows in everyday operation, practically on train railways and busy parking lots.

EntraQuick® provides full-height perimeter protection in its closed position. EntraQuick Folding Gate offers trackless and unobstructed security for each entry or exit situation. It's fully cantilevered and has been designed with rationality in mind. This product is also known as a smart security solution designed as a combination of a barrier and a gate.

EntraQuick® is particularly stable and doesn't require an additional floor lock in the closed position. Due to its solid bar infill and the ingenious lever kinematics, no run-back area is required for this solution.

EntraQuick® Folding Gates can be installed easily and quickly thanks to pre-assembled drive posts and folding leaf units. It is driven by two AC motors. The gate leaves fold open inwards towards the secure site and each leaf can be opened separately if required.

The quick folding gates are perfect substitutes for the combined sliding gate and barrier installation at access points. In combination with the Ezi turnstiles, it creates a vehicle access point with pedestrian separation.



STANDARD TECHNICAL SPECIFICATIONS

Dimensions	Clear Width (CW): from 3000 - 6000 mm in 500 mm increments Distance between posts: CW + 520 mm Gate height (incl. 100 mm ground clearance): 2050 or 2450 mm Foundation depth: 900 mm Foundation top edge: 200 mm below finished floor level Optional: alternative floor recess for up to 200 mm lowered foundation
Opening Direction	Opening inwards Optional: opening outwards
Opening Angle	90° maximum opening
Gate Leaves	Gate leaves frame made of rectangular hollow section RHS 80x60x3
Gate Infill	Bar infill made of rectangular hollow section RHS 30x20 with a clear distance of max. 120 mm
Anti-Climbing Device	Serrated top rail



ENTRAQUICK FOLDING GATE I

STATE OF THE ART FOUNDATION AND REINFORCEMENT



STANDARD TECHNICAL SPECIFICATIONS

Gate Posts	Drive posts made of square hollow section SHS 200x6 complete with welded-on top plate and base plate to bolt onto foundation. Optional: Post(s) fitted with fence connection system	Control Devices	Induction loops, additional light beam in light beam posts at HGV height, additional key switch OPEN/ CLOSE / STOP, key switch OPEN / CLOSE / EMERGENCY STOP, key switch ON / OFF for automatic closing etc., key switch partial opening, key switch fire brigade, remote control with hand held transmitter, table top push button, timer, code key pad, card reader, intercom system
Locking	Locking via drive system and mechanical locking device consisting of gate reception fork on one folding gate leaf and infeed rollers on the other folding gate leaf.	Signalling Devices (Optional)	Flashing permanent light or rotating beacon (LED), LED spot light, traffic light
Operating Speed	Up to 1.0 m/s (double leaf, depending on CW)	Status Indication (Optional)	Potential-free contacts "Gate open/closed"
Drive Unit	Drive unit systems consisting of gearbox motor, base plate, drive arm, manual release, limit switches, limit switch cams and drive unit cover. Motor: 0.25 kW, 3~ 230 V Δ, 50 Hz	Finish	Hot-dip galvanised finish or hot-dip galvanised and powder-coated in Standard RAL colour 6005, 7016, 7030, 7035 or 9010 Optional: all other RAL colours
Emergency Operation (Power Failure)	Manual operation following removal of padlock and release of drive arm	Control Unit	Control unit WE-Tronic II complete with 2 nos. frequency converters 0.75 kW in control box HxWxD=600x400x210 mm, prepared for automatic functions, control voltage 24 V DC.
Supply Voltage	230 V (1Ph + N + PE), 50 Hz	Control Box	Fitted with rain cover and mounted to one of the drive posts Optional: for wall installation inside a building, max. distance 50 m Optional: installed in separate outdoor cabinet HxWxD=1200x600x400 mm incl. 200 mm high socket, max. distance 50 m
Control Device	1 no. key switch "Open-Stop-Close" in one of the drive posts (on the outside for opening direction inwards and on the inside for opening direction outwards respectively)	Weight	Approx. 650 kg for maximum applicable dimension
Safety Devices	Safety edges to stop and reverse the gate by approx. 10 cm in opposite direction on contact. 4 nos. horizontal safety edges on bottom rails 2 nos. vertical safety edges on front side stiles Light beam between drive posts at car and HGV height as well as in separate light beam posts on the side of the folded gate leaves at car height	Foundation	Reinforced foundation according to manufacturer's instructions
Certification	Type-tested by notified body TÜV Nord		