

## Quick Folding Gate I & II

The smart combination of gate and barrier



The Werra Quick Folding Gate (QFG) is an innovative trackless bi-folding gate that provides maximum security for entry and exit in every situation thanks to its high opening and closing speed. It is fast, sturdy, very reliable and requires little maintenance due to its trackless design. The QFG was developed with rationality

in mind and offers an alternative to a sliding gate in combination with a boom barrier. It is suited for passage of heavy and large trucks as there is no track or locking in the driveway and no top guide rail limiting the passage height. The gate locks in the closed position in normal operation and in the event of power failure. It is available in

various models and colours with standard sizes. The QFG is designed for continuous operation and is therefore predestined for use at locations such as logistic centres or ports. Last but not least the QFG is one of the world's few bi-folding gates with TÜV certification according to DIN EN 13241-1!

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For a safer world

# Quick folding gate

## Features

- Bar infill
- TÜV type-tested according to DIN EN 13241-1 and to EC-Machine Directive (2006/42 EC)
- Operating temperature from -20 °C to +60 °C
- Top edge foundation below finished floor level



The QFG is available in two different design versions

### QFG I

- Clear opening width: 3.0-6.0 m in 500 mm increments
- Gate height: 2.05 m and 2.45 m
- Opening and closing speed up to 1 m/s
- Interlocking of gate leaves via reception fork and in-feed roller

### QFG II

- Clear opening width: 4.0 - 8.0 m in 500 mm increments
- Gate height: 2.05 m, 2.55 m and 3.05 m
- Use of standard profiles
- Opening and closing speed up to 1 m/s
- Hinges with integrated cable feed
- Locking via drive mechanism supported by interlocking of gate leaves through reception fork and in-feed roll



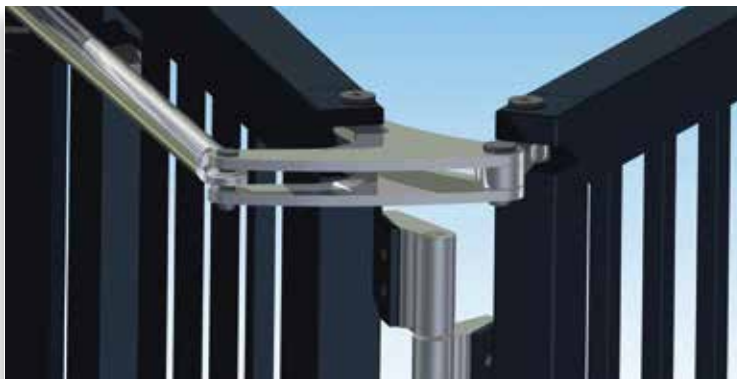


### Reliable protection even during heavy traffic

The QFG is powered by a three-phase 400V motor with a frequency converter and requires 230 V AC single phase power supply only. The gate leaves a secure site and each leaf can be opened separately if required. The QFG is fitted with special safety edges and light beams for safety reasons. It is available with optional extras such as remote control, flood light, rotating beacon and induction loops.

### Fast cycle time

Conventional sliding gates usually operate at approx. 0.20 m/s, which makes them unsuitable for high volume traffic control. For example a six-metre sliding gate has an opening/closing cycle of approximately one minute, whereas the cycle time of the QFG is only a few seconds. The QFG provides a high level of security by protecting entrances adequately even at times of high traffic loads.



### Optimum protection through proper combination

Paired with other products the QFG provides a high degree of security. For example if used in combination with a turnstile it creates a vehicle access point with pedestrian separation. The entrance area is blocked again immediately after the passage of a vehicle, thus ensuring complete protection of the perimeter. Along with wedge barriers and/or bollards the QFG offers fast protection against forceful entry of vehicles and people. This solution is ideal for protecting against terrorist attacks and guarantees a high level of protection.



