

# Werra Steel Gates

- for ultimate adaptive security



Werra dedicates all of its expertise to development, production and service. All its products are therefore state of art and are tailored precisely to customers' needs. Detailed research into the market guides us towards innovations. It goes without saying that the gates' security standard matches

that of all our products. Fitting is very simple, as you would expect from Werra. Construction analyses based on advanced computer simulations of realistic extreme loads to optimise manufacturing tolerances, cost and reliability of all components. All gates are prefabricated in our factory and

are then subjected to functionality tests. Such a simplified procedure brings other benefits too. A very good price/performance ratio is just as convincing as the innovative technology and attractive design. Werra offers TÜV type tests according to DIN EN 13241-1 or all electrically operated gates.



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# Werra steel gates

## Werra steel gates at a glance

- Modern design
- Smooth, silent and fast operation
- High stability - even with large opening widths
- Gate frame produced as statically calculated single-wing design
- Covered and therefore protected drive and security technology
- Corrosion protection offered by galvanising and coating using the elkosta TRI-PROTECT® procedure
- Time-saving installation due to high prefabrication
- Long-time function reliability and low maintenance
- TÜV type tests according to DIN EN 13241-1
- High security standards in accordance with DIN EN 12453



## Cantilevered sliding gates - for smooth vehicle entry

Sliding gates are used to control and regulate access and to improve entrance security. They are an indispensable part of the chain and

offer not only optimum use of the access area but also a high level of security. Cantilevered sliding gates from Werra are independent of the

road surface or road incline. They guarantee maximum reliability in cases of bad weather conditions such as ice and snow.

## Features

- No tracks in the road surface
- Hence, weather conditions such as snow, ice or dirt have no effect on the running characteristic
- Various accessories for individual adaption



### EcoGate - lightweight cantilevered gate design with full functionality

The Werra EcoGate is probably the most convertible within the range of cantilevered sliding gates. The gate offers some price advantages with full functionality due to its lightweight and compact design. The variable fillings offer a wide range of individual design options.

Whether welded mesh, palisade- or perforated sheets - everything is possible. The entire structure looks dynamic, thanks to its oblique load end. Despite its lightweight design, the Werra EcoGate offers maximum security. This is type approved by German TÜV according to EN

13241-1. The elkosta TRIPOTECT® long-term corrosion protection procedure with proven 2000 hours salt spray test according to EN ISO 7253/ISO 9227 ensures the durability of the EcoGate gate systems, environmental influences notwithstanding.



### Features

-  Clear opening width: 6.000 mm, 7.000 mm, 8.000 mm, 9.000 mm, 10.000 mm
-  Height (with 100 mm ground clearance): 1.850 mm, 2.050 mm
-  Opening directions: right and left
-  Opening or closing times: max. 0,2 m/sek.
-  Drive:
  - hand operated
  - Eco Drive 24 VDC (only for a clear opening width up to 6 m)
  - We – Tronic II 230 VAC
-  Coating: The elkosta TRIPOTECT® corrosion protection system fulfills the requirements of the ISO EN 7253/ ISO 9227, salt spray test.
-  Profiles of hot-dip steel strip (sendzimir galvanized) FVZHX380LAD +Z275MAC, according to DIN EN 10 346 and DIN EN 10 143, WN 1.0934
-  Fillings: Welded mesh-, palisades- and perforated sheet filling
-  Colors: RAL 6005 moss green; RAL 7016 anthracite grey; RAL 7030 stone grey; RAL 7035 light grey; RAL 9010 pure white



# Tracked sliding gates

## Different types for industrial and private application

### RT-H type

Through its manually-operated gate systems on tracks, Werra is providing a cost-effective yet solid form of closure. The manually-operated gate can be built with an opening width up to 9m.

These gates are not subject to any limitations on operating convenience and can be used with remote control to code card readers.

with limited back-up space! The gates are fitted by trained local partner companies. In compliance with the most recent European standards, accident prevention specifications, the rules of the VDE, DIN standards and consideration of the most recent findings into environmentally aware surface technology for optimum long-term protection are part of our total package.

### RT-E type

Motorised tracked gates by Werra are a secure alternative to cantilevered sliding gates.

### RT-TE type

The motorised telescopic tracked gate by Werra is synonymous with extremely high precision and quality. Very large opening widths can be realised even



Typ SF-H / RT-H

- Hand-operated
- Good price-performance ratio
- Clear opening width up to 10 m

Typ SF-E / RT-E

- Power-operated
- Designed as dead man control to fully automatic system
- Opening width up to ca. 20m (cantilevered version) or up to 50m (tracked version)



Typ SFT-E/RTT-E

- Telescopic gate in case of reduced space in the rear area
- Thanks to a special drive technology, both wings reach the end position at the same time
- Opening width up to ca. 15m (cantilevered version) or up to 50m (tracked version)



### Telescopic gates or special gates

When a special adaptation or a very large opening is needed, Werra special or telescopic gates are the logical choice. All our competence comes together in these gates, be it taxiway gates for airports or other specialised applications, these gates are able to deliver the requirements you are looking for. The Werra motorised tracked telescopic gate is synonymous with extremely high precision and quality. Very large opening widths can be realised even with limited back-up requirement! These gates ensure optimum security. To prevent accidents, the gate leafs have transparent acrylic protection sheets.

#### Features

- Tracked or cantilevered types
- Very large opening widths even with limited back-up space
- Adaptability to customer needs, as solid infill, bars, wooden infill, company logo etc.
- Accident prevention through acrylic transparent protection against crushing, shearing and drawing in
- Gate frame produced as statically calculated single-wing design
- Covered and therefore protected drive and security technology



### Cantilevered Sliding Gate CT 260

Werra's sliding gate CT 260 will turn your company's entrance into an eye-catcher. The materials and coating used also produce an attractive long-time appearance. The drive consists of a robust, zero-maintenance worm gear motor adapted to the gate size. The motor drive runs on the integrated chain, which is the safest drive principle for gates today. In the event of a power failure or operating fault, manual emergency decoupling can be used to separate the gate leaf from the motordrive.

#### Benefits

- No foundations or track needed in the passage area
- Clear widths of 3m up to 9m
- Heights of 1m to 2,45m
- Optional fence connection brackets
- High quality corrosion protection
- Low-maintenance





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