Gate XL

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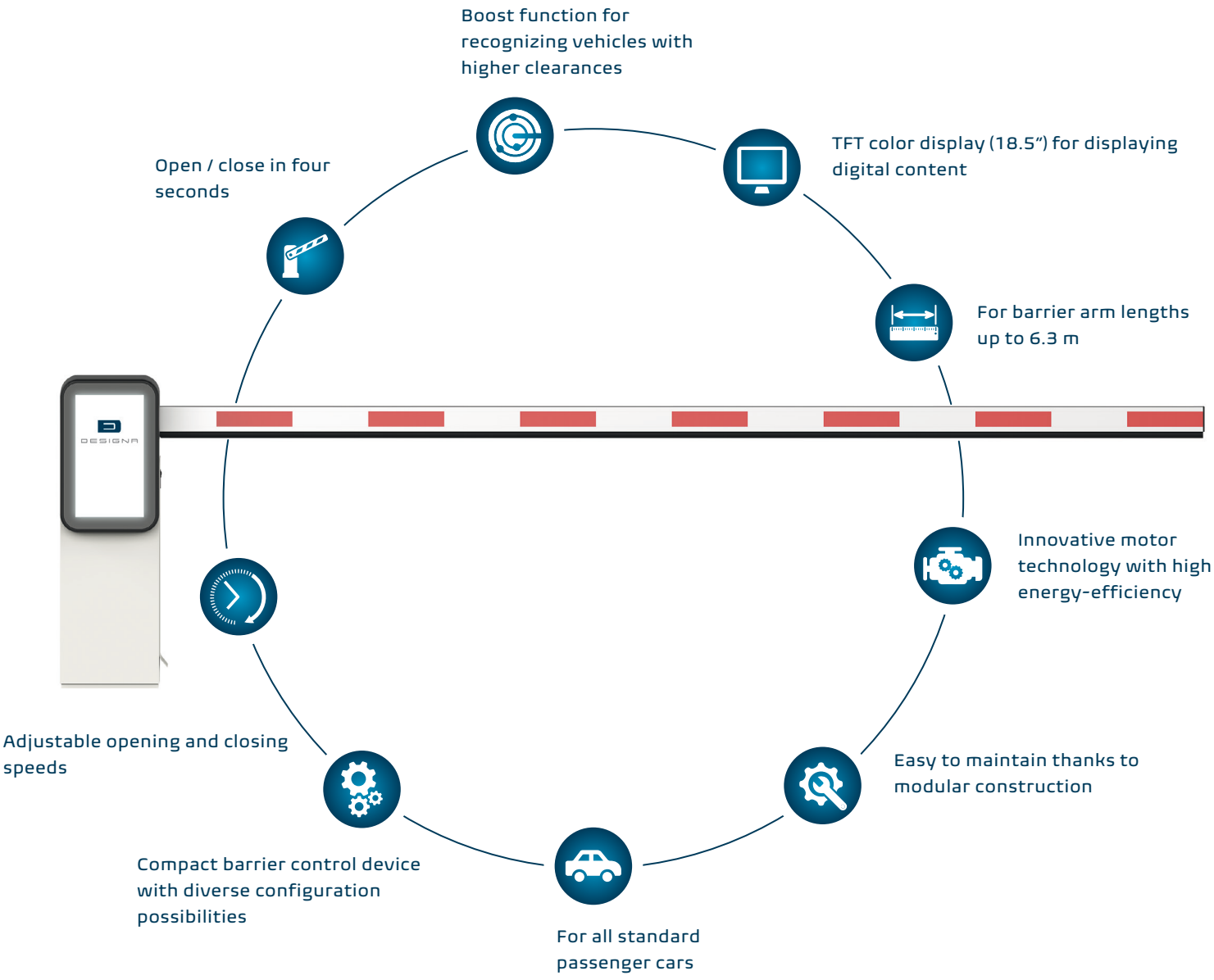
Reliable and energy-saving barrier with a sleek design and cutting-edge control technology. The robust and high-quality barrier was developed according to the latest standard for parking management systems and is surprisingly versatile.



Shown with optional features

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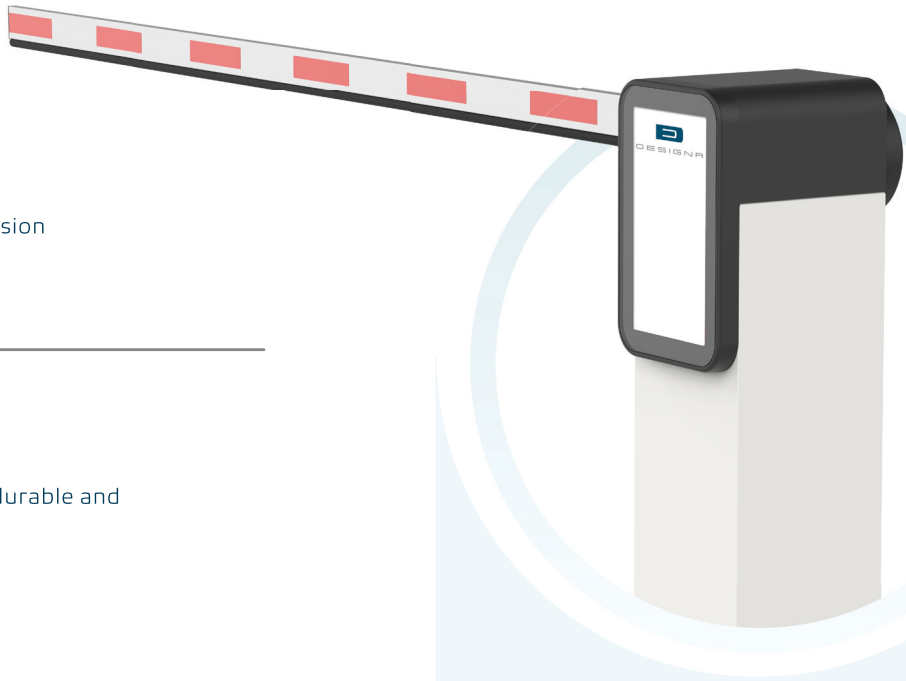

Base configuration

Casing

- Best possible protection against corrosion
- Extremely robust design

Drive unit

- Brushless DC motor, wear-resistant, durable and maintenance free
- High energy-efficiency
- Outstanding durability
- Motor & gearing in a compact unit
- Fast response time
- Non-contact reversing mechanism
- Adjustable opening and closing speeds

Barrier arm

- Standard barrier arm, mounted on the right side, barrier arm length 6.3 m, can be shortened individually
- Pendulum support or support post required from a barrier length of 4 m (optional)

Barrier control unit

- Interfaces for modern control technologies
- Integrated two-channel induction loop detector
- Simple parameterization via operating keys or configuration tool via PC
- Extensive configuration options
- Automatic frequency selection of the detectors
- Boost function (ASB) to automatically increase sensitivity for vehicles with high clearances
- Configurable behavior in case of power outage:
  - Barrier opens automatically after power outage[1]
  - Barrier remains closed and locked
  - Barrier remains closed and unlocked

Now you can:

- Easily configure the barrier during setup (automatic frequency selection, PC function keys and configuration tool)
- Adjust opening and closing speeds individually
- Define barrier behavior in the case of power outage (automatically open, remain closed/locked, remain closed/unlocked)
- Benefit from integration in a modern network (USB interface for PC-controlled parameter control, Ethernet interface for connecting the gate to a network)
- Automatic detection of vehicles with high clearances thanks to automatic boost function (ASB)
- Save on costs thanks to maximum energy efficiency
- Save on costs thanks to a durable and solid housing construction and the use of robust ball bearings
- Use the barrier even in areas with high wind loads

[1] Only for barrier arm lengths up to 3.7 m

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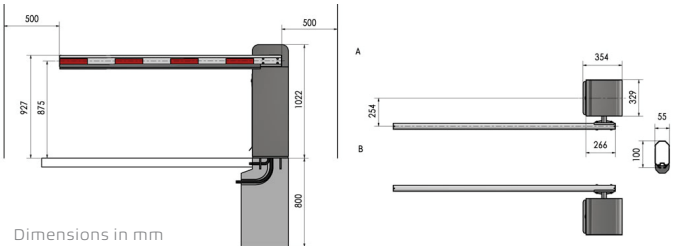
Optional

- Barrier arm mounted on the left
- Pendulum support or support post
- Electromechanical support lock with control unit
- Light barrier reflector or photoelectric proximity switch
- TFT color display (18.5") for displaying digital content, such as dynamic pricing developments, occupancy data, routing directions or advertisements
- Ultrasonic sensor
- Key switch
- Fire brigade switch
- Additional external two-channel induction loop detector
- Radio remote control possible
- Optional 2 terminals controlling one barrier for the operation of one barrier from two control terminals
- Thermostatically regulated heater
- Surge arrester
- Custom paint jobs on request
- Installation of a relay
- Red LED warning light
- Yellow LED signal light
- Red LED flashing light
- Ram protection rail or posts
- Foundation frame/mounting kit

Design

- Casing body made from galvanized steel, casing door and cover made from stainless steel 1.4016, pedestal made from stainless steel 1.4301 (V2A), outer and inner surface with durable, weather-resistant powder coating
- Casing door locked with a cylinder lock
- Barrier arm made of octagonal aluminum profile, weather-resistant white coating, with red reflective strips, lower edge with shock-absorbing edge protector



Dimensions in mm

Technical data

- Type: GATE2-P4000
- Power supply: 100-240 V AC, 50/60 Hz
- Current consumption (power supply 230 V AC, 50 Hz): 0.25 A
- Current consumption with activated heater: max. 6 A
- Power consumption (power supply 230 V AC, 50 Hz): max. 25 W
- Power consumption with activated heater: 500 W
- Network system: TN-S system
- Pre-fuse: max. 16 A
- Terminal cross-section: max. 2.5 mm²
- Connection type: Tension spring connection
- Protection class: I
- Control voltage: 24 V DC
- Rating: IP 54
- Temperature: Operation: -20 to +50° C With heater: -30 to +50° C Storage: -30 to +70° C
- Wind force: max. 10 Bft
- Barrier arm length: up to 6.3 m
- Weight: 50 kg without the barrier arm
- Dimensions: see figure

Safety/regulations

- CE Declaration of Conformity in accordance with Machinery Directive 2006/42/EG, EMV 2014/30/EU and Construction Products Regulation 305/2011

Colors

- Casing body and door: RAL 9016 (Traffic White)
- Cover: RAL 9017 (Traffic Black)

Contact

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