

# BATOR industrial door systems

Resolute in quality and performance



**bator**





## **BATOR** Durable quality solutions

The BATOR Group has been in the business of designing, engineering, manufacturing, installing and servicing state-of-the-art industrial doors ever since 1956. We provide customers around the world with sophisticated, robust and high quality constructions in a sleek design and with an outstanding service throughout the product lifecycle.

All industrial doors BATOR creates are custom-made with a bespoke drive system, designed and built to satisfy the highest demands. Each door is engineered and produced in-house before it is shipped to any location worldwide. This gives us full control of the quality of the manufacturing process and all door components. We ensure that our industrial doors provide maximum safety and comfort as well as an exceptionally long service life at low maintenance costs.





## **BATOR**

The complete range of industrial doors

> **Folding doors**

Universal usage for high operating frequencies

> **Sliding doors**

Sophisticated design and versatile use

> **Sliding-folding doors**

Ingenious space-saving stowage

> **Telescopic sliding doors**

Ideal for facades with limited side space

> **Horizontal sectional doors**

A neat solution for large openings with limited side space

> **Specialty doors**

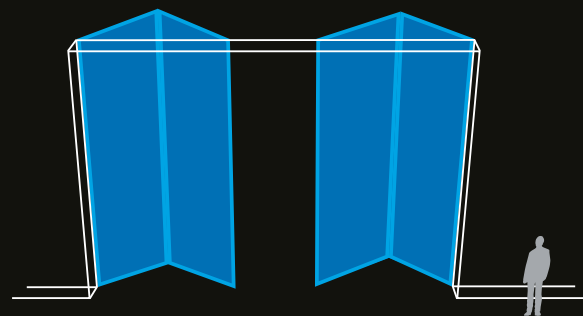
The ultimate discipline in industrial door construction





## Folding doors

Universal usage for high operating frequencies



- › The classic industrial door, robust and suitable for high opening and closing frequencies
- › Manual or automatic operation
- › Clear opening width up to 6.5 m (22 ft) for automatic doors, unlimited for manual doors
- › Height up to 10 m (33 ft)
- › Suspended or bottom rolling
- › Cladding: Glass sheets, insulated panels, stretch metal, corrugated metal sheets, etc

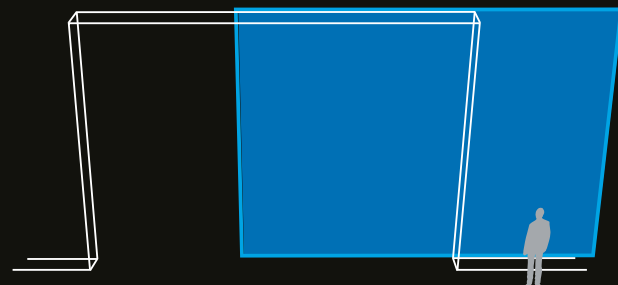




## Sliding doors

Sophisticated design and versatile use

- › Designed for large openings, such as hangars, industrial halls or warehouses
- › Manual or automatic operation
- › Clear opening width up to 35 m (115 ft)
- › Height up to 12 m (40 ft)
- › Suspended or bottom rolling
- › Cladding: Glass sheets, insulated panels, stretch metal, corrugated metal sheets, etc

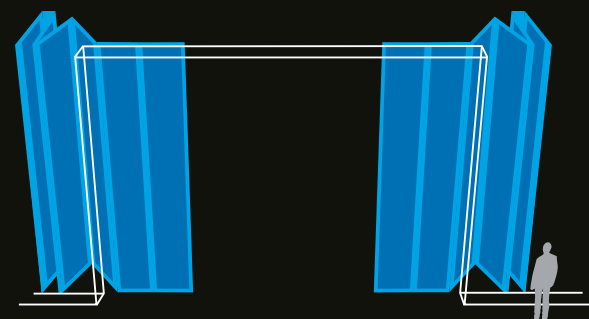






## Sliding-folding doors

Ingenious space-saving stowage



- › Unique sliding-folding mechanism of the door panels to maintain the full width of the wall opening
- › Manual or automatic operation
- › Clear opening width up to 35 m (115 ft)
- › Height up to 10 m (33 ft)
- › Suspended or bottom rolling
- › Requires stacking space
- › Cladding: Glass sheets, insulated panels, stretch metal, corrugated metal sheets, etc

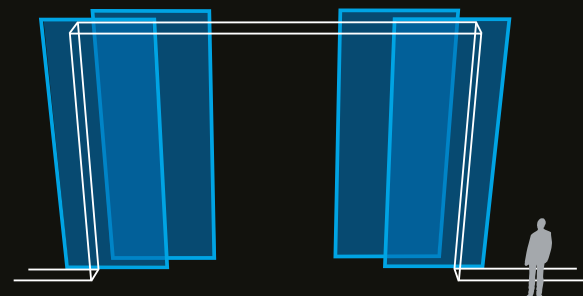




## Telescopic sliding doors

Ideal for facades with limited side space

- › The right choice for any opening width
- › Manual or automatic operation
- › Clear opening width: unlimited
- › Height up to 18 m (59 ft)
- › Suspended or bottom rolling on single track or multiple tracks
- › Cladding: Glass sheets, insulated panels, stretch metal, corrugated metal sheets, etc

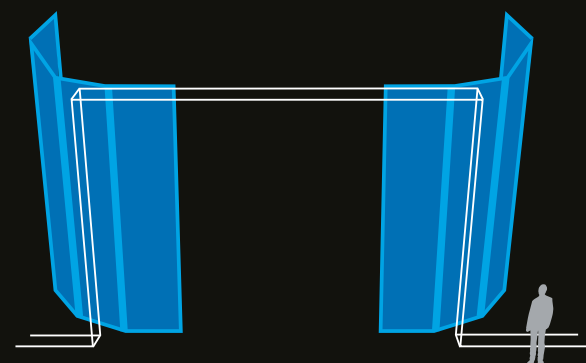






## Horizontal sectional doors

A neat solution for large openings with limited side space



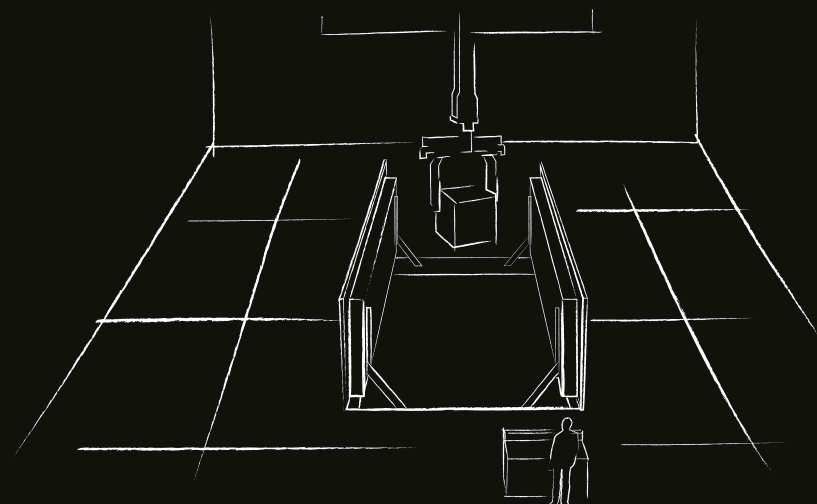
- › Door panels slide laterally to the rear
- › Manual or automatic operation
- › Clear opening width: unlimited
- › Height up to 18 m (59 ft)
- › Suspended or bottom rolling on single track or multiple tracks
- › Cladding: Glass sheets, insulated panels, stretch metal, corrugated metal sheets, etc





## Specialty doors

The ultimate discipline in industrial door construction



- › Highly customized solutions
- › Exclusive make-to-order concept
- › Equipment and protective systems intended for use in potentially explosive atmospheres (ATEX)
- › Produced in stainless steel with superalloy additives (eg molybdenum) for atmospheres containing chloride
- › Flap systems to cover lower track
- › Fire rated tunnel door (up to 240 min)
- › Explosion resistance up to 100 kN/m<sup>2</sup>



## Typical application areas

BATOR provides the public and private sectors with enduring quality solutions. The table below lists the industrial door types BATOR generally recommends and implements for specific applications.

Application	Door type					
	Folding	Sliding	Sliding-folding	Telescope sliding	Horizontal sectional	Speciality
Fire station	•		•			
Hospital	•		•			
Industrial premises (eg repair shop)		•				
Train, tram, bus sheds (public transport)	•				•	•
Subway	•	•				•
Railway/Road tunnel						•
Army camp	•			•		
Air force (hangar, maintenance shed)			•	•		•
Public/Military airfield			•	•		•
Airport	•			•		
Enclosed parking deck	•		•	•		
Penitentiary/Prison	•	•	•		•	•
Museum		•	•			•
Bank	•	•	•		•	•



## Product options

Tailored to your wishes and requirements

All industrial door types by BATOR are available with a set of additional options:



### Classic

The classic industrial door with robust steel frame and rung construction in 40, 60 or 100mm series



### Therm

The highly insulating option with a foamed insulated polyurethane kernel and a confirmed overall metric U-value of 1.2W/m<sup>2</sup>K (= imperial U-value of 0.21Btu/h·ft<sup>2</sup>·F)



### Secure

Additional security features can be scaled individually:



› Burglary resistance RC3/WK3 certified

› Bullet-proof up to BR4/FB4

› Hurricane UL-certified (Miami Dade level) up to 180 psf

› Explosion protection up to 100 kN/m<sup>2</sup>



### Phon

Acoustic doors with sound insulation up to 50 dB(A)



### Fire

Fire-retardant folding doors up to E30, speciality doors up to EI240





## Why choose BATOR?

Functional aspects are not the only factors to consider when choosing an industrial door system. Industrial doors have many movable components, which places special demands on both the control unit and the mechanics.

There are seven good reasons why BATOR should be your partner of choice for industrial doors.

- Leading technology** We've been in the business for more than 60 years, and our industrial door specialists have never produced anything off the shelf. Our products are always unique, innovative and individual solutions, engineered in-house and manufactured in state-of-the-art production facilities.
- Superior quality** BATOR products are certified constructions that satisfy the highest quality requirements and meet all regulations concerning safety and resistance. We engineer and produce each door in-house to have full control of the quality of the manufacturing process and all door components.
- Durability** BATOR industrial doors and their components are durable steel constructions with welded connections. They are made to last for decades with negligible wear and tear. This keeps maintenance costs low.
- Built-in sustainability** BATOR industrial doors have sustainability implanted in their DNA: Their superior quality and durability necessitate fewer replacements, reduce raw material consumption and create a smaller CO<sub>2</sub> footprint compared to other brands.
- Customised design** BATOR industrial doors have a clear, timeless design language and guarantee maximum functionality and reliability. Smart drive technology, along with a broad choice of materials and manufacturing options, offers principals and architects a great deal of creative freedom.
- Your one-stop shop** From design and engineering to manufacturing, installation and service, we develop the best solution to suit your needs and preferences – all from a single source.
- All-round service** BATOR provides professional maintenance and repair services throughout the lifecycle of the industrial door systems. We are available every day of the year with a service package that includes systematic maintenance, updating and guaranteed original spare parts supply.



## Leading the way with industrial doors

The BATOR Group is a globally recognized authority and innovator of industrial door systems. Headquartered in Herzogenbuchsee in Switzerland, the company has Group companies in the USA and France, and operates throughout the world with a network of certified distributors.

BATOR is a member of the TORMAX Group, a leading global manufacturer of technologically advanced, reliable and innovative automatic pedestrian and industrial door systems. TORMAX operates as a division of LANDERT Group, a privately owned Swiss group of companies that specialises in customised electric drives and automatic door systems.





# the passion to drive doors

## Your ideal partner for any industrial door system

BATOR is a proven expert in the field of industrial door systems with a strong track record across many decades. We have installed countless industrial doors worldwide and successfully mastered every challenging task so far.

BATOR will be pleased to advise you about suitable solutions to meet your needs and support you from design and engineering to manufacturing, installation and service of your industrial door system. We implement cost-efficient and reliable systems and attend to any special requirements you may have.

**Stay in touch with the experts of industrial door systems!**

[www.bator.com](http://www.bator.com)

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