

# Speedgates



## Bi-folding Speedgate B-Trackless USA

### Versatile, efficient and innovative

The bi-folding Speedgate B-Trackless is developed for access control in those situations where it is not possible to use bottom or top guidance. The bi-folding gate has an unlimited clearance height and is very suitable for locations with heavy freight traffic such as distribution centers.

The construction of the bi-folding Speedgate B-Trackless is strong, aesthetically well designed and thoroughly developed. The Speedgate is compliant with UL 325.

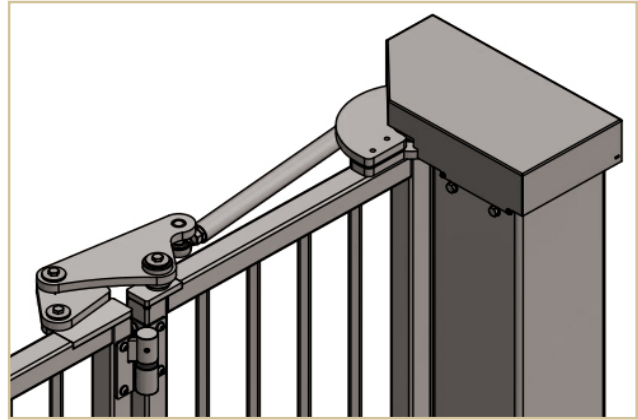
The bi-folding gate B-Trackless features an innovative gate panel position in the form of an electronic encoder which replaces the common end switches. This more accurate and maintenance free device has a positive impact on the maintenance costs.

Whichever Speedgate you choose, at Bavak you are assured of quality. For more than 30 years, Bavak has been delivering and installing worldwide Speedgates in many different variations. This experience provides us with an enormous expertise in the field of total project guidance. Bavak can even take care of the entire civil works. This gives you only one reliable and professional point of contact for the purchase and installation of your Speedgate.

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## Drive Mechanism

The drive mechanism is equipped with a unique tie rod. The construction is very robust, allowing the bi-folding gate to open and close smoothly. Despite this robust construction, the Speedgate remains clean and sleek in design.

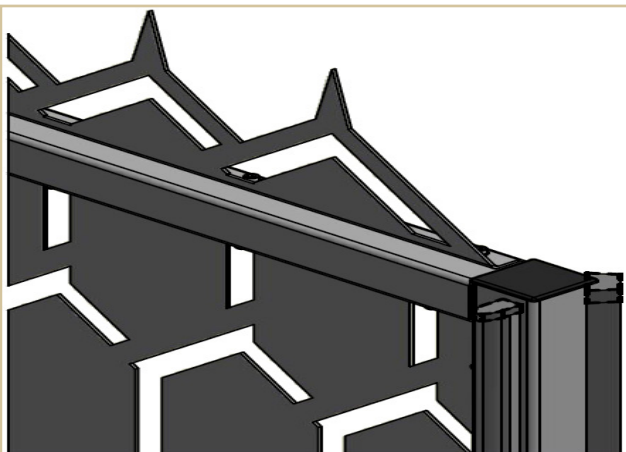
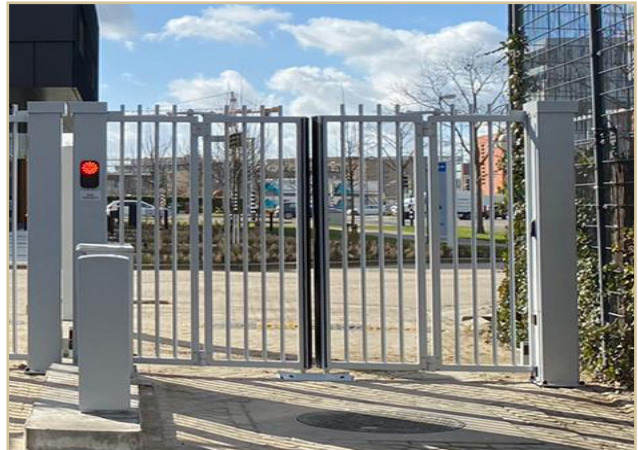


## LED lights

The bi-folding Speedgate B-Trackless can be provided with integrated LED traffic lights. When the gate is closed the lights turn red. When the gate opens the LED lights flashes red and when the gate is fully open, the lights turn green. If the Speedgate is in 'rest', it is possible to display any color.

## Safety edges

All Bavak bi-folding Speedgates are designed for security of your property, with safety for the user as an important feature. The gates come equipped with an electromechanical drive that automatically stops when it senses an obstacle, as well as rubber safety edges located between the 'wings' and the gate itself. The rubber edges help to prevent any potential harm from occurring when the gate is in use. The safety features of the bi-folding gates help to ensure the safety of everyone who uses them.



## Design

The panels of the Speedgate can be equipped with various infills such as glass, perforated cladding, wood, expanded metal, slats or strip steel. Bavak has many years of experience in the design, construction and maintenance of complete custom-made Speedgates. If you have any special wishes regarding the infill, please do not hesitate to contact us. Together with you we can create the best and most suitable solution.



# Technical Specification bi-folding Speedgate B-Trackless

## Dimensions

Clear opening between columns:

- Width: 10' - 26' (3,000 - 8,000 mm)
- Height: 7' - 10' (2,000 - 3,048 mm)

## Construction

- Panels made of SHS 2.5" x 2.5" x 1.2" (60 x 60 x 3 mm)
- Columns made of SHS 9.8" x 9.8" x 0.24" (250 x 250 x 6 mm)
- Panel infill of SHS 1" x 1" x 0.08" (25 x 25 x 2 mm)

## Surface treatment

- Sand blasted SA 2.5 - 3
- Zinc metalizing, 30µm
- 2 layers of powder coating 120µm (total) in a standard any RAL color
- 1 layer of metal spraying

## Drive

- Electromechanical drive unit with brake/locking
- Emergency opening via release knob accessible via inspection hatch in the gate post



## Control unit

- External, delivered in steel sheet cabinet (wall mounted)
- Feig controller UL 325 integrated in the column, accessible via service hatch
- Integrated safety loop amplifier
- Control and wiring terminal strip is finished in a waterproof junction box, IP66

## Locking of gate panels

- Mechanical via link arm and motor brake

## Safety measures

- 2 sets photocells mounted in the column
- 8 pieces of safety edges, vertical and horizontal mounted on the panels
- Absolute motor encoder
- Compliant with the safety regulations UL 325
- Detection loops are to be provided by third party

## Options

- Extra photocells between the static and movable parts at distances < 19.69" (< 500 mm)
- Traffic lights integrated in the columns
- LED strips integrated in the wings of the gate
- Additional options available upon request



For more information, please visit [www.bavak.com](http://www.bavak.com)

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