

# Speedgates



## Bi-folding Speedgate B-Secure USA

**Innovative, durable and reliable**

The bi-folding Speedgate B-Secure is a bottom driven Speedgate and has been specially developed for situations involving very heavy transport and intensive use. The bi-folding gate is ideal for use at industrial areas, logistic centers and harbors.

Due to the bottom drive construction of the bi-folding Speedgate B-Secure, there are no height restrictions for carriers. During the development, special attention was paid to the modular drive and the construction of the bottom drive unit. By using cold-rolled structural steel, the driving unit is almost self-supporting and therefore suitable for the heaviest freight carriers. Due to this construction, maintenance can be carried out quickly and efficiently.

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.

Bavak. Securing daily life

## Locking Drive Unit

Due to the bottom drive unit of the bi-folding Speedgate B-Secure the wings are mechanically locked once the Speedgate is closed. This locking ensures a high level of intrusion prevention.



## Special Wings

Because of the bottom drive unit there are no restrictions in the design of the wings. This makes it possible to customise height and design of the wings to your own specific requirements. A bi-folding gate with a special design is the first eye-catcher on any terrain.

## LED lights

The bi-folding Speedgate B-Secure can be provided with integrated LED traffic lights on top of the columns. When the gate is closed the lights turn red. When the Speedgate 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.



## 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-Secure

## Dimensions

Clear opening between columns:

- Width: 8' - 20' (2,500 - 6,000 mm) (dimensions to be calculated upon request)
- Height: 7' - 15' (2,000 - 4,500 mm) (dimensions to be calculated upon request)
- Mounting depth: 9.84" (250 mm)

## Construction

- Panels made of SHS 2.36" x 2.36" or 3.15" x 3.15" (60 x 60 mm or 80 x 80 mm)
- Columns made of SHS 9.84" x 9.84" x 0.24" (250 x 250 x 6 mm)
- Self-supporting drive unit bottom housing, external height of 9.84" (250 mm)
- Constructed with UNP-profiles

## Surface treatment

- Sand blasted SA 2.5
- Conservation: Hot-dip galvanized 30µm
- Powder coating: 2-layers of powder coating, each layer 120µm (total) in a standard RAL-color
- Drive unit: DTM coating

## Drive

- Electromechanical via a 1 hp (0.75 kW) motor and gearbox
- Emergency operation for manually opening and closing via service hatch



## Control unit

- Feig controller 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 gear wheels

## Safety measures

- 2 sets photocells mounted in the column
- 8 pieces of safety edges, vertical and horizontal mounted on the panels
- Safety regulations conform EN13241-1
- Detection loops
- End switches

## Options

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



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

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