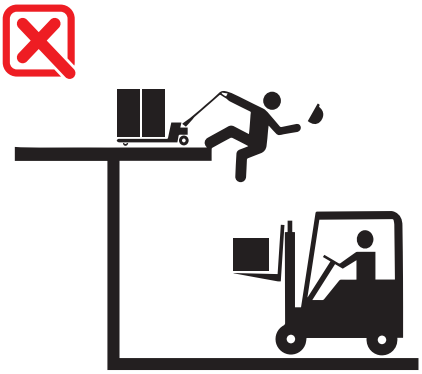
VARIOGATE®

Haagh Protection BV

Haagh Protection BV has been active in the field of workplace safety since 1981. Over the years we have frequently seen that a good, safe workplace not only increases job satisfaction but also prevents accidents and helps to reduce absenteeism.

Good safety therefore contributes significantly to workforce productivity and quality. A good and safe workplace yields results! Haagh Protection BV has a range of specialized safety equipment and products.

VARIOGATE®



This brochure provides you with information about our VARIOGATE® (pallet gates) made to provide protection and safety for open loading areas between different floor levels and platforms. Our high quality products comprise items for use in every industrial environment.

Here you can find an overview of both standard solutions readily available and customized solutions which can be fully adapted to a specific situation. All our products share the same characteristics providing a safe and pleasant workplace while requiring a minimum amount of space.

You will find more details about our VARIOGATE® safety gates for safe working at heights.

Criteria

To find the best solution for every loading situation using a VARIOGATE®, some important points should be considered first regarding the items to be loaded and the building itself.

When assessing the situation Haagh Protection applies the following criteria:

Dimensions
The height, width and depth of the load (dimensions), to be transported individually or on a pallet.
Note: protruding loads on the pallet should also be allowed for.

Installation height
The available installation height determines the maximum height of the load.

Installation depth (outswing)
Pivoting gates require extra space to operate.

Direction of goods transport
Determine which direction (backwards or sideways) the load is positioned in and out of the pallet loading gates. A sideways movement requires more depth.

Type of transport
Which type of transport is in use. A fork-lift truck or reach truck requires different facilities than, for example, a travelling crane.

(Fire) doors and roll-up doors are in place
Positioning a pallet loading gate directly next to or behind a door needs special requirements.

Situating the device
Assembly ensures that the front of the gate aligns precisely with the mezzanine floor edge. This is particularly important when loading a pallet from a lower floor. The fork-lift driver places the pallet on the edge of the mezzanine floor. The gate then closes behind the pallet. When the pallet is not in the right position, the gate will not close and the goods cannot be transported.

TÜV Certificate

The TÜV is strongly committed to promoting the safety, quality, reliability and living environment of society and organizations and authorities. All TÜV-tested products ensure that you can be sure of having reliable products, services and suppliers.

The main objective is to provide evidence that companies and products meet the reliability requirements. TÜV identifies throughout assessments the actual risks and weak points in its assessments to arrive at a reliable and safe product.

To ensure safety and quality, VARIOGATE® pallet gates have tested by a comprehensive TÜV test which is supported and guaranteed by annual audits. The test results are available on www.tuv.nl.

The report and TÜV certificate are also available on request.

TÜVNORD
TÜV NORD Nederland B.V.
Type Approved
2400-A-382
tuv.nl

Standard solutions

Characteristic of the VARIOGATE® series is their compact construction. They require a minimum amount of space so no valuable storage and/or working space is lost. The connection between the separate components is ingenious, making them easy to operate.

The device is shock-resistant and is very durable, even in heavy use. The VARIOGATE® series are available on order and competitively priced.

VARIOGATE® 18-Serie

The VARIOGATE® 18-Series is a swing arm pivoting loading gate. Three rectangular frames swing over the sides of the goods.

Suitable for loads as follows:

- Height: 1.800 mm
- Choice of Widths: 1.200, 1.600, 2.000 and 2.600 mm*
- Depth: 1.300 mm

Installation space dimensions:

- Height: 2.089 mm
- Width: 1.600, 2.000, 2.400 and 3.000 mm*
- Depth: Fixed supports: 805 mm
  Pivoting component: 1.580 mm
- Turning radius: 1.963 mm (measured from the floor edge)

* These widths take into account space needed to manoeuvre on both sides into account.

VARIOGATE® 22-Serie

The VARIOGATE® 22-Series is a swing arm pivoting loading gate. Three rectangular frames swing over the sides of the goods.

Suitable for loads as follows:

- Height: 2.200 mm
- Choice of Widths: 1.200, 1.600, 2.000 and 2.600 mm*
- Depth: 1.300 mm

Installation space dimensions:

- Height: 2.528 mm
- Width: 1.600, 2.000, 2.400 and 3.000 mm*
- Depth: Fixed supports: 855 mm
  Pivoting component: 1.679 mm
- Turning radius: 2.218 mm (measured from the floor edge)

* These widths take into account space needed to manoeuvre on both sides into account.

Haagh Protection can supply every type of VARIOGATE® including assembly, if desired. The tubular frame sections are supplied in powder coat (Yellow). Other colours are available on request.

The tubular framesections meet the dutch national safety regulations. Haagh Protection offers a two-year warranty on every product. Technical drawings are available on request.

VARIOGATE® 26-Serie

Die VARIOGATE® 26-series is a swing arm pivoting loading gate. Three rectangular frames swing over the sides of the goods.

Suitable for loads as follows:

- Height: 2.600 mm
- Choice of Widths: 1.200, 1.600, 2.000 and 2.600 mm*
- Depth: 1.400 mm

Installation space dimensions:

- Height: 2.890 mm
- Width: 1.600, 2.000, 2.400 and 3.000 mm
- Depth: Fixed supports: 900 mm
  Pivoting component: 1.770 mm
- Turning radius: 2.430 mm (measured from the floor edge)

* These widths take into account space needed to manoeuvre on both sides into account.

VARIOGATE® 26ED-Serie

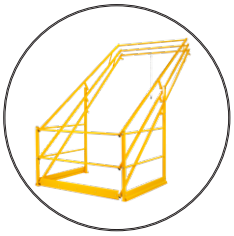
Die VARIOGATE® 26-series is a swing arm pivoting loading gate. Three rectangular frames swing over the sides of the goods. Characteristic for deep loads of 2.700 mm

Suitable for loads as follows:

- Height: 2.600 mm
- Choice of Widths: 1.200, 1.600, 2.000 and 2.600 mm*
- Depth: 2.700 mm

Installation space dimensions:

- Height: 3.040 mm
- Width: 1.600, 2.000, 2.400 and 3.000 mm
- Depth: Fixed supports: 1.535 mm
  Pivoting component: 3.034 mm
- Turning radius: 3.477 mm (measured from the floor edge)



* These widths take into account space needed to manoeuvre on both sides into account.

Special Note

VARIOGATES® do not fall under any EN standard. Haagh Protection products are supplied in accordancea with the laws and regulations on gate systems. Under normal use the equipment does not cause any injury to bystanders/or users.

After delivery and installation Haagh Protection offers a two-year guarantee over the whole supply programme. This is only applicable in cases of normal use and does apply for components that have been subject to undue wear.

VARIOGATE® 28-Serie

Die VARIOGATE® 28-series is a swing arm pivoting loading gate. Three rectangular frames swing over the sides of the goods.

Suitable for loads as follows:

- Height: 2.800 mm
- Choice of Widths: 1.200, 1.600, 2.000 and 2.600 mm*
- Depth: 1.650 mm

Installation space dimensions:

- Height: 3.078 mm
- Width: 1.600, 2.000, 2.400 and 3.000 mm
- Depth: Fixed supports: 920 mm
  Pivoting component: 1.795 mm
- Turning radius: 2.595 mm (measured from the floor edge)

* These widths take into account space needed to manoeuvre on both sides into account.

VARIOGATE® 30-Serie

Guillotine-device

The guillotine model can be used where there is limited space behind the loading area. This problem occurs when there is insufficient space for the outswing or a lateral displacement of the load.

Suitable for loads as follows:

- Height: 2.000 mm
- Choice of Widths: 1.200, 1.600, 2.000 and 2.600 mm*
- Depth: 1.400 mm

Installation space dimensions:

- Height: 3.275 mm
- Width: 1.600, 2.000, 2.400 and 3.000 mm*
- Depth: Fixed supports: 420 mm
  Sliding component: 1.600 mm

* These widths take into account space needed to manoeuvre on both sides into account.

VARIOGATE® Barrier type

For more complex situations with limited room to manoeuvre or where rolling bridges are used, the barrier concept developed by Haagh Protection is the perfect solution. This barrier is also a safe solution in environments with hinged doors.

A specific transfer system between both mechanical barriers directly controls the construction: when one barrier is opened, the other is immediately closed automatically. There are two versions for this solution available

VARIOGATE® 30HI-Serie

Guillotine-device

The sliding/folding model is a variant of the VARIOGATE® 30 guillotine device and is ideal for use in areas where, besides the overall height, the available depth behind loading opening is limited.

Suitable for loads as follows:

- Height: 1.600 mm
- Choice of Widths: 1.200, 1.600 and 2.000 mm*
- Depth: 1.200 mm

Installation space dimensions:

- Height: 2.650 mm
- Widths: 1.600, 2.000 and 2.400 mm
- Depth: Fixed supports: 505 mm
  Convertible component: 1.700 mm

* These widths take into account space needed to manoeuvre on both sides into account.

VARIOGATE® 90/180-Serie

Barrier-Type

Barrier device for use in situations in which the goods are transported directly to or from the rear. The upper barriers (front and rear) are equipped with a retraction mechanism that also supports operation, making the device light to operate. These retractable upper barriers keep the required installation height to a minimum.

Suitable for loads as follows:

- Height: Unlimited
- Width: On request
- Depth: On request

Installation space dimensions:

- Height: On request
- Width: On request
- Depth: On request

Quality guarantee

The quality is substantiated and guaranteed By a TUV certificate issued following Extensive strength calculations and physical tests that have been assigned to the VARIOGATE®.

VARIOGATE® 10-Serie

The VARIOGATE® 10-Series is a pivoting loading gate design. The movable part of the gate lifts partly over the goods.

Suitable for loads as follows:

- Height: 1.600 mm
- Choice of Widths: 1.200, 1.600, 2.000 and 2.600 mm*
- Depth: 1.400 mm

Installation space dimensions:

- Height: 2.120 mm
- Width: 1.600, 2.000, 2.400 and 3.000 mm
- Depth: Fixed supports: 1000 mm
  Pivoting component: 1.923 mm
- Turning radius: 2.357 mm (measured from the floor edge)

* These widths take into account space needed to manoeuvre on both sides into account.

VARIOGATE® 360-Serie

The VARIOGATE® 360 models offer a solution in situations where the space behind the loading opening area is limited, unloading is done with a hoist and/or a lot of height is required for loading. VARIOGATE® rotating models are suitable for areas there are no height restrictions and for loads weighing up to approx. 2.000 kg. (Delivery includes a metal loading ramp.)

Suitable for loads as follows:

- Height: Unlimited
- Width: 1.300 mm*
- Depth: 1.400 mm

Installation space dimensions:

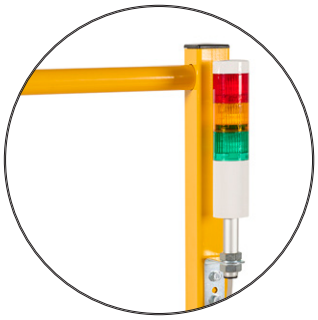
- Height: 1.150 mm
- Width: 2.351 mm
- Depth: 1.700 mm
- Turning radius: 2.121 mm

* These widths take into account space needed to manoeuvre on both sides into account.

Accessories

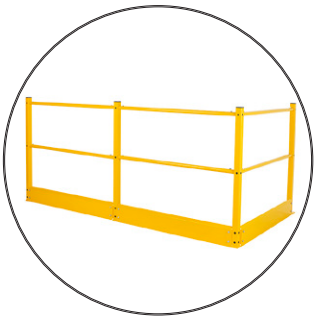
In addition to the large portfolio of safety pallet gate systems, Haagh Protection also offers various accessories. These products are at a further increase of the safety of various high leveled individual situations; like shielding entrances, marking lifting points and more, the possibilities are endless!

Pallet detection system



Safety netting

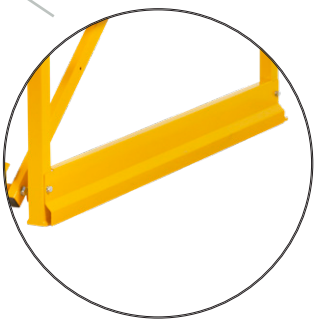
Additional fencing



Aluminum chequer plate

Mounting material

Side Plinths



Customized solutions

For situations where the specifications of the VARIOGATE® series do not meet your requirements, Haagh Protection can provide you with a customized solution. This could be the case when, for example, there is a (fire)door, low headroom or an overhead crane. We can offer you a range of solutions for these situations. All of our products are made in a standard RAL1028, yellow colour but there is a choice in other colours as well.

Made to size solutions

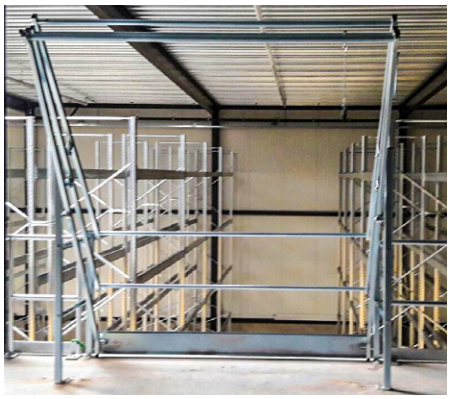
If your situation deviates too much from the solutions in our standard VARIOGATE® range, we can offer you a custom-made solution.

This concerns, for example, situations with limited head height, limited depth or loading points where a (fire-proof) door is placed in the opening. If you fill in the enquiry form at the back of this brochure and return it to us, we can analyse your situation and prepare a customer-specific quotation for you, if necessary.

Stainless steel and galvanised

Basically, all VARIOGATE® apparatus can also be produced as a special in a stainless steel version. Particularly for the food and pharmaceutical industries this is often mandatory.

In addition to that, we offer the possibility to produce a VARIOGATE® in a galvanized version.



Deviating colours

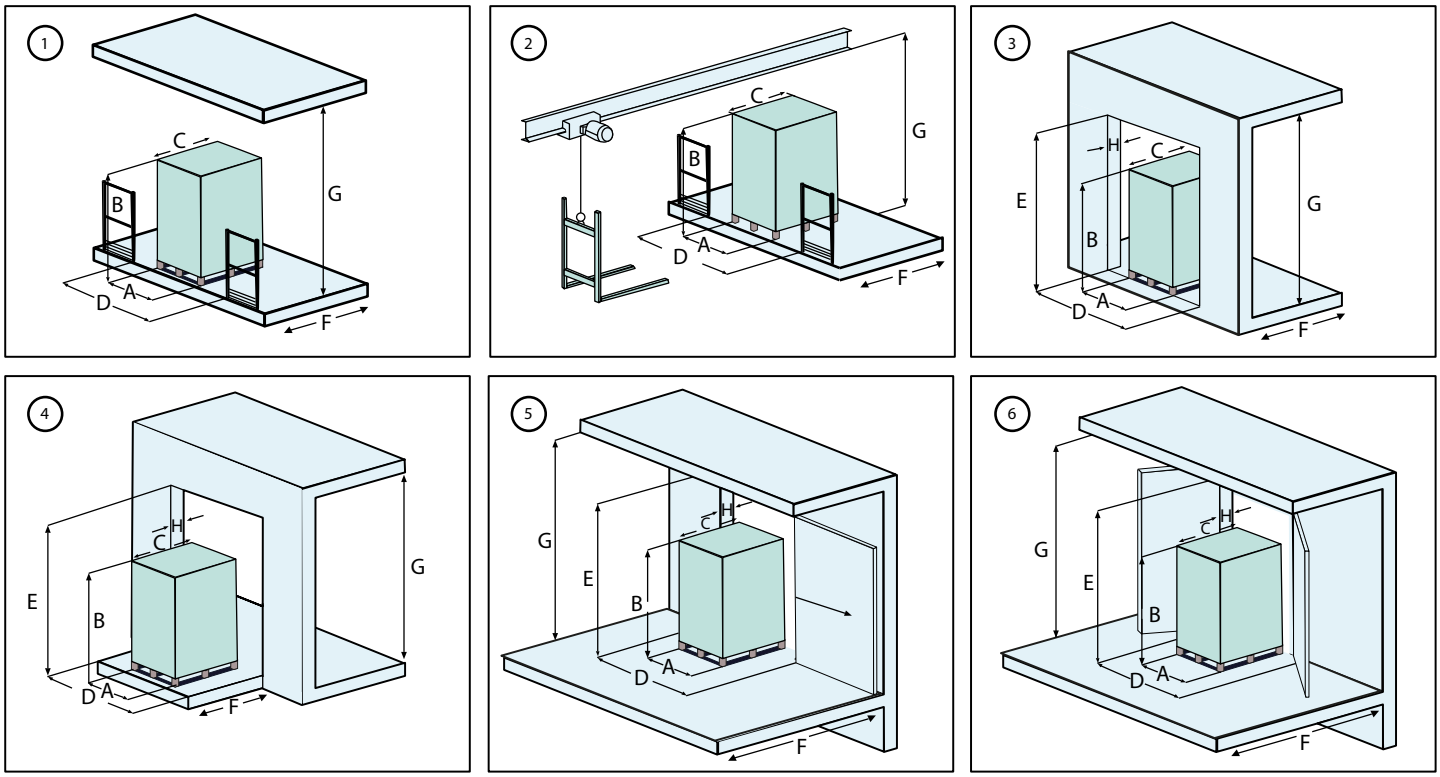
A standard VARIOGATE® is provided with a high quality powder coating in RAL1028 (yellow). In addition, it is possible to produce the devices as a special in a different RAL colour according to (your) customers' specifications.

For prices, possibilities and delivery times please contact our sales team.

Dimension detail forms

It is essential that the dimensions for a proper installation and good operating of the VARIOGATE® are correct. That is why Haagh Protection welcomes the opportunity to assess the situation on site.

Getting the correct information is vital to ensure the quality of the solution!



Please mark the current situation

Situation 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐

A. Maximim width of te pallet =.....MM

B. Maximum height of the pallet =.....MM

C. Maximum depth of the pallet =.....MM

D. Available opening (width) =.....MM

E. Height of opening =.....MM

F. Available depth =.....MM

G. Available height behind the opening =.....MM

H. Distance from front side to the back of the door =.....MM

Type of surface: .....

To which side the goods are to be transported: .....

For more information about Haagh Protection products please contact us +31 (0)161 22 65 59 or via info@haagh-protection.com.

Haagh Protection BV is specialized in a number of very high quality products which all share the same characteristics to create a safe and pleasant workplace.

This brochure provides you with an overview of our products.

Also in our Product Range: Vigil Anti-slip

haagh protection bv

next level safety

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