

VARIOGATE®



haagh



protection bv

next level safety



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.



This brochure provides you with information about our VARIOGATE® (safety 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.

This brochure provides 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.

In this brochure you will find more details about our pallet loading gates/pivoting safety gates for safe working at heights.

Criteria

To find the best solution for every loading situation using a pallet gate system, 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 the certificate are also available on request.



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. Haagh Protection can supply every type of

VARIOGATE® 10-Series

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: 2.150 mm
- Width: 1.600, 2.000, 2.400 and 3.000 mm
- Depth: Fixed supports: 900 mm
Pivoting component: 1.900 mm
- Turning radius: 2.250 mm
(measured from the floor edge)

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



VARIOGATE® 18-Series

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: 1.400 mm

Installation space dimensions:

- Height: 2.075 mm
- Width: 1.600, 2.000, 2.400 and 3.000 mm
- Depth: Fixed supports: 800 mm
Pivoting component: 1.580 mm
- Turning radius: 2.025 mm
(measured from the floor edge)

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



VARIOGATE® including assembly, if desired. The tubular frame sections are supplied in powder coat (Yellow). Other colours are available on request. The tubular frame

sections meet national safety regulations (ARBO). Haag Protection offers a two-year guarantee on every product. Technical drawings are available on request.

VARIOGATE® 22-Series

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

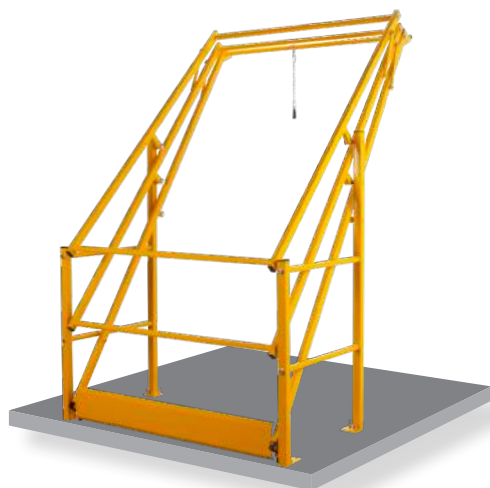
Suitable for loads as follows:

- Height: 2.200 mm
- Choice of Widths: 1.200, 1.600, 2.000 and 2.600 mm*
- Depth: 1.400 mm

Installation space dimensions:

- Height: 2.493 mm
- Width: 1.600, 2.000, 2.400 and 3.000 mm
- Depth: Fixed supports: 800 mm
Pivoting component: 1.617 mm
- Turning radius: 2.203 mm
(measured from the floor edge)

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



VARIOGATE® 26-Series

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: 1.650 mm

Installation space dimensions:

- Height: 2.900 mm
- Width: 1.600, 2.000, 2.400 and 3.000 mm
- Depth: Fixed supports: 900 mm
Pivoting component: 1.804 mm
- Turning radius: 2.491 mm
(measured from the floor edge)

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



Special Note

Pallet loading gates do not fall under any EN standard. Haagh Protection products are supplied in accordance 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® 30-Series: 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: 2.050 mm
- Choice of widths: 1.200, 1.600, 2.000 and 2.600 mm*
- Depth: 1.400 mm

Installation space dimensions:

- Height: 3.180 mm
- Width: 1.600, 2.000, 2.400 and 3.000 mm
- Depth: Fixed supports: 400 mm
Sliding component: 1.500 mm

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



VARIOGATE® 30HI-Series: 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
- Width: 1.600, 2.000 and 2.400mm
- Depth: Fixed supports: 400 mm
Sliding component: 1.700 mm

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



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.

VARIOGATE® 360-series

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. Haagh Protection rotating models are suitable for areas where there are no height restrictions and for loads weighing up to approx. 2000 kg. (Delivery includes a metal loading ramp.)

Suitable for loads as follows:

- Width: 1.300 mm*
- Depth: 1.400 mm

Installation space dimensions:

- Height: 1.150 mm
- Width: 2.351 mm
- Turning circle: 2.121 mm

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



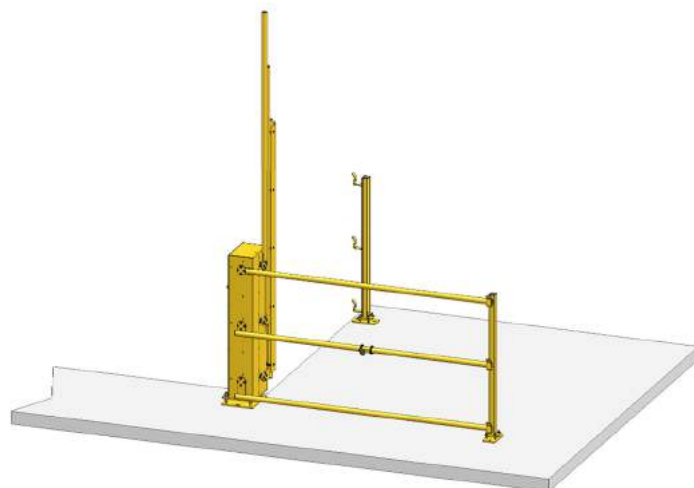
VARIOGATE® 180 and VARIOGATE® 90

VARIOGATE® 90 and 180 are designed as customized fall protection when using a hoist or similar construction in freight transport. The device is designed for use in complex situations as a safe cure for fall hazard at height. The device is also applicable for very high loads or when little space for a standard pivoting gate is available. Due to the unique rotation mechanism, the unit is fully operable and does not suffer from obstacles such as crane lanes.

The device is manually operated on the ground floor itself and is designed to fit one pallet at the same time, which can be removed straight away. Extremely suitable when operators use a hoist for loading and unloading goods like bigbags and oil barrels. Additionally, this device is easy to operate, even when there is very little mounting height available.



**Available from
September 2018**



Accessories

In addition to the large portfolio of safety pallet gate systems, Haagh Protection also offers various accessories. These products are aimed at further increase

the safety of various high leveled individual situations. Shielding entrances, marking lifting points and more, the possibilities are endless!

Aluminum chequer plate

For situations in which a chequer plate is preferred to protect the floor, Haagh Protection delivers chequer plates with a 5 or 2 bar pattern in our Vario cantilever gates. Our chequer plates are also from stock available in various standard sizes. Chequer plates are applied for various purposes. For instance to protect landing edges or underlying foundations and materials, but also to demarcate pallet stacking frames.



Safety mirrors

For situations without a clear view onto the lifting point, Haagh Protection delivers safety mirrors. The mirrors are designed for zones with insufficient overview and can be utilised in tiny spaces. These safety mirrors can be used for distances of up to 8 metres.

Marking tape

To add additional marking to your pallet stacking frame, Haagh Protection delivers various tapes. These tapes are easily made to fit the right dimensions and properly mark the pallet stacking frame. Marking is easy and can be done in various ways, for instance on the entresol or on the front of entresol's edge. This product offers maximum flexibility!



VARIOGATE® additional fencing

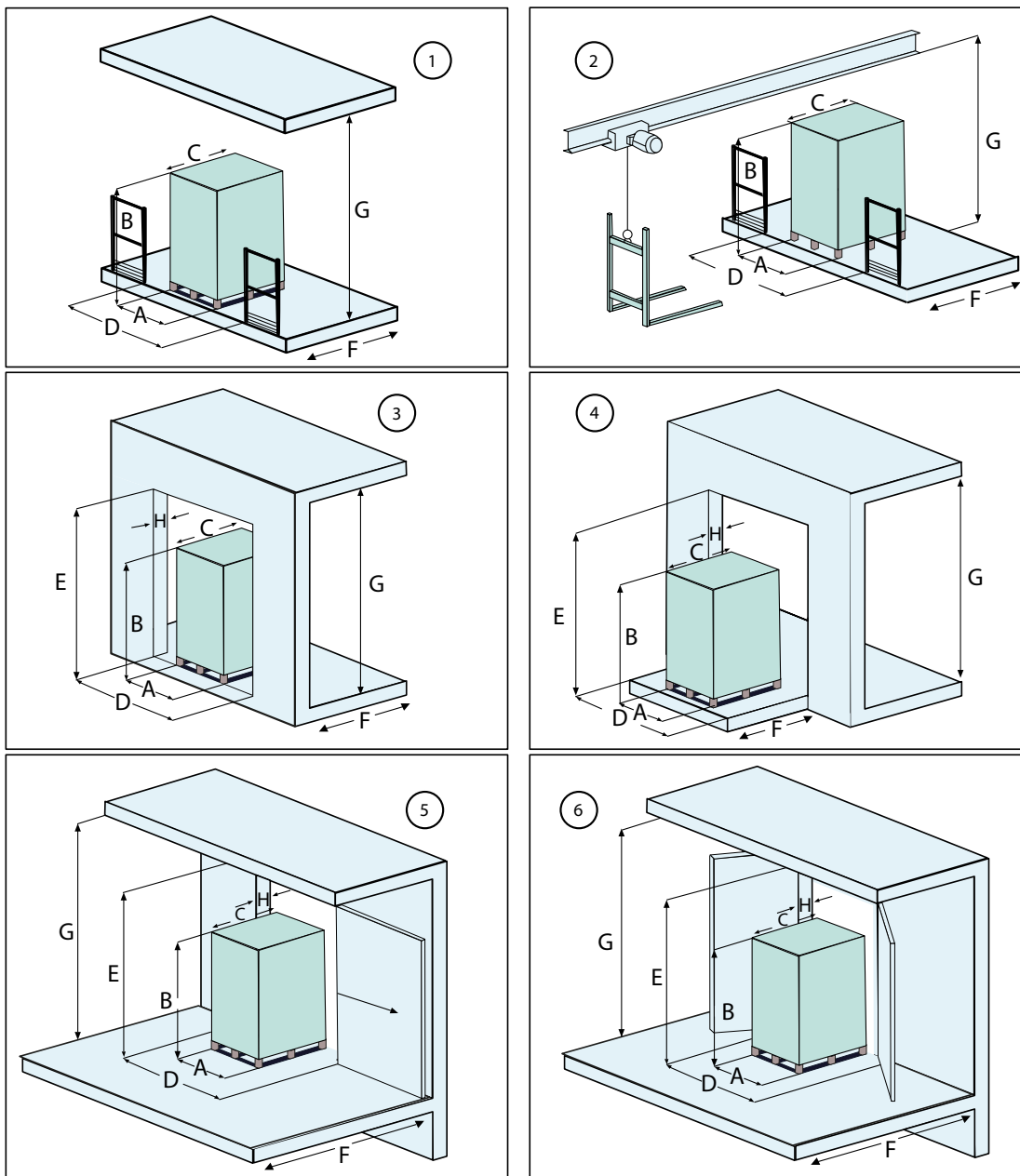
If a situation requires additional fencing to fill in the opening, Haagh Protection has perfect solutions available. This fencing is easily made to fit and can be assembled just as easy. Furthermore, this fencing is equipped with a toe board, while its design enables different configurations.

Dimension detail forms

It is essential that the dimensions 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!

Enquiry Form



Please mark the current situation

Situation 1 ☐

2 ☐

3 ☐

4 ☐

5 ☐

6 ☐

A. Maximum width of the 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:

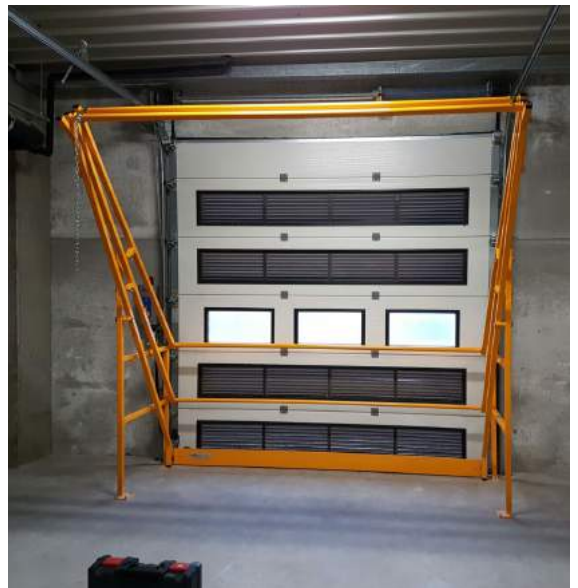
To which side the goods are to be transported:
To the back / sideways

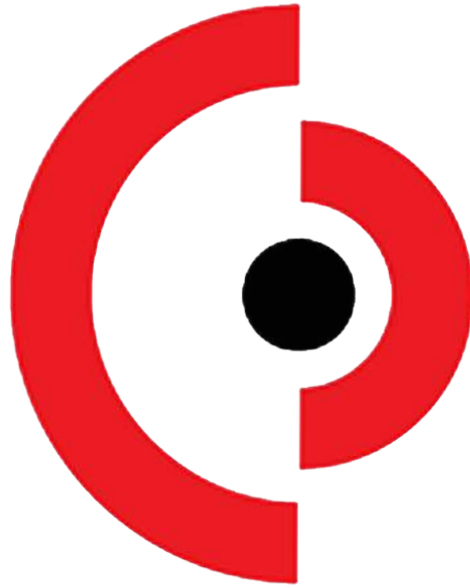
References

During the past 35 years, we have been working on improving and making the workplace safe. Over the years we have worked for many large and small businesses in the Benelux and

Europe. Please see below several photos of projects of Haagh Protection BV has complete through the years.







Haagh Protection bv

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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

