

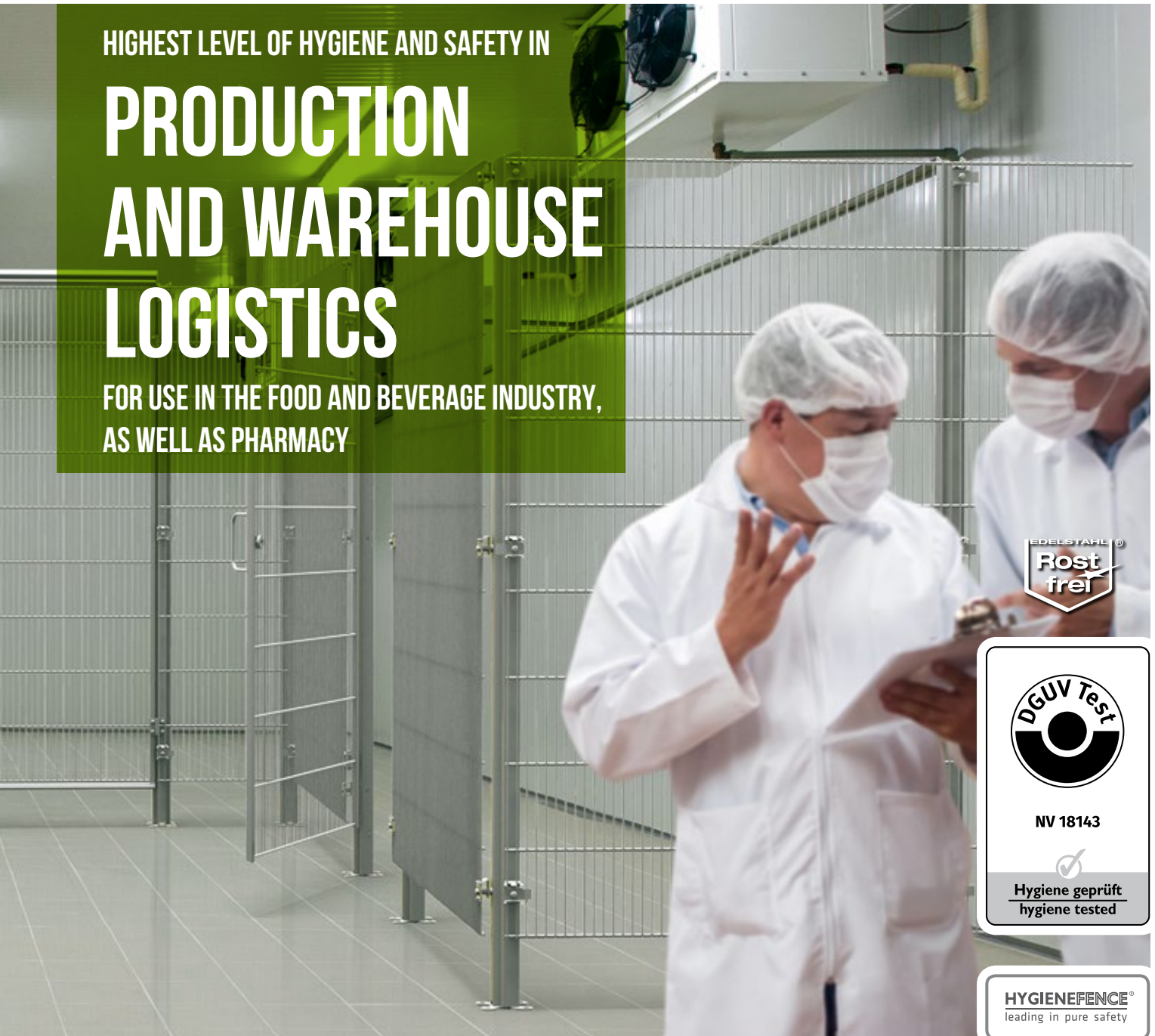


...we protect people!

HIGHEST LEVEL OF HYGIENE AND SAFETY IN

PRODUCTION AND WAREHOUSE LOGISTICS

FOR USE IN THE FOOD AND BEVERAGE INDUSTRY,
AS WELL AS PHARMACY



NV 18143



Hygiene geprüft
hygiene tested

HYGIENEFENCE®
leading in pure safety

HYGIENEFENCE®

THE STAINLESS STEEL SAFETY FENCE



Systeme GmbH
 er Straße 16
 57 Bünde

Ihr Hygiene
 der nächsten
 Your hygiene
 ninance



“ MORE RESPONSIBILITY WITH HYGIENEFENCE® SIGNS OF A SAFER TOMORROW

HYGIENEFENCE® the innovative and trendsetting safety fence system that meets the highest statutory hygiene, safety and quality specifications of the food industry. High quality stainless steel assures cleanliness and durability. A hygienic construction in water- and dirt- repellent design makes it possible to clean without leaving behind any residues. The pickled stainless steel 1.4301 provides water and corrosion resistance. Durability, easy maintenance and robustness of the safety equipment guarantee an economic price-performance ratio.



MARKET-LEADING SOLUTIONS FOR MORE HYGIENE AND SAFETY IN THE FOOD PROCESS.



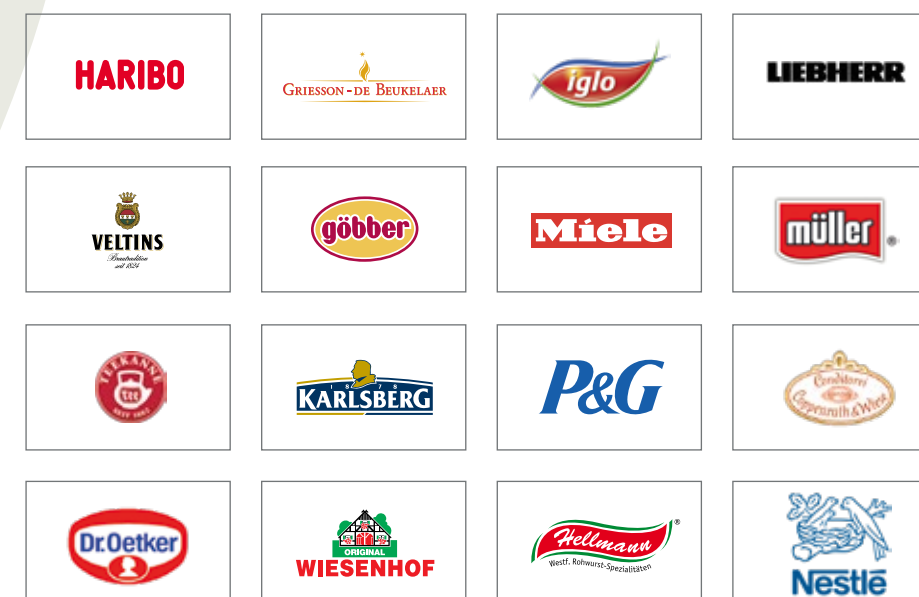
...we protect people!

TIEMANN Schutz-Systeme GmbH is a manufacturer and supplier of safety and partition grid systems for machines and plant construction. We have been leaders in the robotics, inventory logistics and the food industries for more than 30 years. We can provide you with the highest-quality expertise and extensive know-how.

The same goes for safety and hygiene in all areas. The development of various safety grid systems for diverse application fields, as well as flexible modular design in frameless construction, acts as a unique selling point and gives us an edge through our own brand HYGIENEFENCE®. Our safety and partition grid systems made of pure stainless steel therefore form the best base for well-engineered solutions.

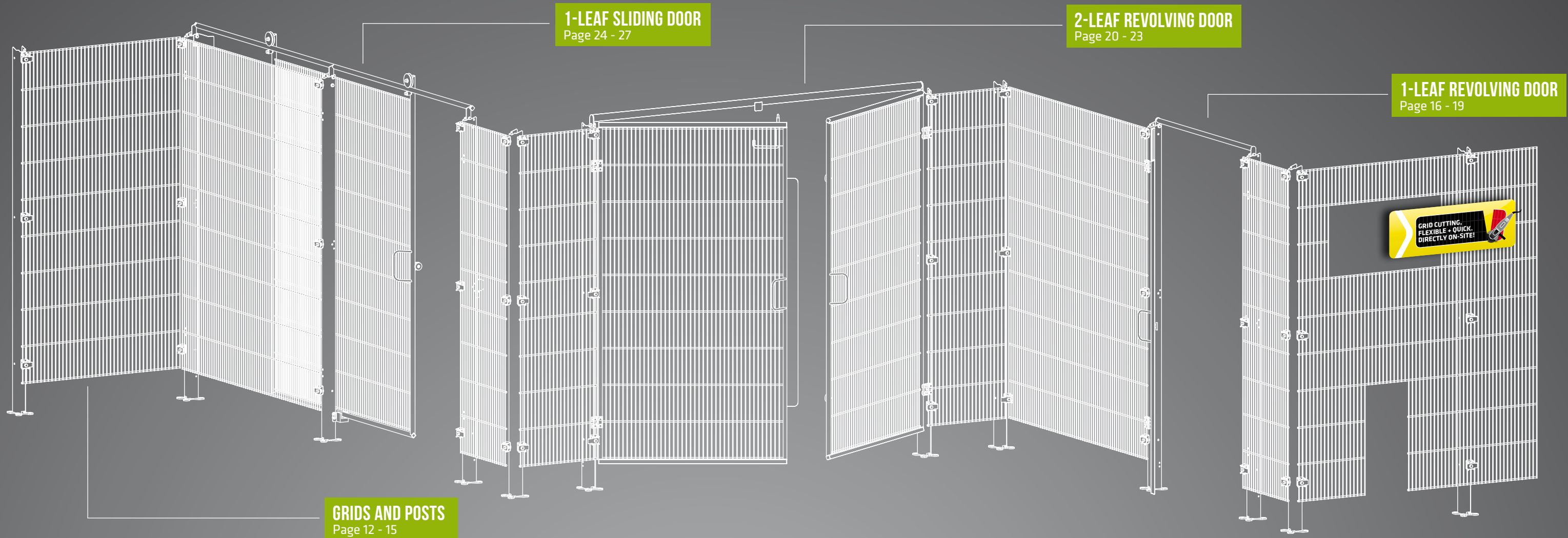
TRUST AND CUSTOMER SATISFACTION ARE THE BEST REFERENCES TODAY.

Many popular brands, medium-sized organisations and large companies worldwide rely on HYGIENEFENCE®. And what can we protect and make more hygienic for you and your company in the future?



100% COMBINABLE

THE HYGIENEFENCE® MODULAR SYSTEM



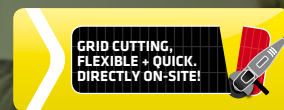
PLANNING OF AREA PROTECTION IS GIVEN ON
PAGE 29

ADVANTAGES	6-7
CERTIFICATION - HYGIENE AND SAFETY	8-9
FLEXIBILITY DIRECTLY FROM THE INVENTORY	10-11
GRIDS AND POSTS	12-15
1-LEAF REVOLVING DOOR	16-19
2-LEAF REVOLVING DOOR	20-23
1-LEAF SLIDING DOOR	24-27
SERVICE & EN STANDARDS	28-29



ALL COMPONENTS
100%
STAINLESS STEEL*

HYGIENEFENCE® THE STAINLESS STEEL SAFETY FENCE
THE SAFE AND CLEAN SOLUTION FOR PRODUCTION PLANTS IN THE
FOOD INDUSTRY



* Except for the guide elements of the sliding

YOUR HYGIENEFENCE® ADVANTAGES

1

HYGIENE-CERTIFIED

meets all the hygiene requirements for food-processing machinery as per DIN EN 1672-2:2009-07 + (EC) no. 1935/2004, hygiene-certified and type-examination tested

2

GUARANTEED SAFETY

The HYGIENEFENCE® modular system meets all the requirements of the new EC Machinery Directive 2006/42/EC on separating safety equipment

3

SHORT DELIVERY TIMES

The modular system made of high-quality stainless steel, pickled finish ex warehouse

4

HIGH FLEXIBILITY

Safety grid elements in frameless element construction can be customised on-site any time

5

EC CONFORMITY AND CE

Every delivery automatically requires EC Conformity Declaration and CE labelling

GUARANTEED FOR YOU

Today, HYGIENEFENCE® meets the highest safety requirements and is produced as per the guidelines of the new MRL 2006/42/EC. Moreover, the modular system meets all the hygiene requirements for food-processing machinery as per DIN EN 1672-2:2009-07. It is extensively checked and confirmed by the DGUV test and certification authority.

OUR CERTIFICATIONS



THE FIRST HYGIENE-TESTED STAINLESS STEEL SAFETY FENCES IN COMPLIANCE WITH DIN 1672-2:2009-07

HYGIENEFENCE® meets all the requirements of the new MRL 2006/42/EC on separating safety equipment:

- Use of captive fasteners
- EC Conformity Declaration and CE labelling directly from the manufacturer of safety fences
- A tool is required to open the safety grid fastener
- The safety equipment must not remain in the protective position without fasteners.

Every delivery automatically receives the necessary EC Conformity Declaration and CE labelling. In addition, all the components have been tested by ECOLAB® for detergent compatibility.



DGUV HYGIENE CERTIFICATE

DGUV test certificates for “Hygiene tested” conform DIN EN 1672-2:2009-07 + (EC) no. 1935/2004



DGUV TEST CERTIFICATES

DGUV test certificates for DIN EN 953: 1997, DIN EN 953/A1: 2008-08, DIN EN ISO 14119



EC CONFORMITY DECLARATION

EC Conformity Declaration of the manufacturer, in compliance with the EC Machinery Directive 2006/42/EC, Annex II A



ECOLAB® MATERIAL INSPECTION

Technical material inspection of HYGIENEFENCE® components by ECOLAB® for the compatibility of cleaning solutions



THE NEW HYGIENEFENCE®
POST PROFILE FOR ALL THE
PRODUCTION ENVIRONMENTS:



MEAT AND FISH



MILK AND CHEESE DAIRIES



BAKING INDUSTRY



PHARMACY



BEVERAGE INDUSTRY



FRUITS AND VEGETABLES

SHORT DELIVERY TIME EX WAREHOUSE

FOR MORE THAN 30 YEARS WE HAVE BEEN SUPPLYING COMPLETE SOLUTIONS FROM A SINGLE SOURCE.

For us this is not a marketing phrase. It is actually lived and implemented daily in our dealings with our customers. Everything from a single source. You will also profit from our experience and reliability. A quickly customisable frameless element construction is flexible and economical. Frameless modular design is the functional alternative to conventional frame grids. Flexible grid cutting and notching is possible at the construction site and additional re-welding is not necessary.

USE OUR FLEXIBLE AND INNOVATIVE MODULAR SYSTEM

It stands for safety, efficiency and innovation. Do you have no storage capacity? We will have our model kit ready for you directly from the inventory. All the parts are already pickled finished. This saves maintenance time and provides a clear competitive edge. Make use of it.

EX WAREHOUSE, QUICKLY AND EASILY AVAILABLE

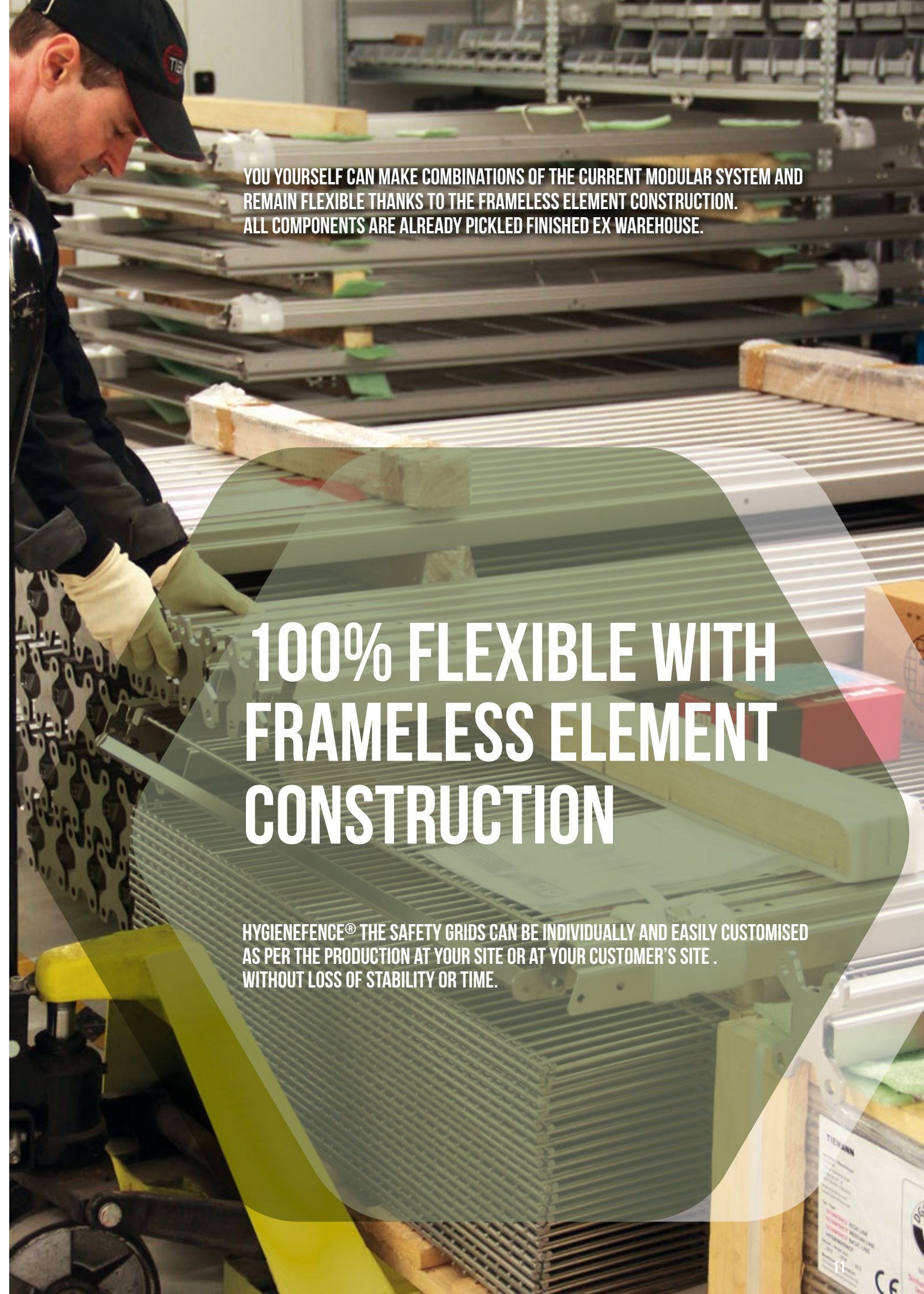
Be sure to use this advantage. Even here, HYGIENEFENCE® sends a clear message. In addition to short delivery times with the standardised modular system, an outline of all the other important advantages once again:

1. More cleanliness and durability thanks to the high-quality stainless steel.
2. Cleaning without leaving any residue thanks to water- and dirt-repellent design.
3. Notching and cutting on-site can be carried out without loss of stability.
4. Compliance with the highest hygiene standards through our certification with the DGUV test label.

YOU YOURSELF CAN MAKE COMBINATIONS OF THE CURRENT MODULAR SYSTEM AND REMAIN FLEXIBLE THANKS TO THE FRAMELESS ELEMENT CONSTRUCTION. ALL COMPONENTS ARE ALREADY PICKLED FINISHED EX WAREHOUSE.

100% FLEXIBLE WITH FRAMELESS ELEMENT CONSTRUCTION

HYGIENEFENCE® THE SAFETY GRIDS CAN BE INDIVIDUALLY AND EASILY CUSTOMISED AS PER THE PRODUCTION AT YOUR SITE OR AT YOUR CUSTOMER'S SITE . WITHOUT LOSS OF STABILITY OR TIME.



GRIDS | POSTS

THE NEW HYGIENEFENCE® POST PROFILE FOR ALL THE PRODUCTION ENVIRONMENTS

Inventory articles
available at short notice!

GRID CUTTING,
FLEXIBLE + QUICK,
DIRECTLY ON-SITE!

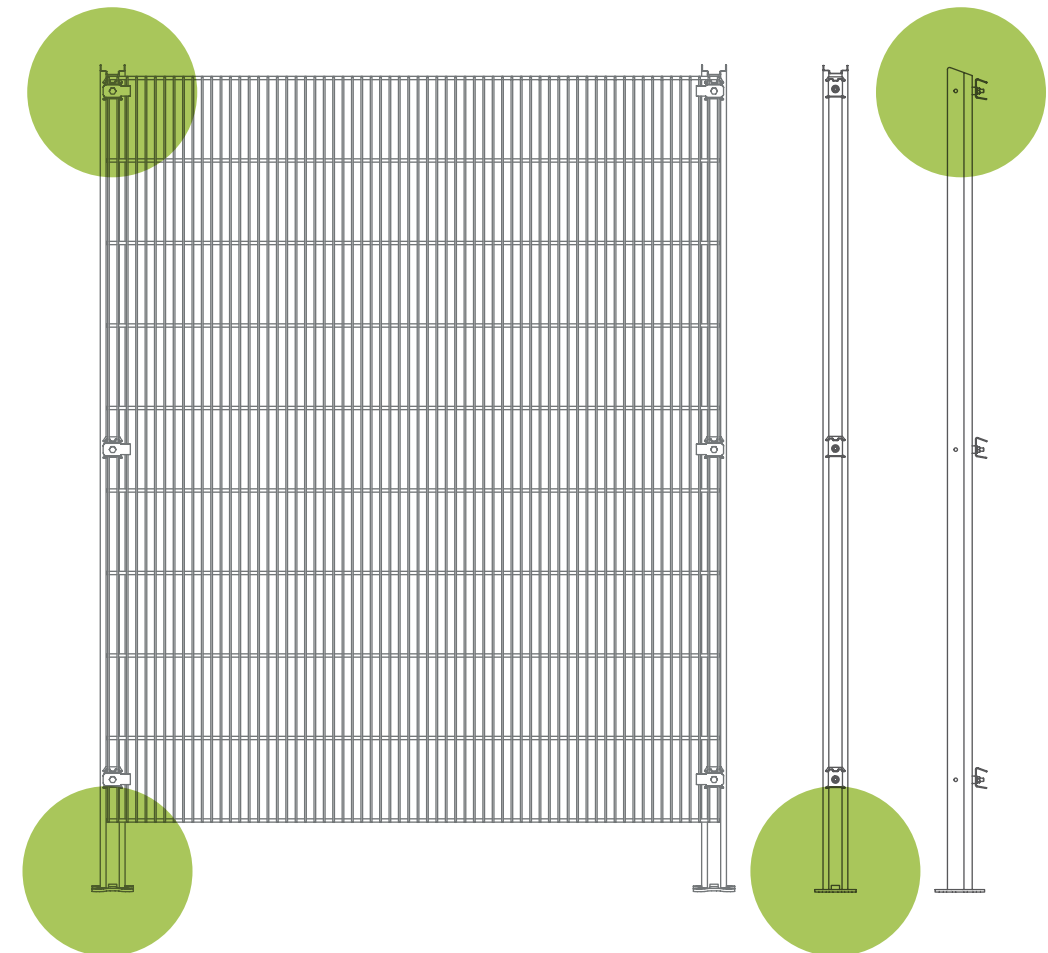
GUARANTEED
QUICK
ASSEMBLY!



ALL COMPONENTS
100%
STAINLESS STEEL



GRID SYSTEM WIDTHS: 500 | 1000 | 1500 MM
GRID SYSTEM HEIGHT: 2000 MM



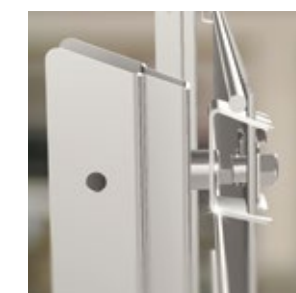
EASY CLEANING

Integrated outlet in the foot area



OPEN CONSTRUCTION

Hygienic construction



UNIVERSAL POSTS

As serial, end or corner posts



SECTIONS AND CUTS

All the grids can be flexibly adjusted



Grids and posts

Safety distance from the source of a hazard

see page 29

Grid elements

Horizontal round wires on one side 8 mm, vertical wires 4 mm, spot-welded. Surface finish through pickling.

Grid mesh size

Distance between the horizontal wires 190 mm, standard distances between the vertical wires 19 mm. This results in a mesh size of 19 x 190 mm.

Universal safety fence posts

Made of U-profile posts 60/60/2 with welded foot plate 120 x 100 mm. Grid holder and clamping element with pre-mounted cap nut for self-assembly.

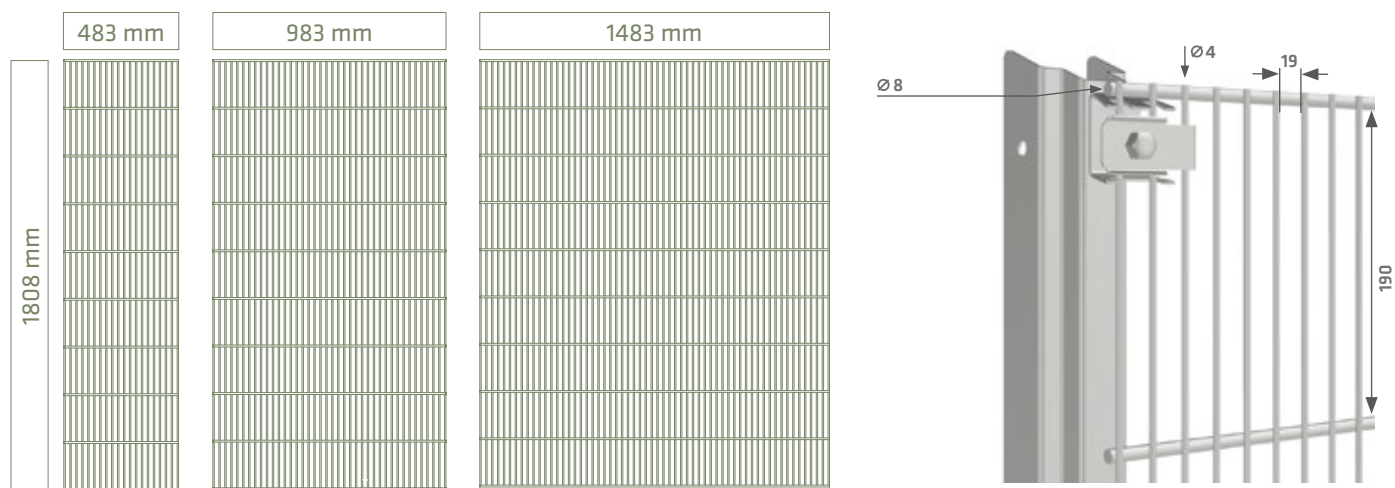
Material: Stainless steel grade 1.4301

Surface finish through pickling.

Standard grid elements

1808 mm

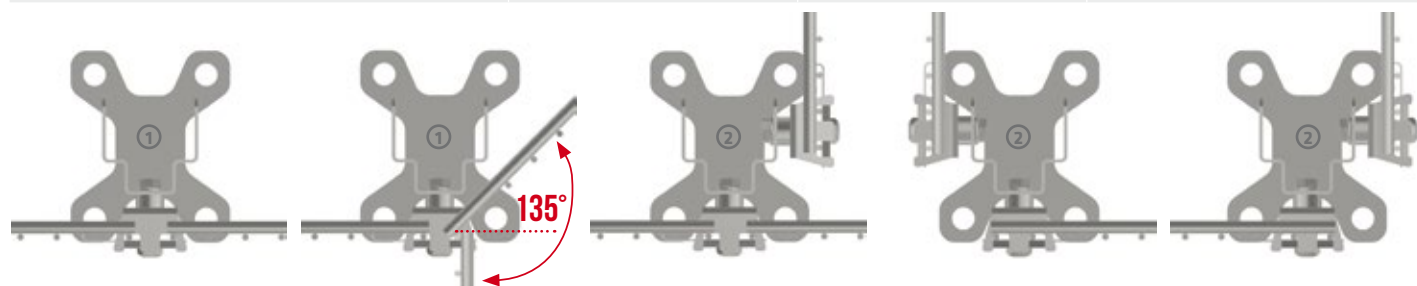
Name	Order no.	Version	Dimension mm (W x H)
Grid element	Y18005019	Stainless steel grade 1.4301	483 x 1808 mm
Grid element	Y18010019	Stainless steel grade 1.4301	983 x 1808 mm
Grid element	Y18015019	Stainless steel grade 1.4301	1483 x 1808 mm



Universal safety fence posts*

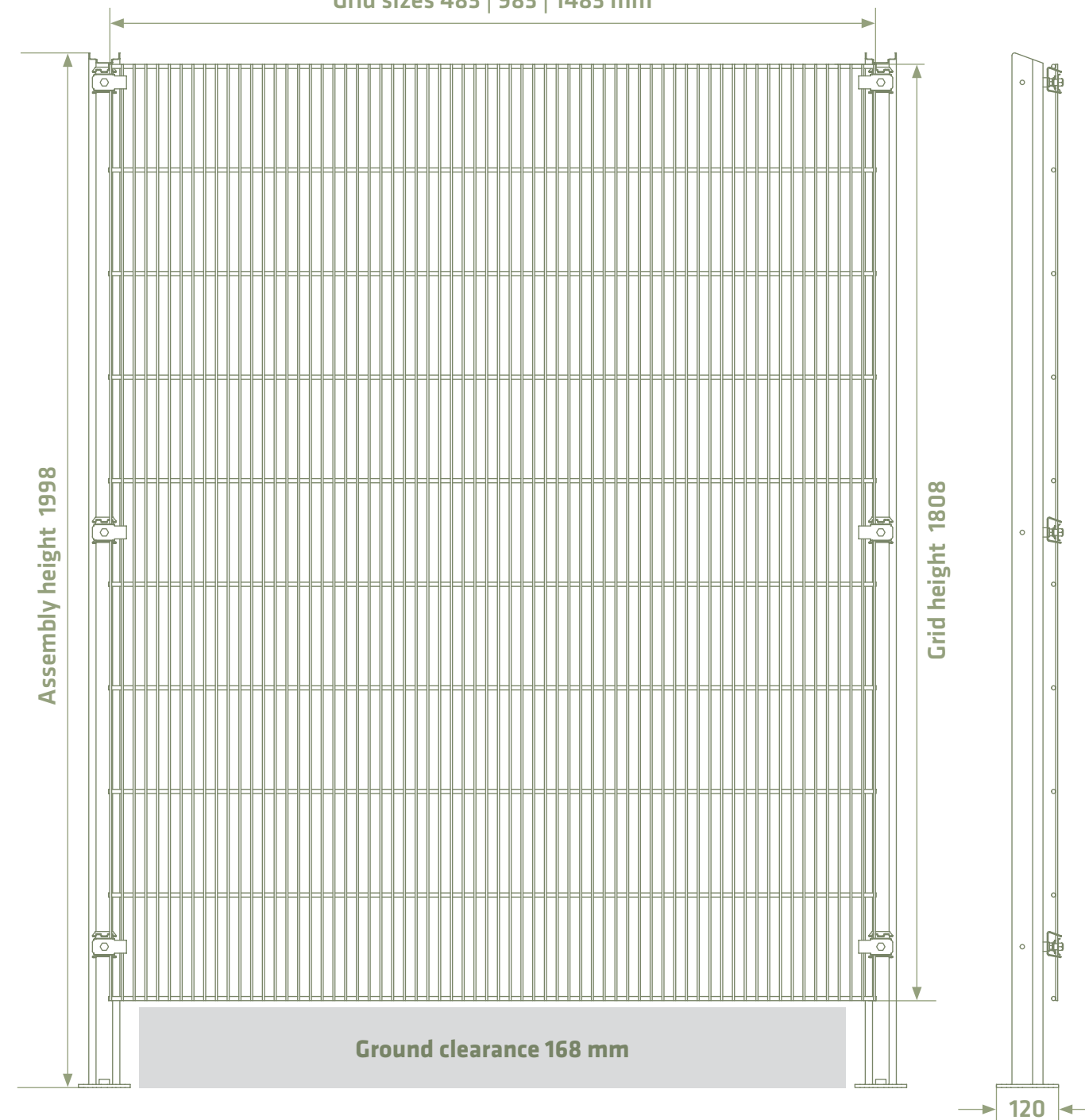
1998 mm

Name	Order no.	Version	Dimension mm (W x H)
① Universal posts (series, mid, end)	YURP2000	Stainless steel grade 1.4301	60/60/1998 mm
② Universal posts (left / right corner posts)	YUEPLR2000	Stainless steel grade 1.4301	60/60/1998 mm



* The use as series or corner post version only differs with regard to the number of grid-holding fixtures supplied.

Grid sizes 483 | 983 | 1483 mm

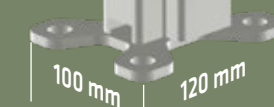


Axial dimensions: 500 | 1000 | 1500 mm



This article is in stock and available at short notice

Electro-polishing on request. Subject to technical modifications. Other widths and heights on request:
PH: 0049 - (0) 5223-79 19 95 -0 | Fax: 0049 - (0) 5223-79 19 95 - 90



Posts with welded foot plate

1-LEAF REVOLVING DOOR

DIRECTION OF
OPENING CAN BE
CHOSEN FREELY

Inventory articles
available at short notice!

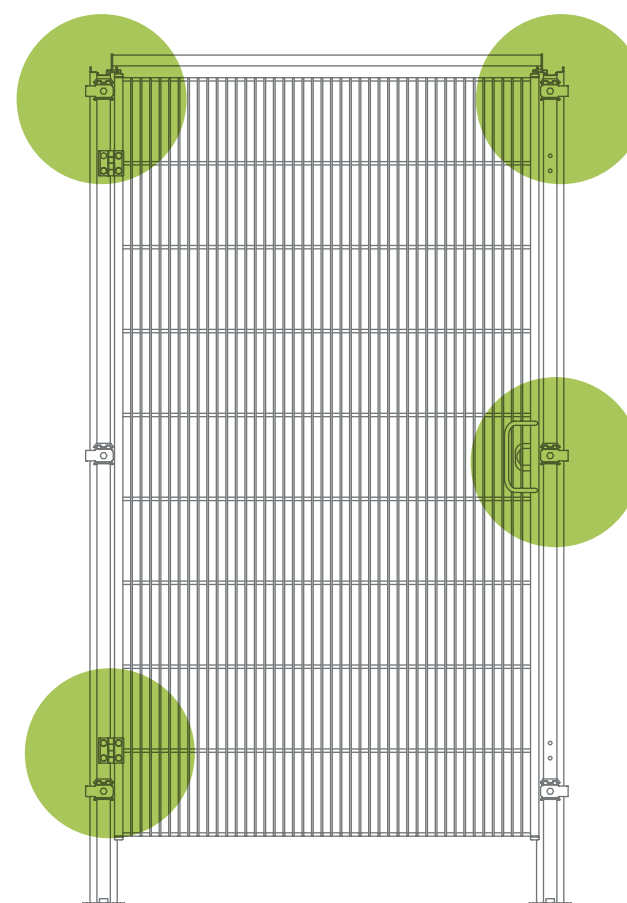
GUARANTEED
QUICK
ASSEMBLY!



ALL COMPONENTS
100%
STAINLESS STEEL

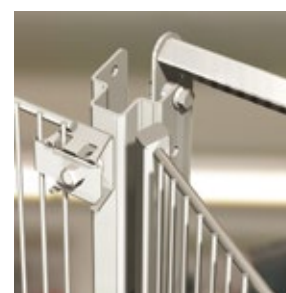


DOOR SYSTEM WIDTHS: 1000 MM
DOOR SYSTEM HEIGHT: 2000 MM



STABLE DOOR TRAVERSE

hygienic construction



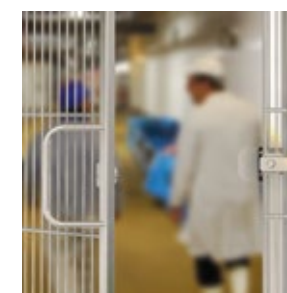
DIRECTION OF OPENING

Door for DIN left/right assembly



LOCKING

Bow-shaped handle with magnetic lock



SURFACE FINISH

All the components are pickled finished



🌀 **1-leaf revolving door**

Safety distance from the source of a hazard

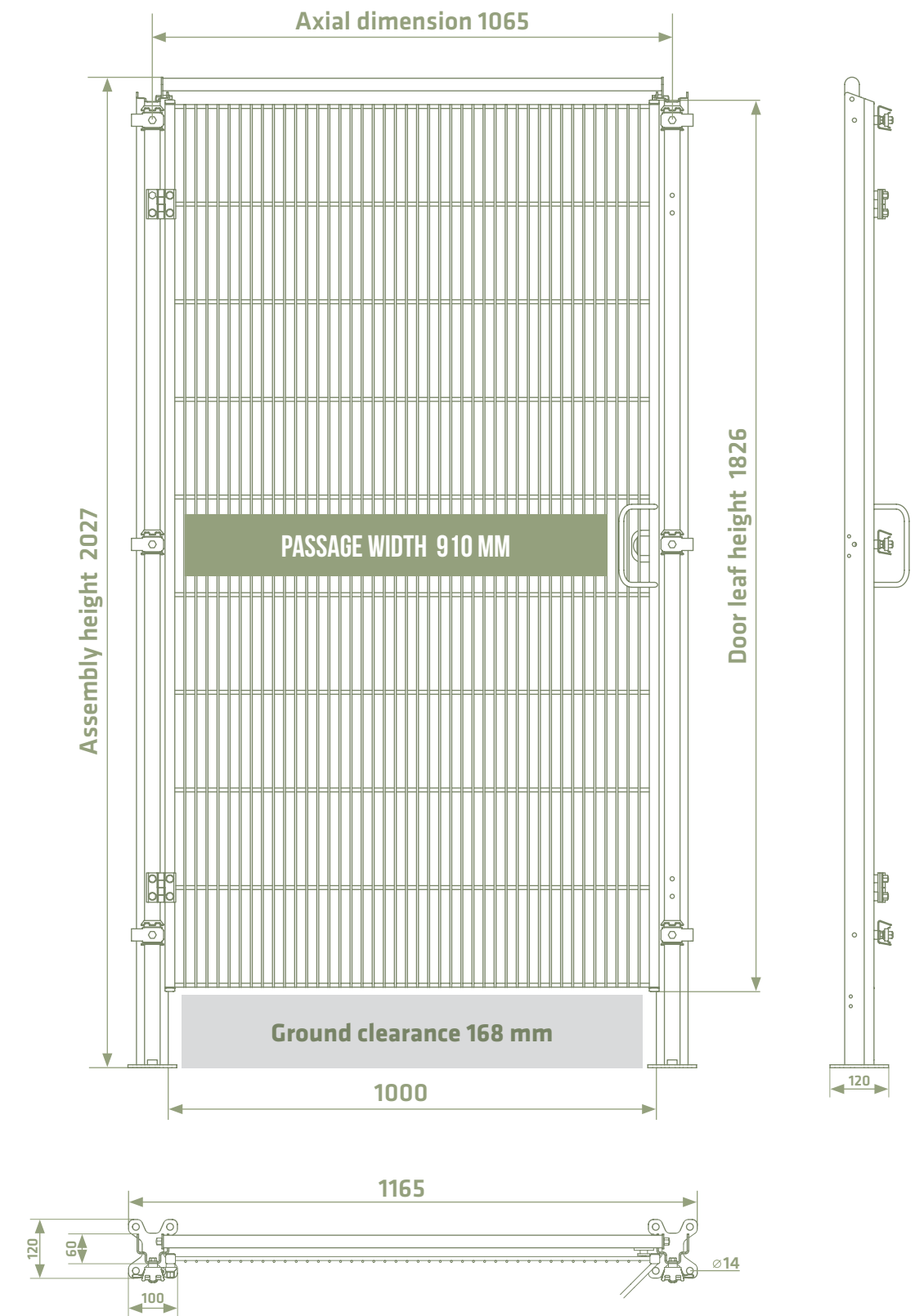
see page 29


- Door with lateral frame QR 20 (square tube 20 mm)
- Top cover via door traverse
- Standard locking: Stainless steel door handle with magnetic lock in open construction for easy cleaning
- Universal construction for DIN left / DIN right assembly
- Surface finish through pickling

Universal - 1-leaf revolving door


2027 mm

Name	Order no.	Version	Dimension mm (W x H)
1-leaf revolving door DIN left / right	YUTLR18010019 	Stainless steel grade 1.4301	1165 x 2027 mm






DIN LEFT




DIN RIGHT


Electro-polishing on request. Subject to technical modifications. Other widths and heights on request:
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ECOLAB®



EDELSTAHL®
Rostfrei



Surface finish
pickled

2-LEAF REVOLVING DOOR

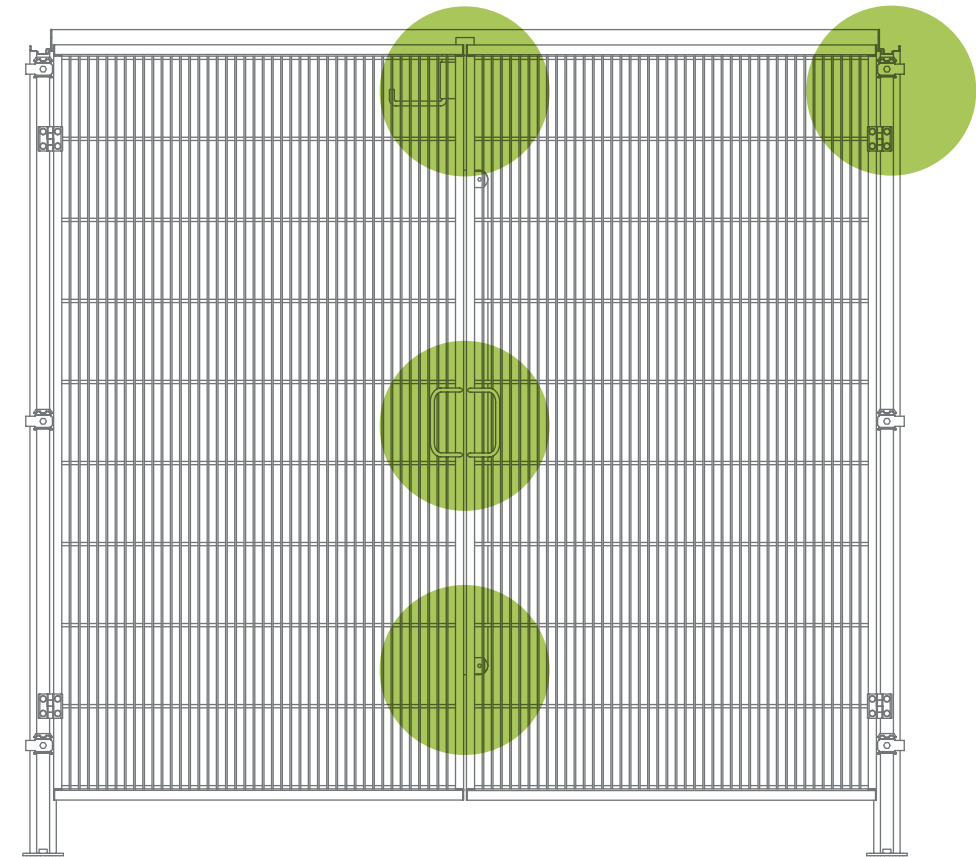


NEW PRODUCTS



ALL COMPONENTS
100%
STAINLESS STEEL

DOOR SYSTEM WIDTHS: 2000 MM
DOOR SYSTEM HEIGHT: 2000 MM



UPPER LOCKING DEVICE
Central lock on the traverse



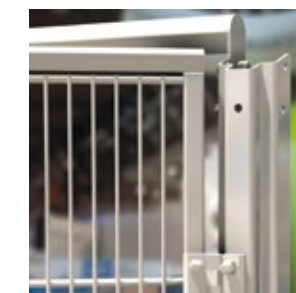
LOCKING
2 x bow-shaped handle with magnetic lock



STABLE DOOR LEAF
Door frame with revolving profile



OPEN CONSTRUCTION
Dirt-repellent design



🌀 **2-leaf revolving door**

Safety distance from the source of a hazard

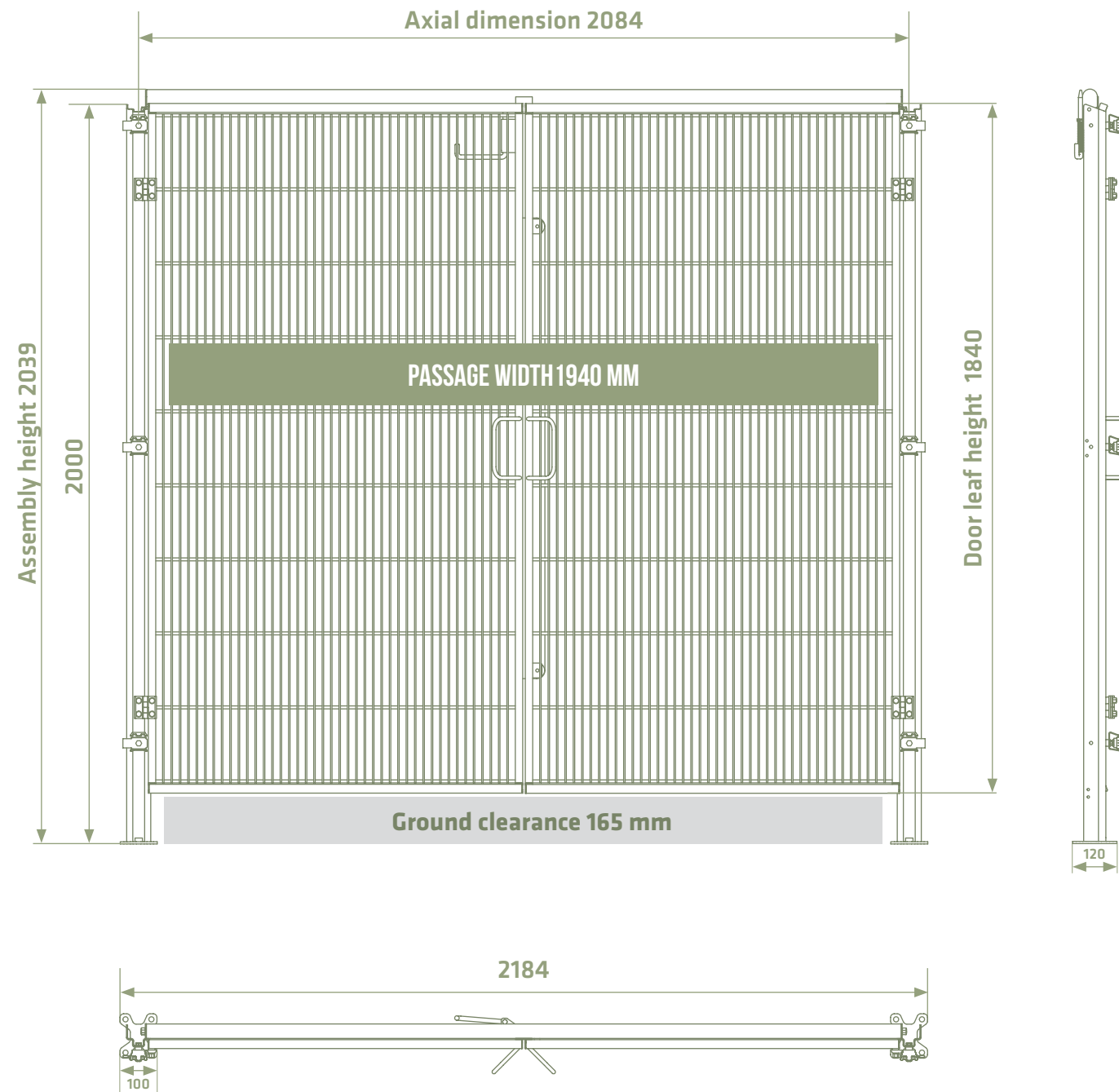
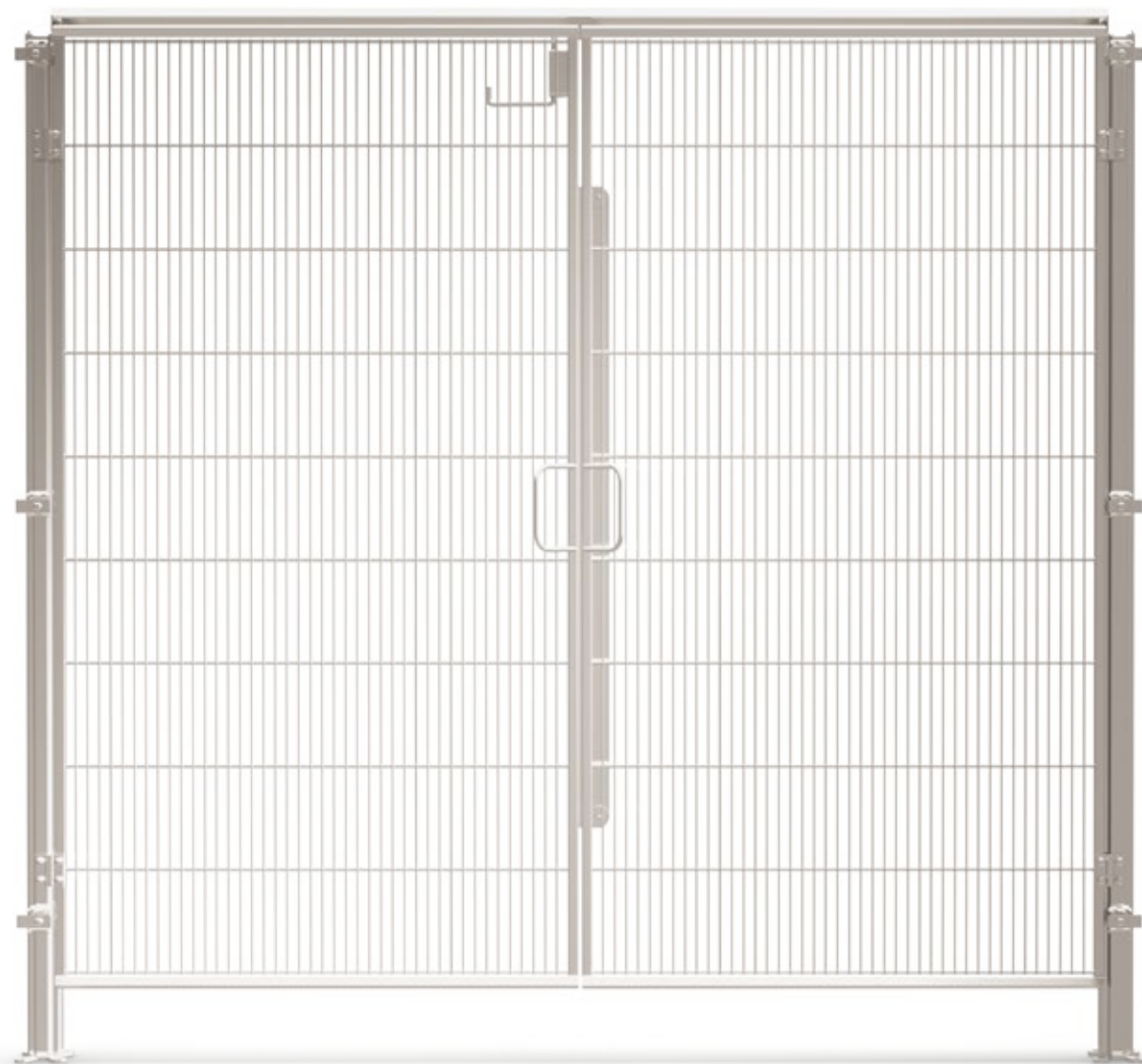
see page 29

- Door with lateral frame QR 20
- Top cover via door traverse with door hinge and blind leaf locking
- Standard locking: Stainless steel door handle with magnetic lock in open construction for easy cleaning
- Surface finish through pickling
- Construction for DIN right

2-leaf revolving door

2039 mm

Name	Order no.	Version	Dimension mm (W x H)
2-leaf revolving door	YUDT18020019	Stainless steel grade 1.4301	2148 x 2039 mm



⚠️ ⚠️

Electro-polishing on request. Subject to technical modifications. Other widths and heights on request:
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CE EDLSTAHL® Rost frei

ECOLAB Surface finish pickled

1-LEAF SLIDING DOOR

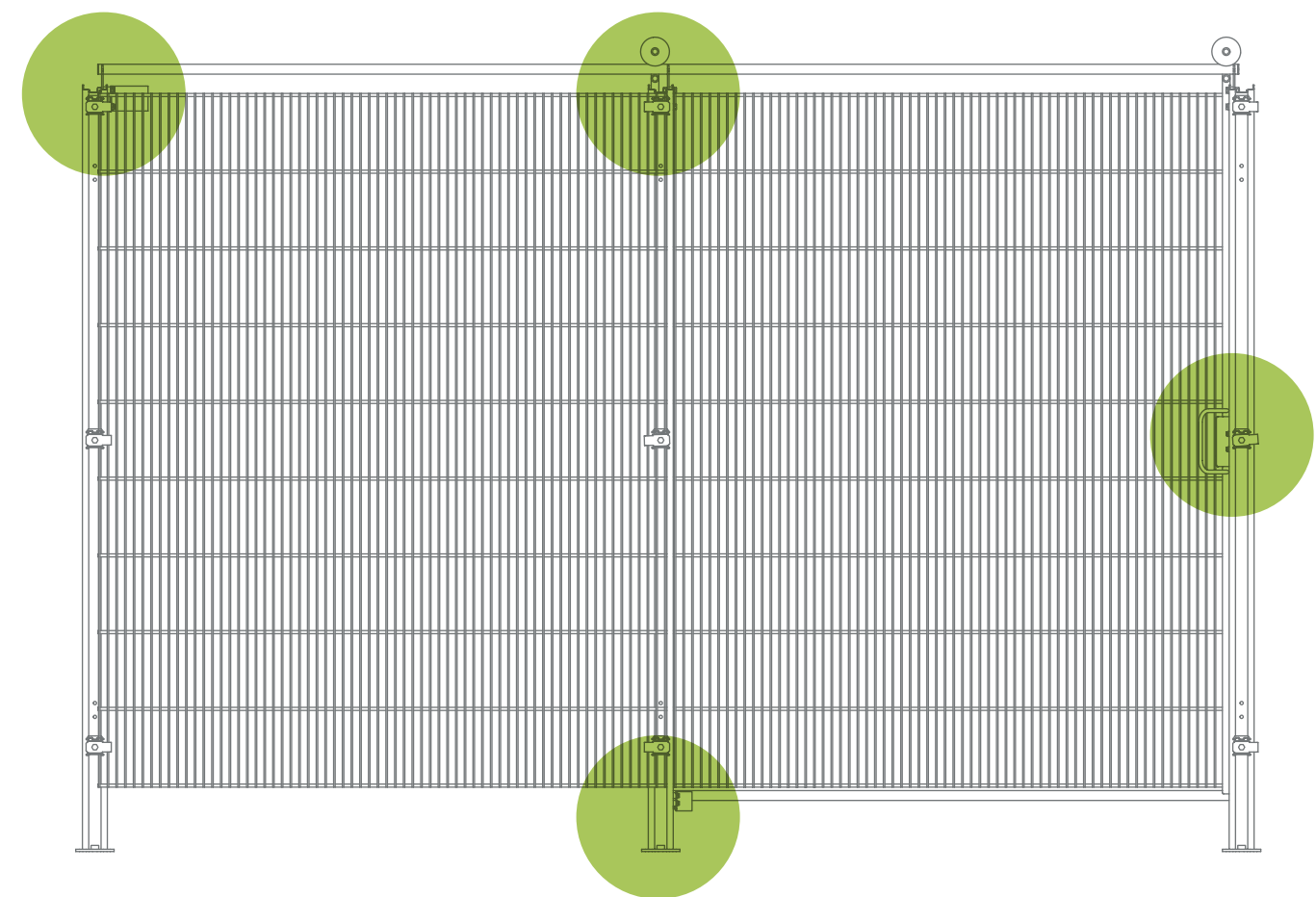
**GUARANTEED
QUICK
ASSEMBLY!**



NEW PRODUCTS



DOOR SYSTEM WIDTHS: 3000 MM
DOOR SYSTEM HEIGHT: 2000 MM



DOOR BUFFER
for optimal finger protection



SAFETY HINGE
secured roller guide



LOCKING
Bow-shaped handle with magnetic lock



FRAME GUIDE
in hygienic construction



🔗 **sliding door**

Safety distance from the source of a hazard

see page 29

- Door in U-frame design QR 20
- stable door traverse than the top cover
- Standard bolt: Stainless steel door handle with magnetic lock in open construction for easy cleaning
- DIN left / DIN right version can be ordered
- Surface finish through pickling

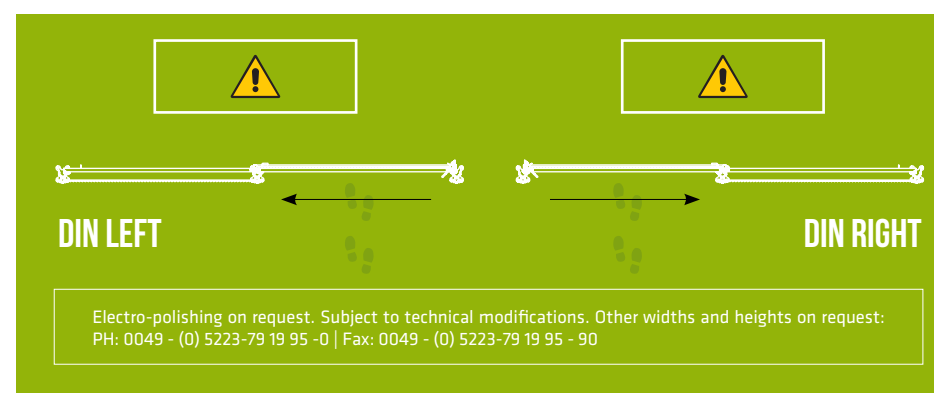
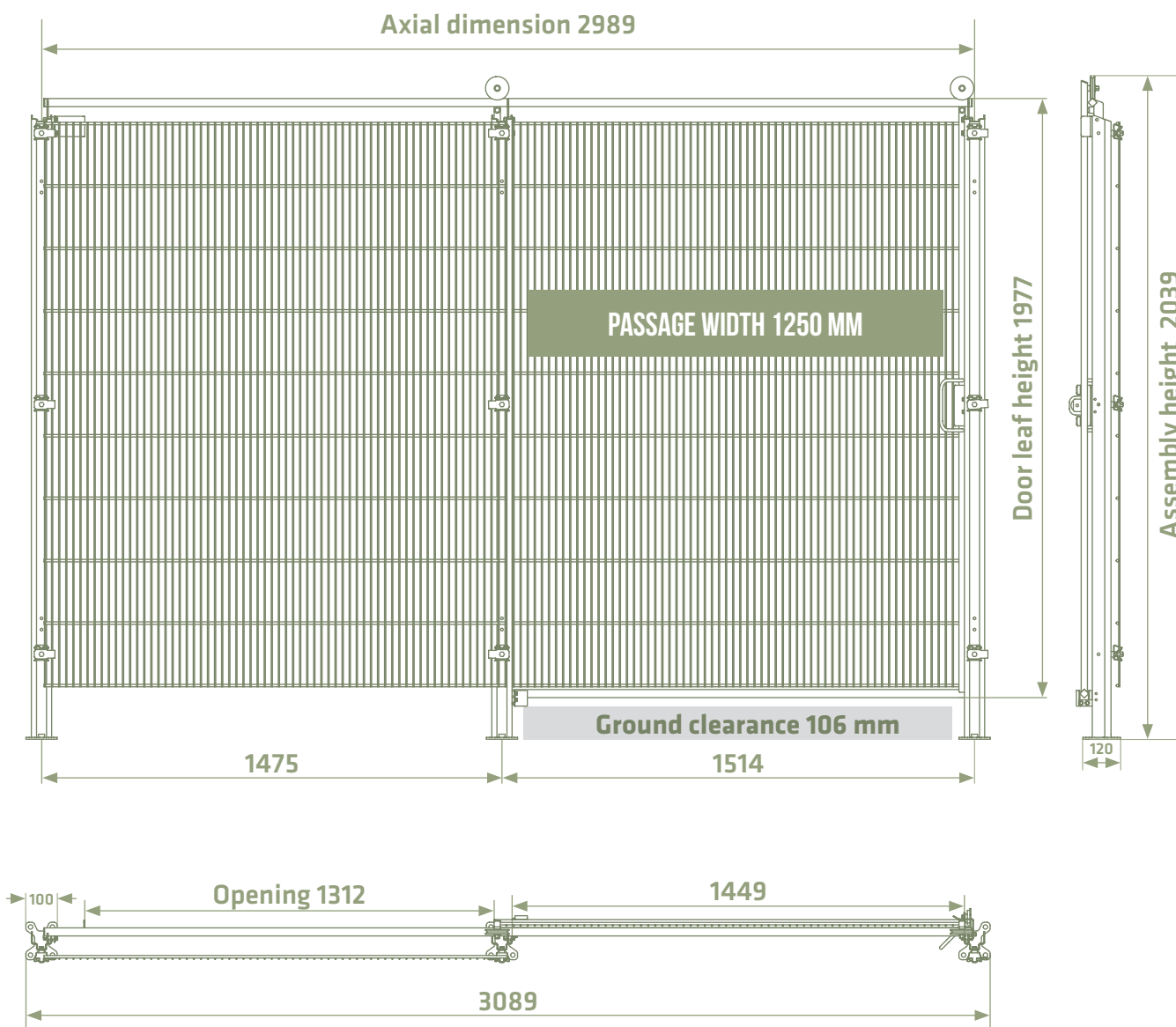
1-leaf sliding door

2039 mm

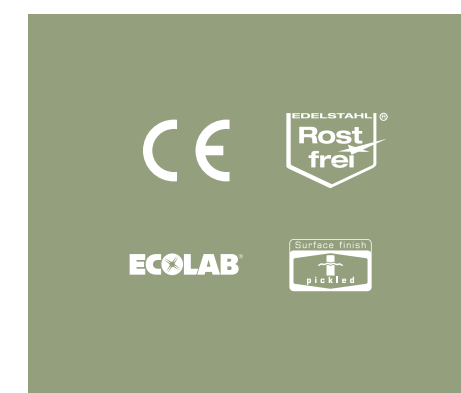
Name	Order no.	Version	Dimension mm (W x H)
1-leaf sliding door DIN left	YUSTL18015019	Stainless steel grade 1.4301	3089 x 2039 mm
1-leaf sliding door DIN right	YUSTR18015019	Stainless steel grade 1.4301	3089 x 2039mm



i Please note: Grid element (order no. Y18015019) between guide and end posts is not a part of the delivery scope.



Electro-polishing on request. Subject to technical modifications. Other widths and heights on request:
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OUR EXTENSIVE SERVICES ARE THE FOUNDATION OF YOUR SUCCESS.

PERSONAL AND QUICK PROCESSING OF THE FIRST REQUEST UP TO THE ACCEPTANCE.

Today, service is a commonly used term, but is not always up to the mark. We consider this our responsibility and we are committed to every phase of our order. This extends from personal and comprehensive consultation and needs analysis up to planning, production and after-sales service of many years. This has been the basis of our work and customers have been showing confidence in us for more than three decades now.

We supply to you or directly to your customers, depending on your requirements. The same goes for deliveries in Europe and overseas. If required, we can handle all necessary logistic processing for you. From creating dispatch and customs documents to country-specific packaging. We are also at your disposal for transport via road, rail, sea or air.

PLANNING OF AREA PROTECTION EN STANDARDS

Among other things, our products serve as separating safety equipment for securing a danger zone. Our safety grid systems are constructed in compliance with the applicable EU standards and hence fulfil the existing accident prevention regulations.

A corresponding risk analysis is necessary to plan danger zone protection by using separating safety equipment. Here, the following standards must be taken into consideration:

DIN EN ISO 12100

Safety of Machines

DIN EN ISO 13857

Safety distances to avoid danger zones by means of upper and lower thresholds

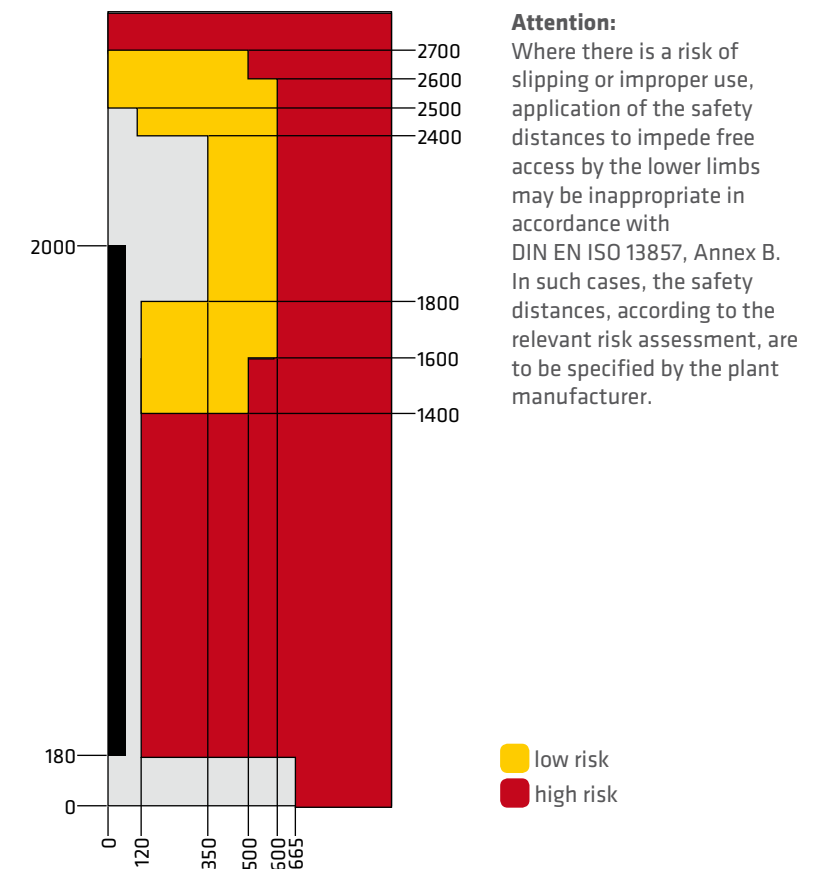
DIN EN ISO 14120

Separating safety equipment

DIN EN ISO 14119

Locking devices in association with separating safety equipment

SAFETY DISTANCES DIN EN ISO 13857

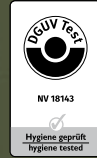


Attention: Where there is a risk of slipping or improper use, application of the safety distances to impede free access by the lower limbs may be inappropriate in accordance with DIN EN ISO 13857, Annex B. In such cases, the safety distances, according to the relevant risk assessment, are to be specified by the plant manufacturer.

i Attention: Permissible only when using HYGIENEFENCE® grid elements with mesh size 19|190 mm.

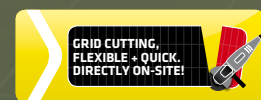
GUARANTEED SAFETY EX-WORKS:

- ⊙ TYPE-EXAMINATION TESTED
- ⊙ HYGIENE-CERTIFIED
- ⊙ CONFORMS WITH MRL2006/42/EC
- ⊙ EC CONFORMITY DECLARATION
- ⊙ CE LABELLING



ALL COMPONENTS
100%
STAINLESS STEEL*

HYGIENEFENCE® THE STAINLESS STEEL SAFETY FENCE
THE SAFE AND CLEAN SOLUTION FOR PRODUCTION PLANTS IN THE
FOOD INDUSTRY



* Except for the guide elements of the sliding door

MORE RESPONSIBILITY WITH HYGIENEFENCE® SIGNS OF A SAFER TOMORROW



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...we protect people!

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