

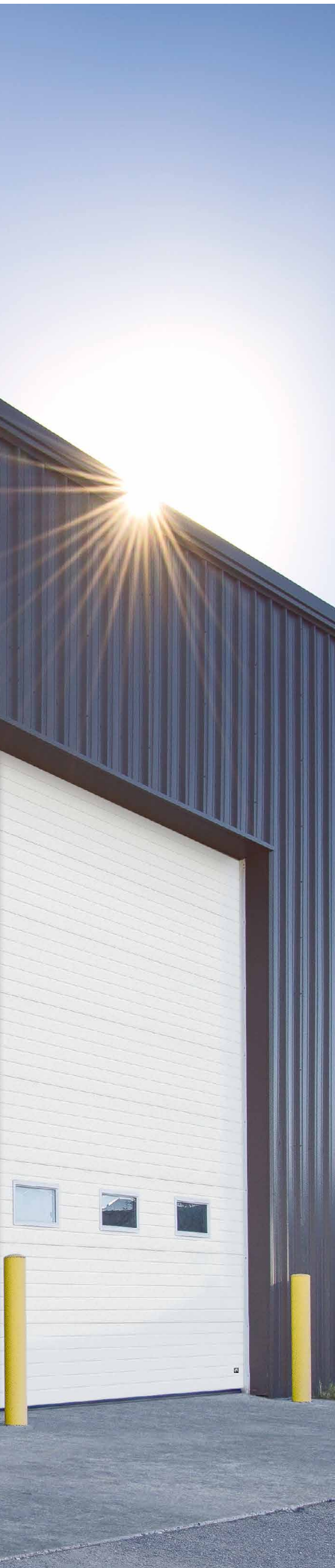


**INDUSTRIAL DOORS**



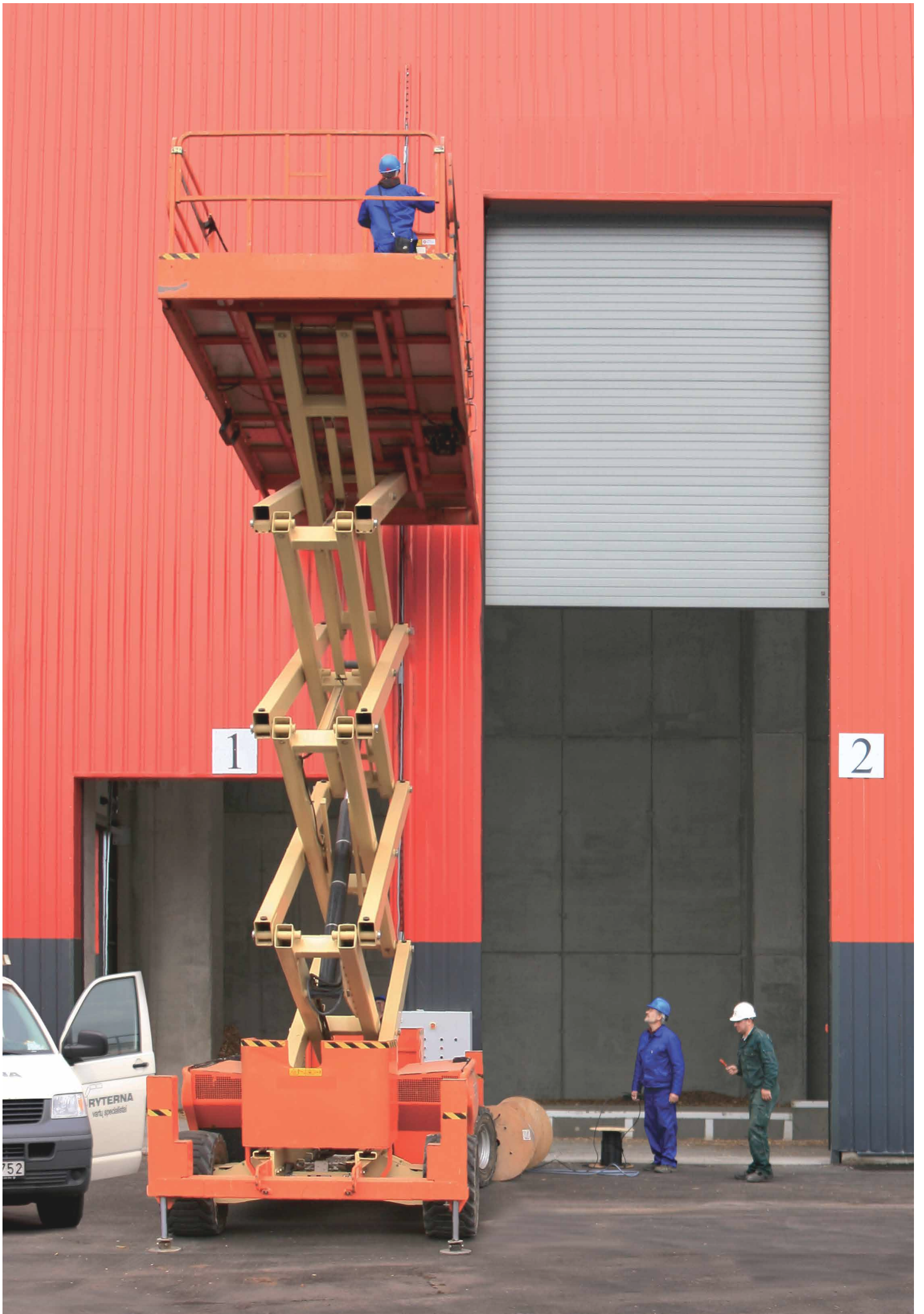






# Contents

|                                   |    |
|-----------------------------------|----|
| Intro                             | 5  |
| TLP Rib                           | 7  |
| TLP Macrorib                      | 9  |
| Glazing options                   | 11 |
| Wicket door                       | 13 |
| Side door                         | 15 |
| TLP Full View                     | 17 |
| TLP Full View Thermo              | 19 |
| TLT                               | 21 |
| TLP Ultra Thermo 80               | 22 |
| TLP - FV Ultra Thermo 80          | 23 |
| Roll-up                           | 24 |
| Roll-zip                          | 25 |
| Tracks                            | 26 |
| Match the style                   | 31 |
| ISFD Side Sliding Framed Doors    | 32 |
| ISSD Side Sliding Sectional Door  | 33 |
| ISH2 Industrial Side Hinged Doors | 34 |
| Panel options                     | 35 |
| Tailored engineering              | 35 |





# Industrial doors built to serve

RYTERNA manufacture several types of industrial doors. Each door we build exactly for its purpose. Of course durability and performance are key factors. But we care about door aesthetics as well. It is important how your industrial surrounding looks like.

We specialize in designing and manufacturing large-size special doors of various types. Each case is unique. Therefore we are ready to help you to choose the right type of door to get the best performance.

Having specialized in sectional door manufacturing for more than 30 years we have developed a wide product range. From solid design, materials, insulation and hardware — to fast delivery and reliable service.

Numerous sectional door manufacturing facilities equipped with continuous production lines, supply sectional door products all over Europe. For further information on any of our product range, please, contact your nearest RYTERNA distribution office where a member of our staff will be happy to assist you with any inquiry.

**Variety.** A vast range of panel designs. RYTERNA offers a standard panel range as well as many exclusive and unique designs to fit the most demanding requirements.

**Tailored.** Each RYTERNA door is tailor-made using the exact dimensions of your opening. This ensures the door you choose is manufactured according your specifications at no extra cost.

**Quality & Safety.** The company works in accordance to EN ISO 9001:2015 quality standards. Products are tested to meet CE requirements in accordance to the standard EN 13241 - 1, include anti-pinching panels and hardware, spring brake safety devices and other equipment to warrant safe operation. RYTERNA quality system, along with years of experience, helps us making a top-line sectional door.

**Insulation.** RYTERNA sectional door panels are made of double skin zinc coated, primed and painted steel tin filled with 40 or 80 mm PU foam. Tight weather-sealing all around the door provides efficient thermal insulation.

**Delivery.** All doors are delivered by RYTERNA fleet. Firm and easy-to-handle packing significantly reduces the risk of damage up to fitting moment.









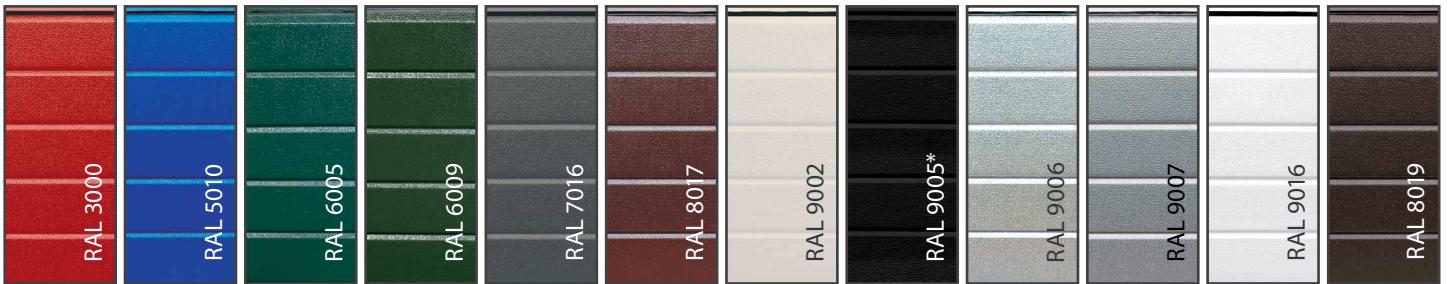
# TLP Rib

Rib panels surface have a standard Stucco pattern.

Double-skinned 40 mm thick PU insulated panels provide good thermal insulation. Standard panel heights — 500 mm and 610 mm. Sections of this type can be used in the door up to 50 square metres.

10 cm high horizontal ribs the door lightweight look and extra sturdiness at the same time.

TLP RIB doors are available in 12 standard colours. Any other RAL palette colour available.



\*RAL 9005 in Woodgrain only.







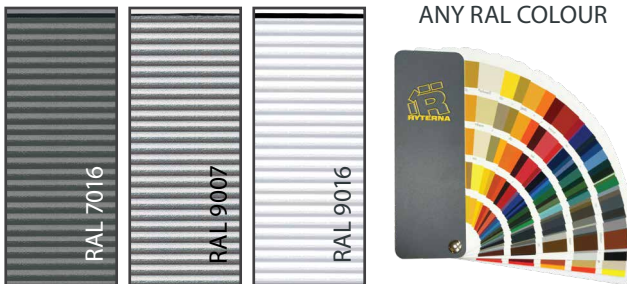
# TLP Macrorib

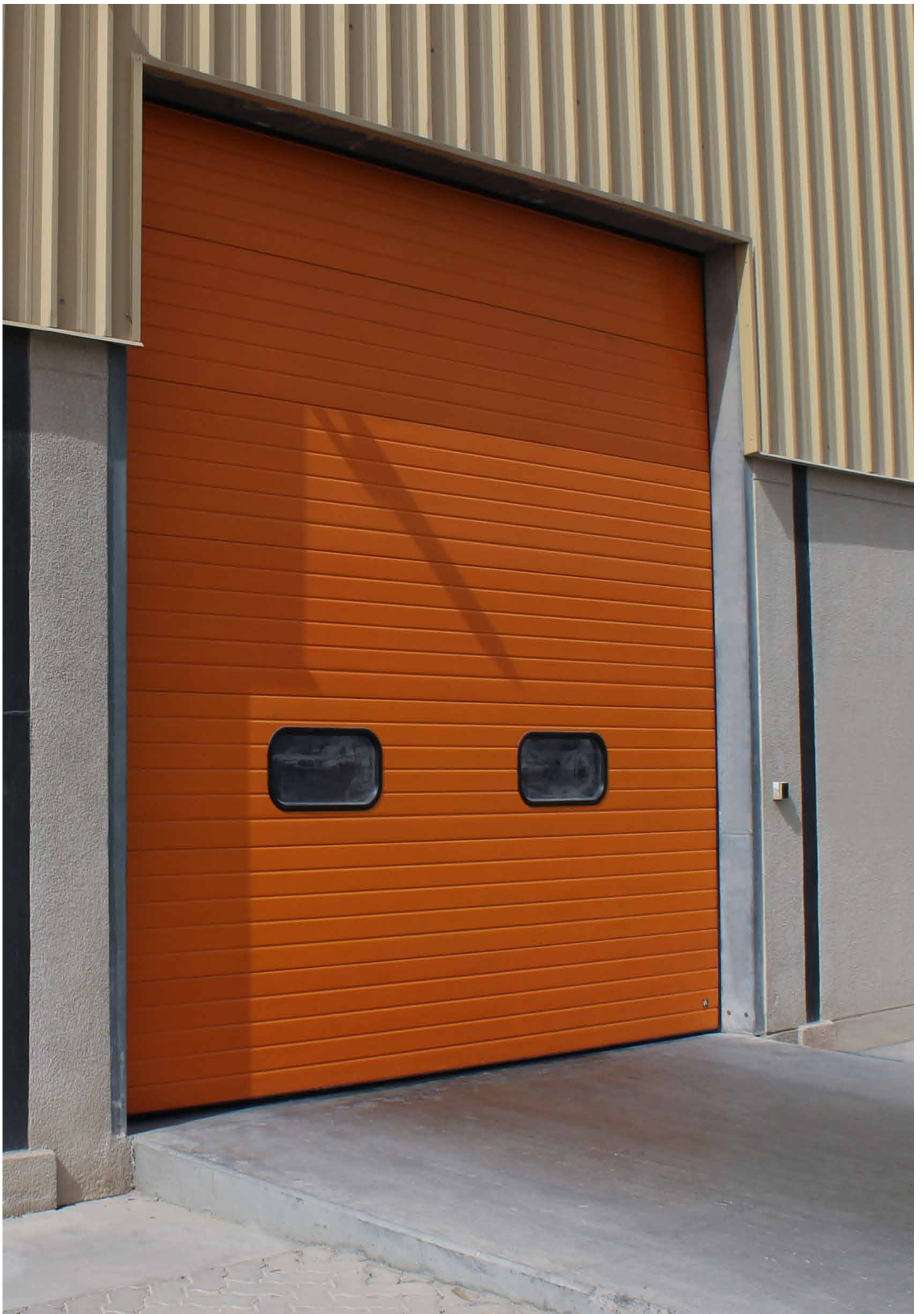
**Macrorib** panels surface have standard Stucco pattern.

The surface of Macrorib door is stucco embossed and formed in soft waves, every 10 mm. Nice looking modern style door, suitable for commercial architecture.

Standard panel heights are 500 mm and 610 mm.

Macrorib doors comes in standard RAL 9007, RAL 7016 and RAL 9016 or painted any RAL colour.







# Glazing options

3 types of windows – round, oval and rectangular are available. Double acrylic glazing with plastic frame – as a standard. For a more stylish effect – stainless steel windows with single or double safety glass glazing – upon request. Stainless steel frames painted in RAL colours are available.



- Rectangular window
- Black plastic frame
- Double acrylic glazing.
- Dimensions — 640x336mm



- Rectangular window
- Black plastic frame
- Double acrylic glazing
- Dimensions — 610x200mm



- Oval window
- Black plastic frame
- Double acrylic glazing
- Dimensions — 670x345mm



- Decorative round window
- Stainless steel frame
- Safety glass
- Diameter: 315mm; 235mm; 155mm



- Decorative round window
- Stainless steel frame painted RAL colours
- Safety glass
- Diameters: 315mm; 235mm; 155mm



- Decorative square window
- Stainless steel frame
- Double safety glass
- Dimensions: 315x315mm; 235x235mm; 155x155mm



- Decorative rectangular window
- Stainless steel frame
- Double safety glass
- Dimensions — 805x155mm







# Wicket door

When an additional entrance is required and there is no space for the side door, — the **wicket door** could be an option. As a standard, wicket doors are supplied with a door closer, lock and handle. You can choose either standard or a version with a low threshold which is more convenient to pass through.

Standard opening sizes are 800 mm wide and 1900 - 2300 mm high depending on door layout. Max wicket door opening width 1200 mm (consult manufacturer about possibility for wide doors).

Pass door in TLP door is factory pre-assembled with lock and sliding door closer.

Options with magnetic or mechanical pass door closure switch, various anti-panic lock options are factory pre-installed on request.

Pass doors can be made of double-skinned sandwich panels and full-vision aluminium panels.

For additional security – 3 point lock is optional.

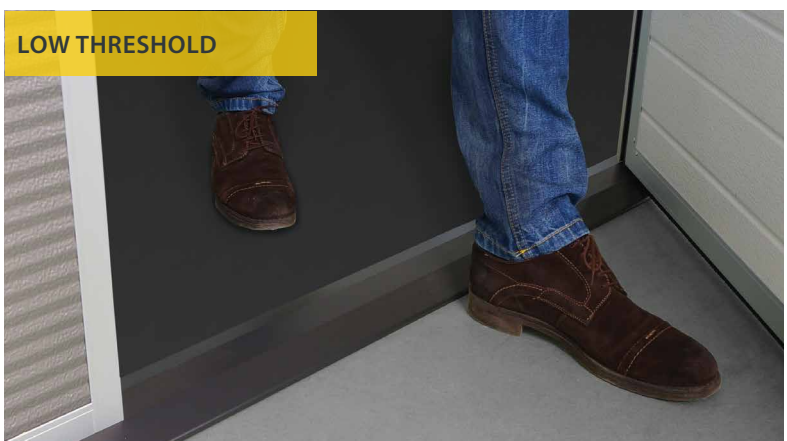
**STANDARD HANDLE COLOUR – SILVER  
BLACK AND WHITE – ON REQUEST**



**ANTI-PANIC LOCK**



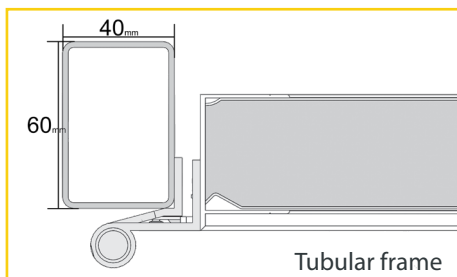
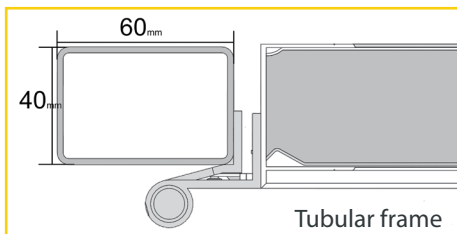
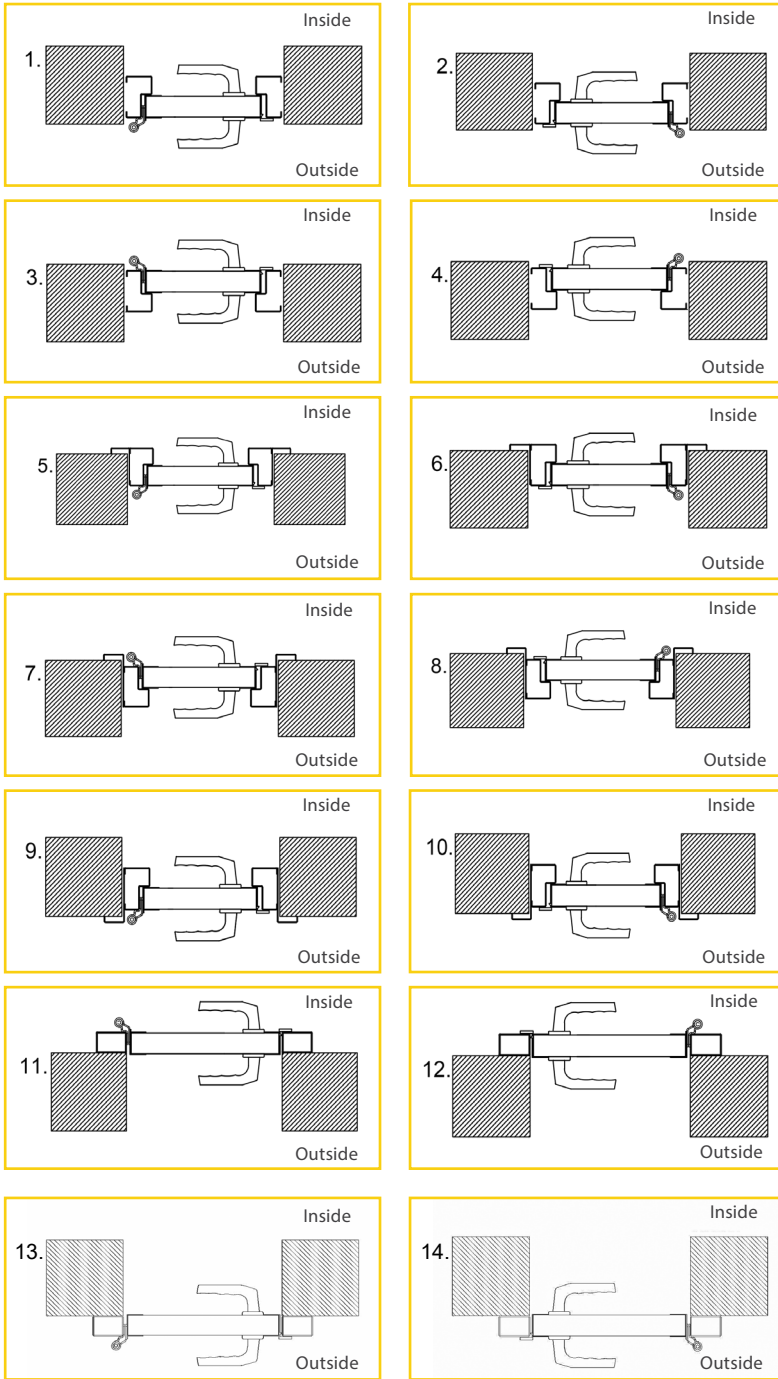
**ANTI-PANIC LOCK WITH OPENING BAR**







**SIDE DOOR FITTING AND OPENING OPTION**

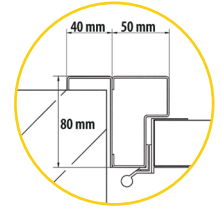
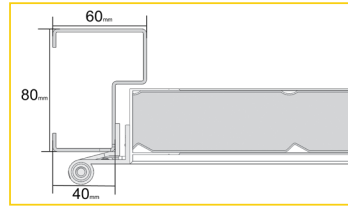


**3 POINT LOCK**



# Side door

Side doors are made according to the style and parameters of the panels, including aluminium frames and glazing.



**STANDARD HANDLE COLOUR – SILVER  
BLACK AND WHITE – ON REQUEST**



**ANTI-PANIC LOCK / ANTI-PANIC LOCK WITH OPENING BAR**

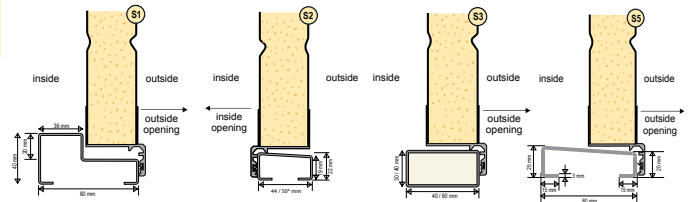


**SELF CLOSING HINGES**

**FRAME MOULDINGS**



**SIDE DOORS THRESHOLD**







# TLP Full View

FV-standard



TL-FV door panels - anodized aluminium frames glazed with double acrylic glass come as a standard, Aluminium profiles can be painted any colour including metallic finish.

Optionally You can choose: acrylic, anti-scratch, tinted, matt or safety glass.

Sandwich type bottom white panel is standard for TL-Full View doors.

Glazed or 'sandwich' filled bottom panel is optional.



Natural safety glass

Standard clear acrylic

Clear anti-scratch

Tinted

Matt







# TLP Full View Thermo



Aluminium profiles with thermal break significantly increase the insulation value of a panoramic sectional door panels. **FV Thermo doors** are produced up to 7 meters wide and 6 meters high, with standard double panes of acrylic glazing or double anti-scratch glazing.

Optional tinted glazing provides better thermal value.







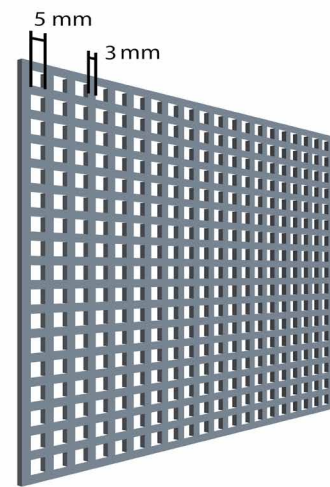
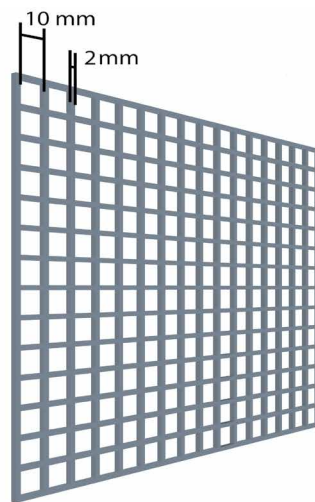
# TLT



TLT sectional doors are designed for premises that require intensive ventilation, such as underground garages and car parks. Alu-frame with perforated, galvanised and coated steel sheets or perforated aluminium fillings provides required airflow.

We offer grilles with 2 size holes: 5x5 with approx. 40% air permeability, and 10x10 with approx. 70% air permeability.

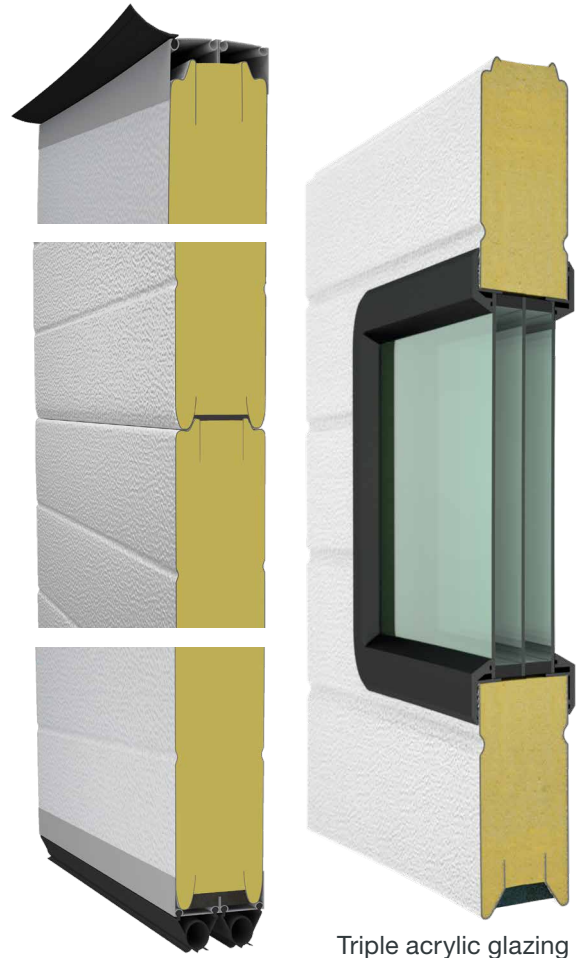
The number of perforated panels, both in the door and side doors, could vary depending on the airflow requirements.



# TLP Ultra Thermo 80

**Ultra Thermo** industrial doors are designed and manufactured to save thermal energy in heated or refrigerated premises. Thermal break between inner and outer steel surfaces and 80 mm thick, high-density polyurethane insulation, provides excellent thermal value of the door up to 0.5 W/m<sup>2</sup> K.

Triple glazed acrylic windows thermal insulation is the same as a sandwich panel.





# TLP FV

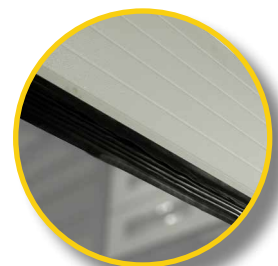
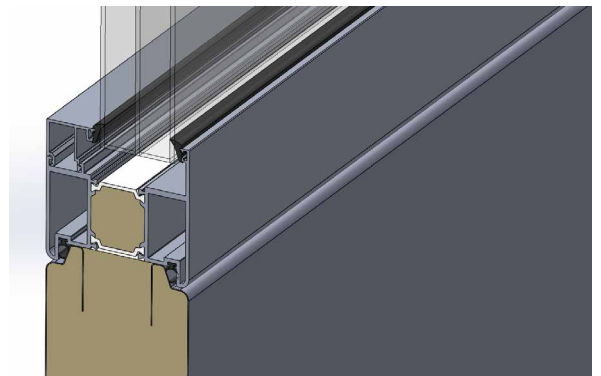
## Ultra Thermo 80



80 mm thick aluminium profiles with 30 mm PU foam thermal break.

Made to measure up to:

- 6000 mm wide
- 5000 mm high
- U value =  $2.0\text{W/m}^2\text{K}$



# ROLL-UP

## PVC high-speed door

High-speed doors are used to save energy and speed up work. The PVC curtain is made with aluminium profile, so it is resistant to impacts, and wind load. The doors and the drive are adjusted for precise and long-lasting operation.





# ROLL-ZIP

## PVC high speed door

Roll-zip doors are suitable for installation in exterior and interior walls. Dimensions up to 4000x4000 are available. Non-standard sizes are possible. When the leaf is pushed out of the profile, as it rises upwards, it automatically returns to the track, and the doors can be used again without additional repair.

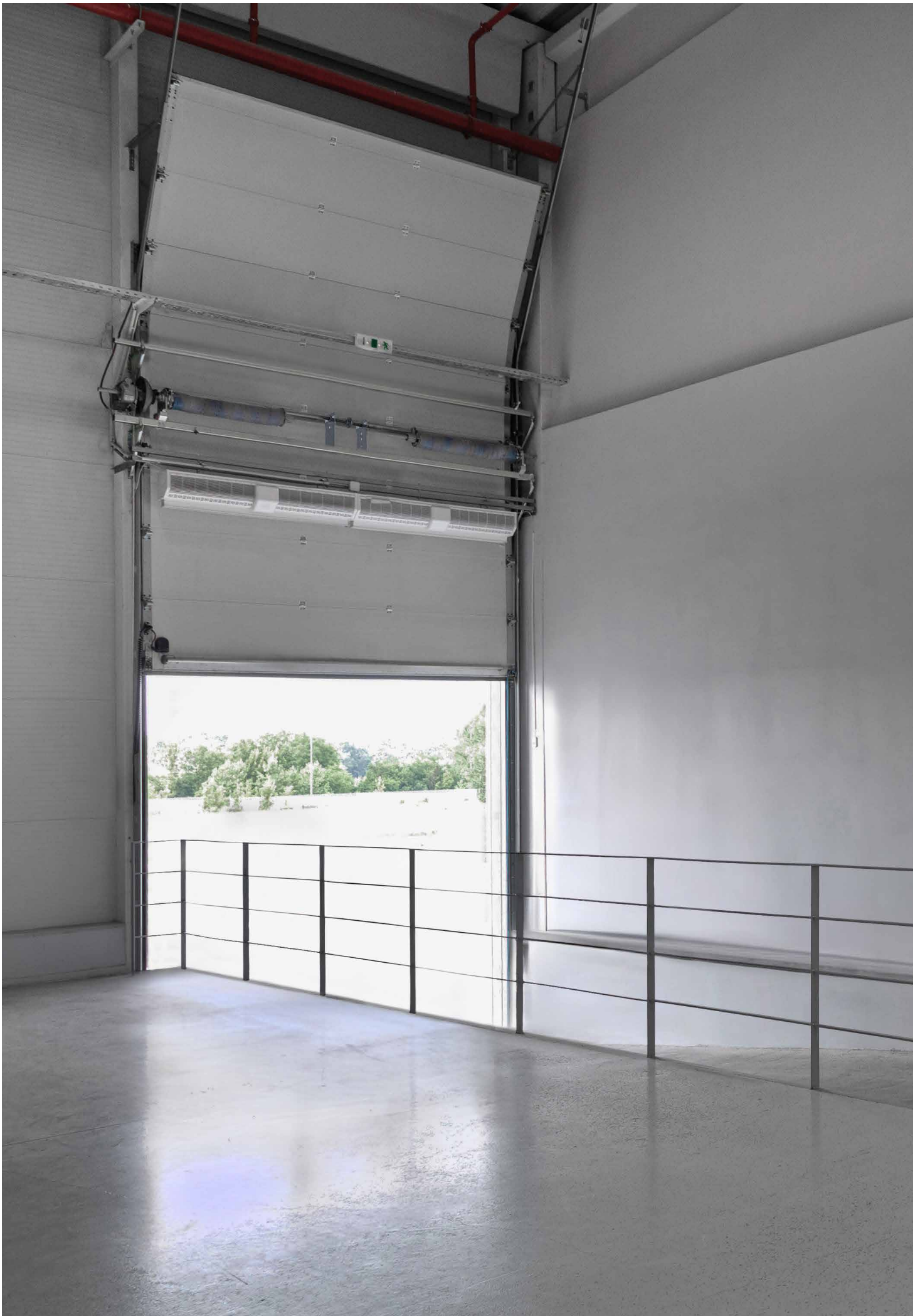


# Tracks

No matter how big your door or complex the building configuration is, we can offer tailored solutions for the best performance.

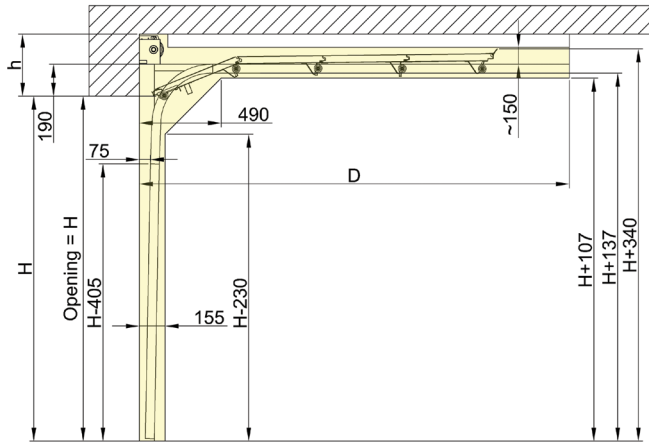






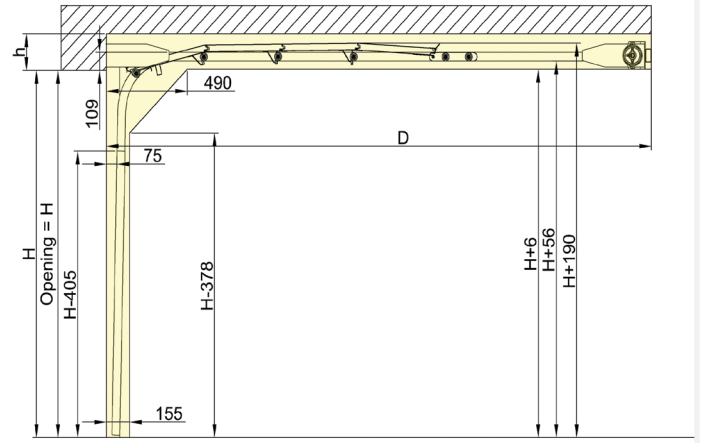
# STD

standard



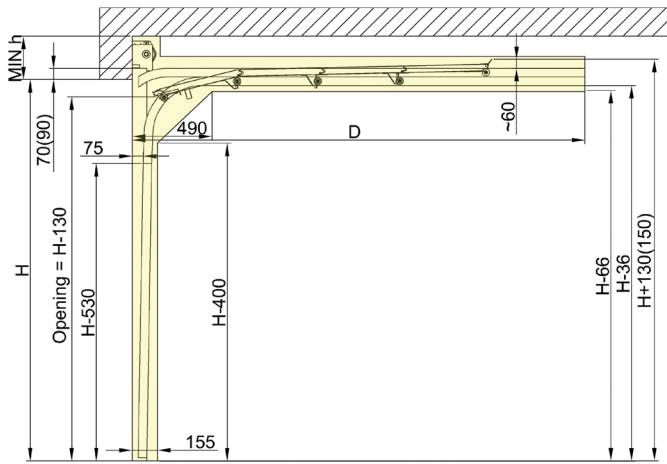
# STD-RM

standard, spring rear mounted



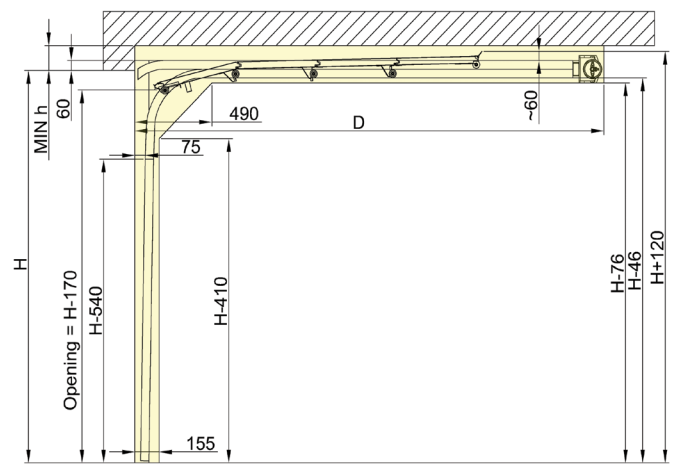
# LHR-FM

low headroom, spring front mounted



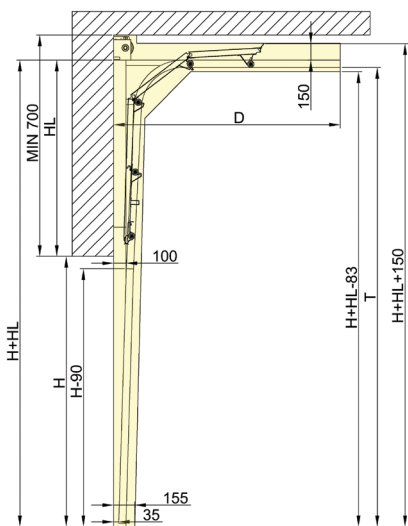
# LHR-RM

low headroom, spring rear mounted



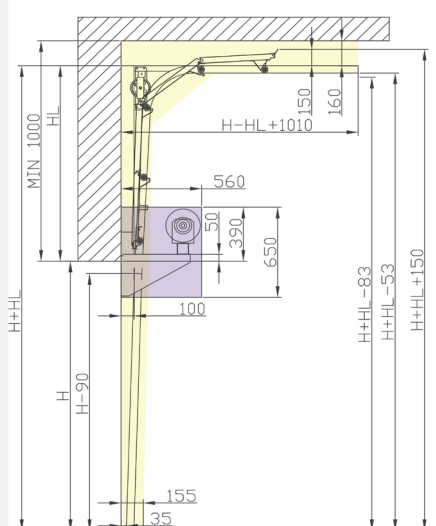
# HL

high lift



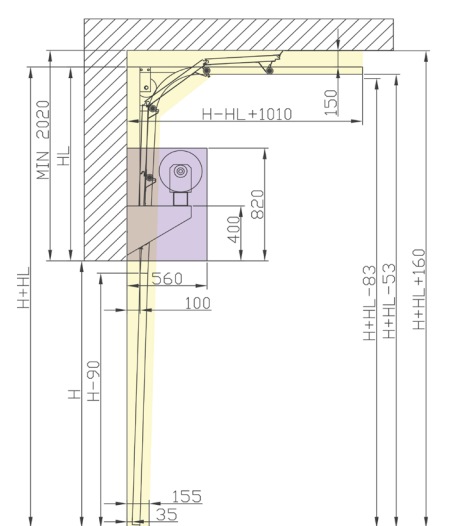
# HL MM

high lift with console



# HL MM2

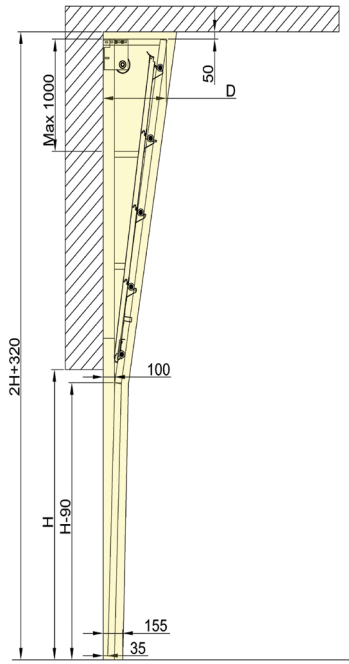
high lift with console





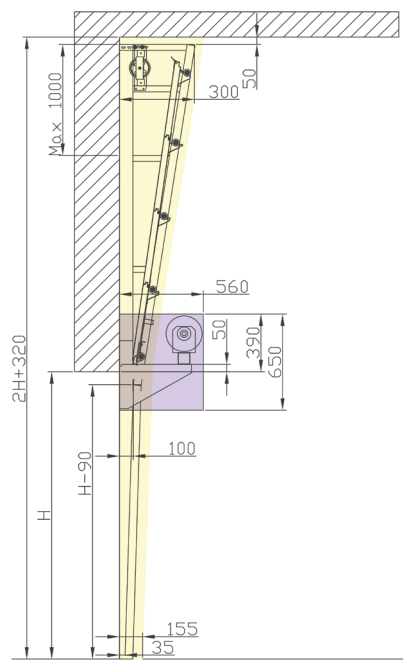
# VL

vertical lift



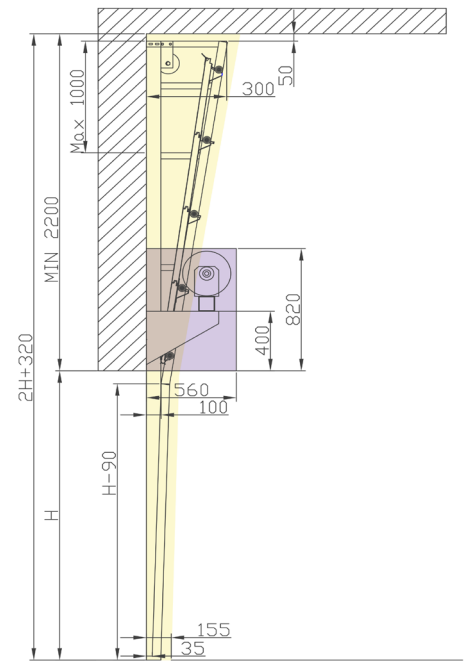
# VL1 MM

vertical lift with console



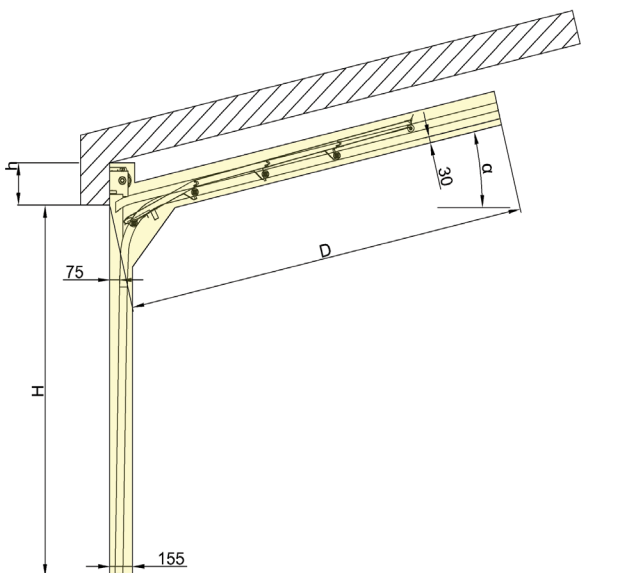
# VL2 MM

vertical lift with console



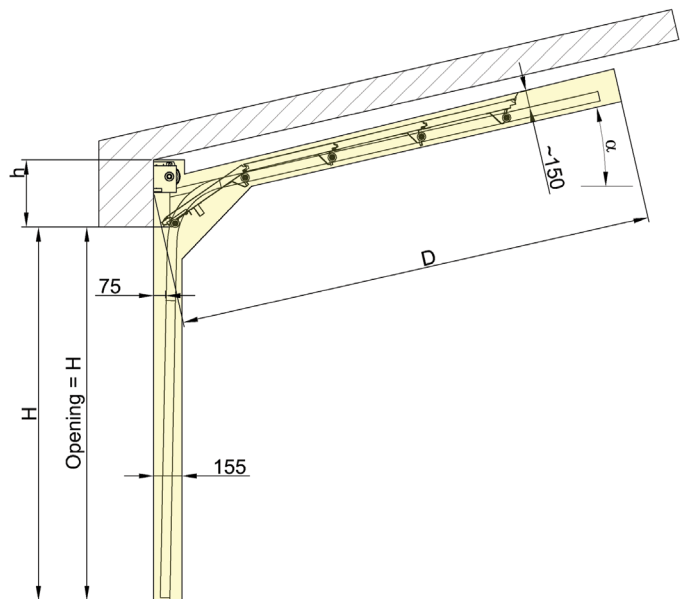
# SLOPING ROOF1

TLP LHR FM sloping roof



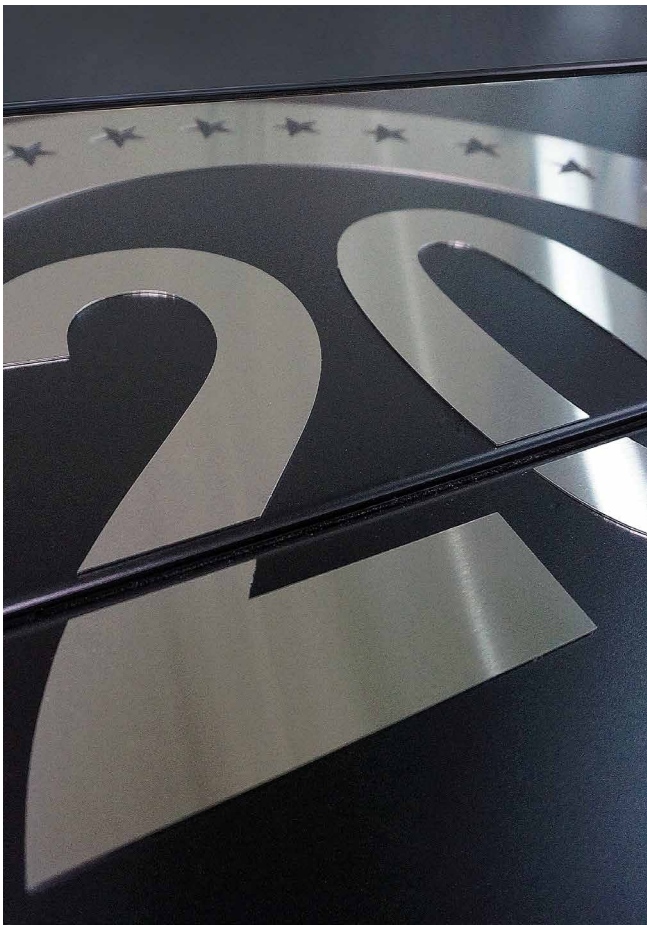
# SLOPING ROOF2

TLP STD sloping roof









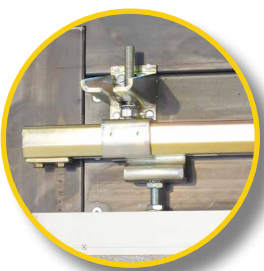
# Match the style

Going in tune with the surrounding architecture we can offer a whole complex of visual elements that will match the rest of the style. Panel surface, colour, painted elements or appliquées will match the style of whole ensemble.



# ISFD

## Side Sliding Framed Doors



Heavy-duty guide rails and carriages



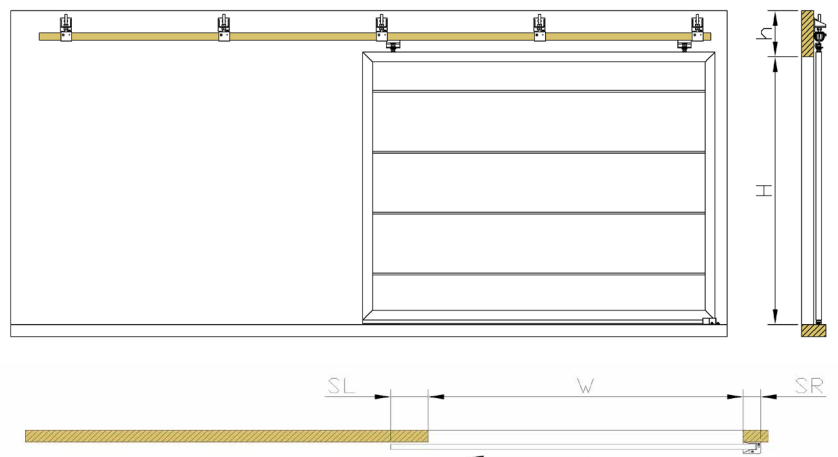
Side lock or floor lock options



Embedded handle



Solid bottom guide rollers



| WxH (max), mm | Max weight, kg | h, mm | SL, mm | SR, mm |
|---------------|----------------|-------|--------|--------|
| 3500x2500     | 170            | 200   | 150    | 140    |
| 4000x4000     | 300            | 280   | 300    | 140    |
| >4000x4000    | 600            | 410   | 300    | 190    |
|               | 1200           | 510   | 300    | 190    |





# ISSD

## Side Sectional Sliding Door

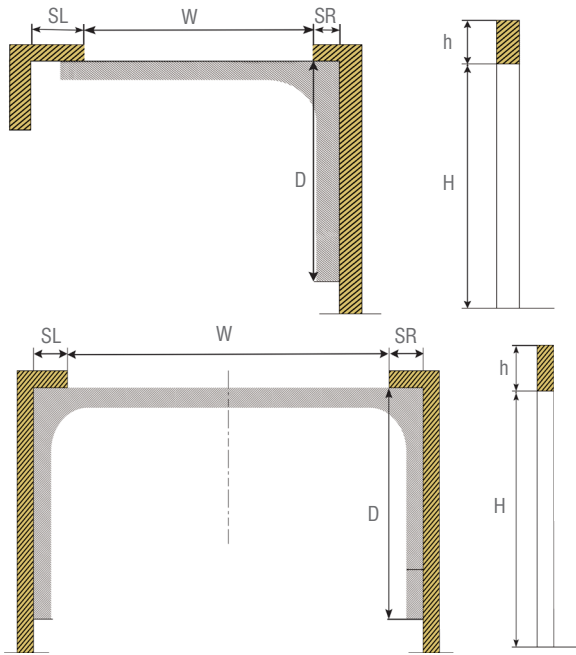
Vertical panel layout gives possibility to build door up to 30 metres wide and up to 15 metres high. Heavy-duty guiding rail and roller system ensures smooth and reliable operation.

Door is moving sideways – space under the ceiling is free for cranes and industrial equipment.

Custom made bent guiding rail corresponds to perimeter walls so the door occupies as little space as possible. Door is compatible with most electric drives. Pneumatic safety edges and infrared beam protective devices will make door operation safe.

Wicket door gives the possibility to save energy costs. Narrow bottom supporting groove requires very low service and provides smooth passage even for small trolleys and forklifts.

High wind load resistance allows to install doors in open and windy places.



|               |            | Manual |        |        |       |  |
|---------------|------------|--------|--------|--------|-------|--|
| WxH (max), mm |            | h, mm  | SL, mm | SR, mm | D, mm |  |
| Single leaf   | 10000x8000 | 400    | 750    | 75     | W     |  |
| Double leaf   | 20000x8000 | 400    | 750    | 750    | W/2   |  |

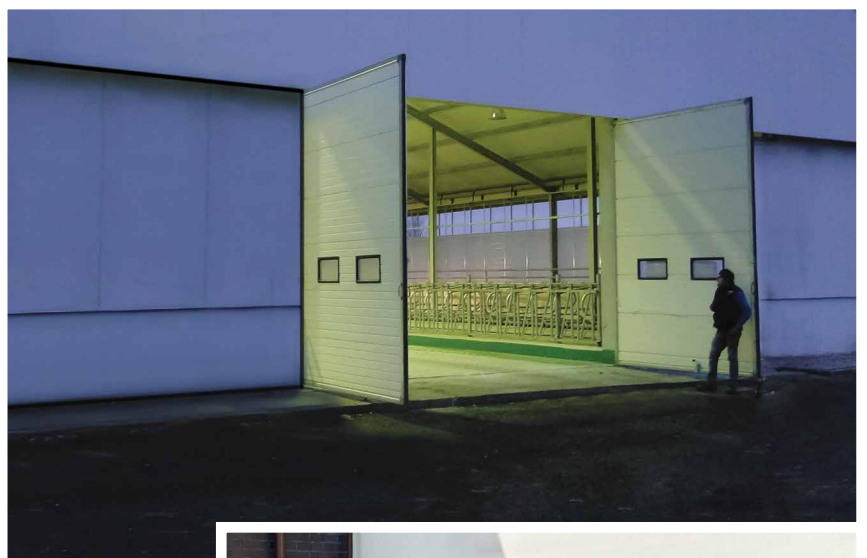
|               |            | Automatic |        |        |          |  |
|---------------|------------|-----------|--------|--------|----------|--|
| WxH (max), mm |            | h, mm     | SL, mm | SR, mm | D, mm    |  |
| Single leaf   | 10000x8000 | 1100      | 1750   | 300    | W-1000   |  |
| Double leaf   | 20000x8000 | 1100      | 1750   | 1750   | W/2-1000 |  |

# ISH2

## Industrial Side Hinged Doors



**Industrial Side Hinged Doors** could be the perfect choice where conventional industrial doors can't be installed. Main application areas: agriculture, workshops, storage spaces, big garages. Insulated and reinforced leaves, steel frame, heavy duty hinges ensure high durability and perfect performance. Standard sizes up to 5x5 metres. For bigger sizes consult the manufacturer.

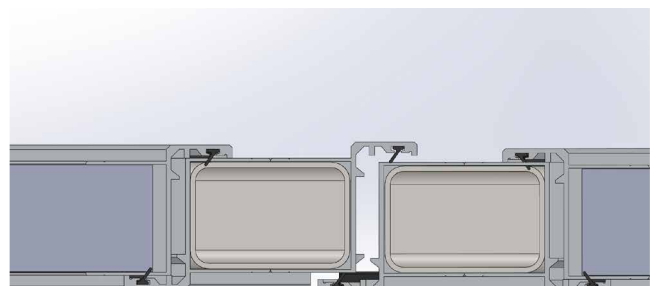
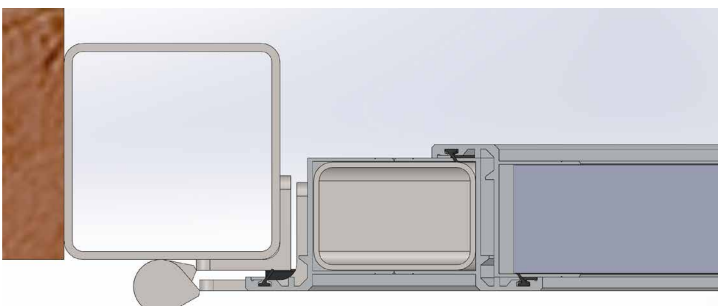


### STANDARD OPTIONS:

- Inside locking
- Assembly on site frame
- Horizontal panel layout
- Rib & macrorib panels, standard TLP colours
- Anodized aluminum profiles

### ADDITIONAL OPTIONS:

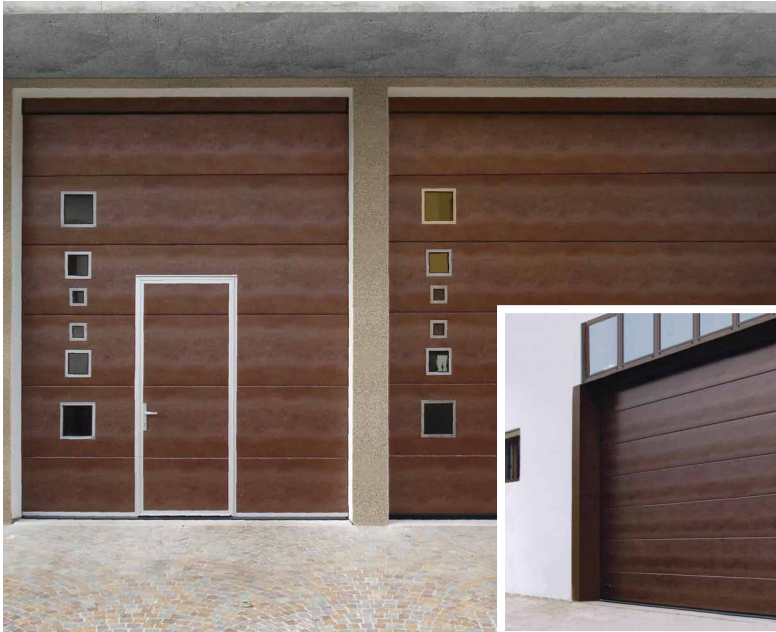
- Outside locking
- Wicket door
- Windows
- FV, TLT panels
- Door stays





# Panel options

Despite - standard Rib and Macrorib panels we can offer a full range of panels that will - make Your door look exceptional and match the style.



SLICK

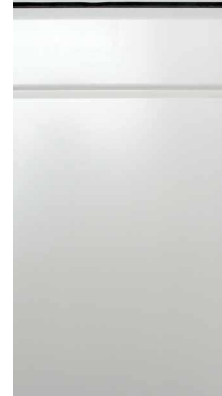
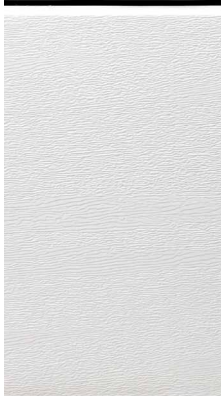
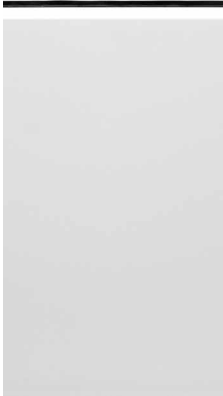
FLUSH

MIDRIB

MICRORIB

TOPRIB

CASSETTE



# Tailored engineering

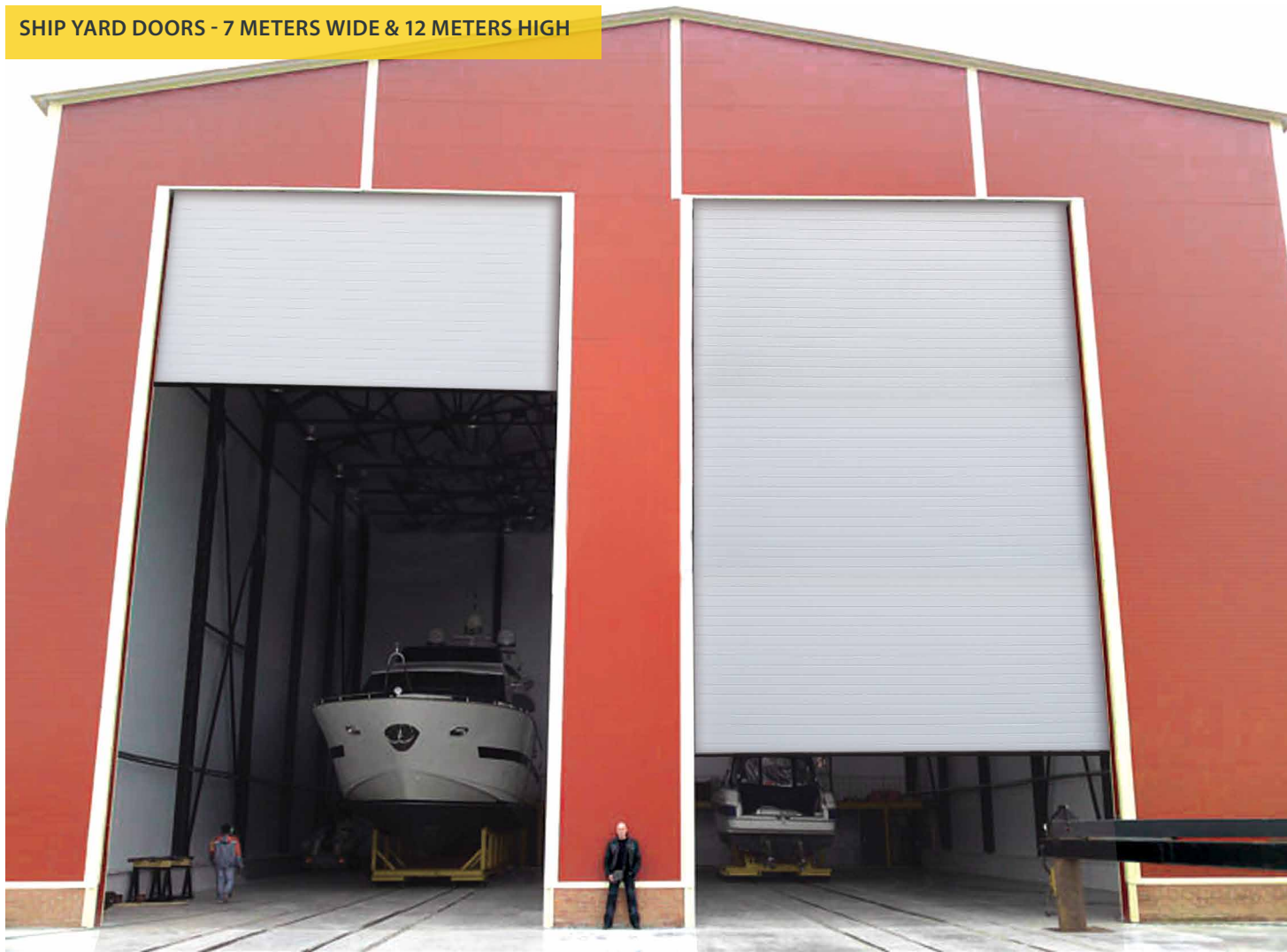
INDUSTRIAL SIZE SLIDING DOOR



SLOPING FLOOR CASE



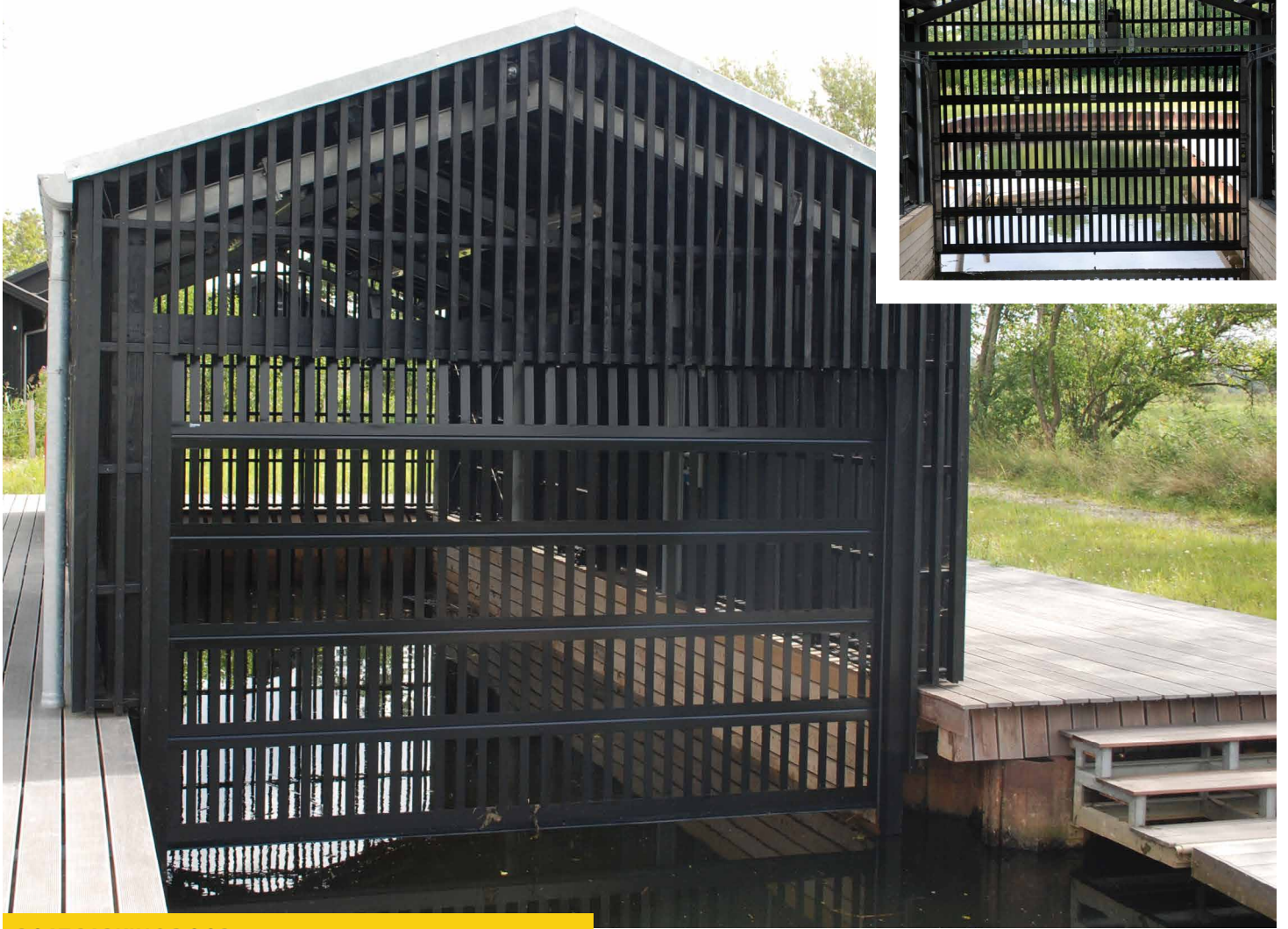
SHIP YARD DOORS - 7 METERS WIDE & 12 METERS HIGH



POWER PLANT DOORS - 4,5 METERS WIDE & 11 METERS HIGH





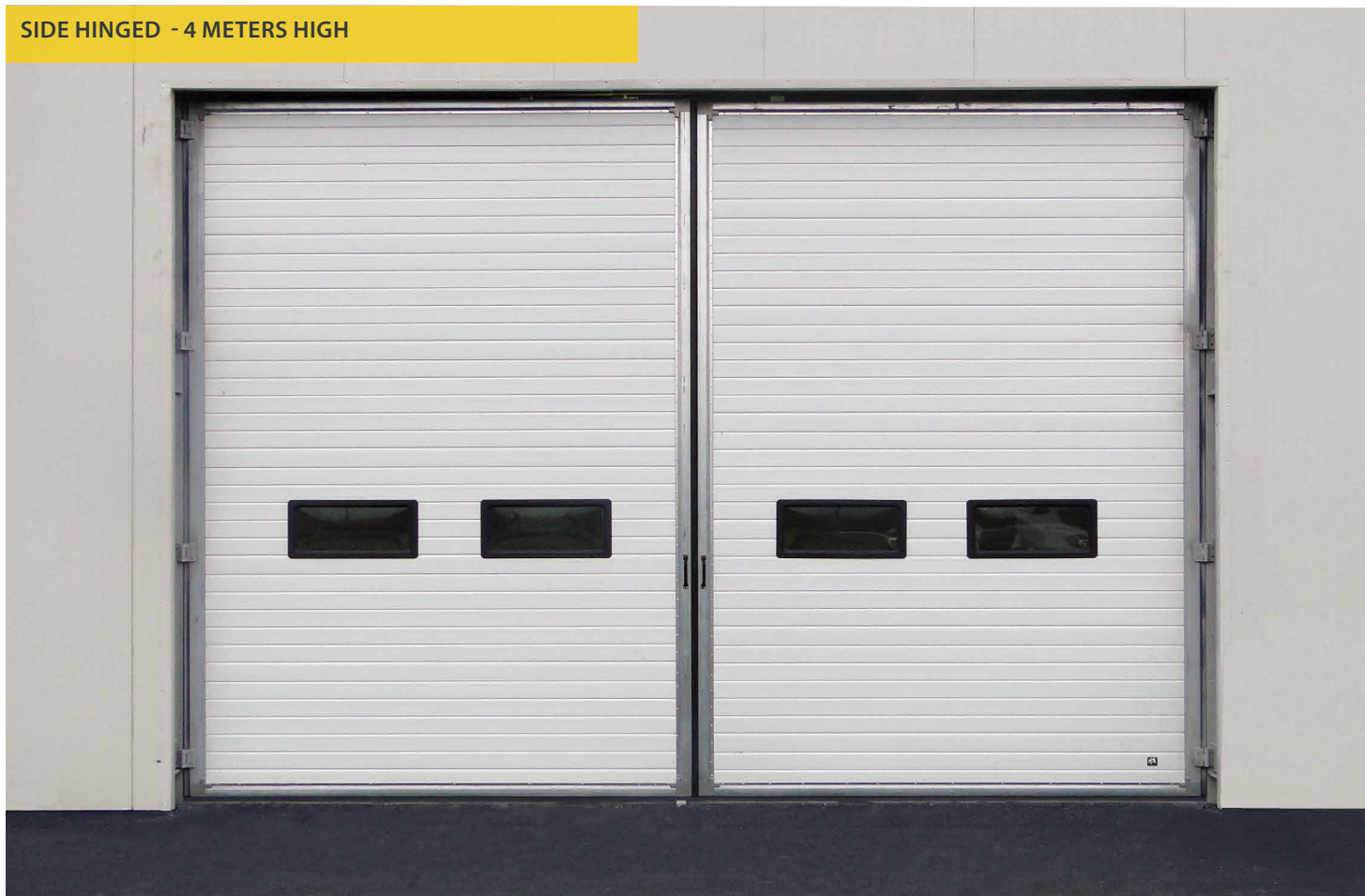


BOAT PARKING DOOR





SIDE HINGED - 4 METERS HIGH



SOLUTIONS UP TO 15 METERS WIDE





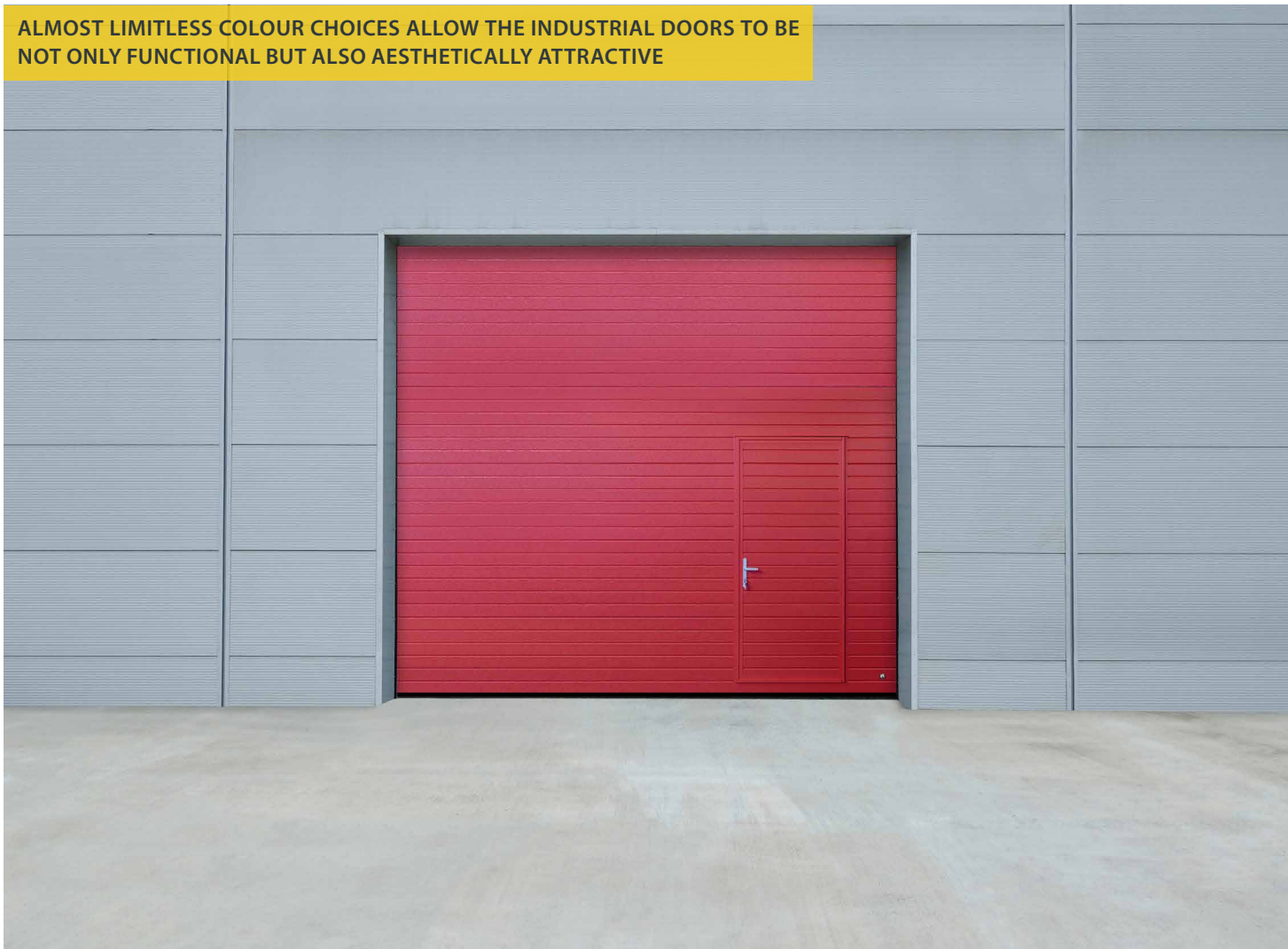
## CONVEYOR CLOSING OPTIONS



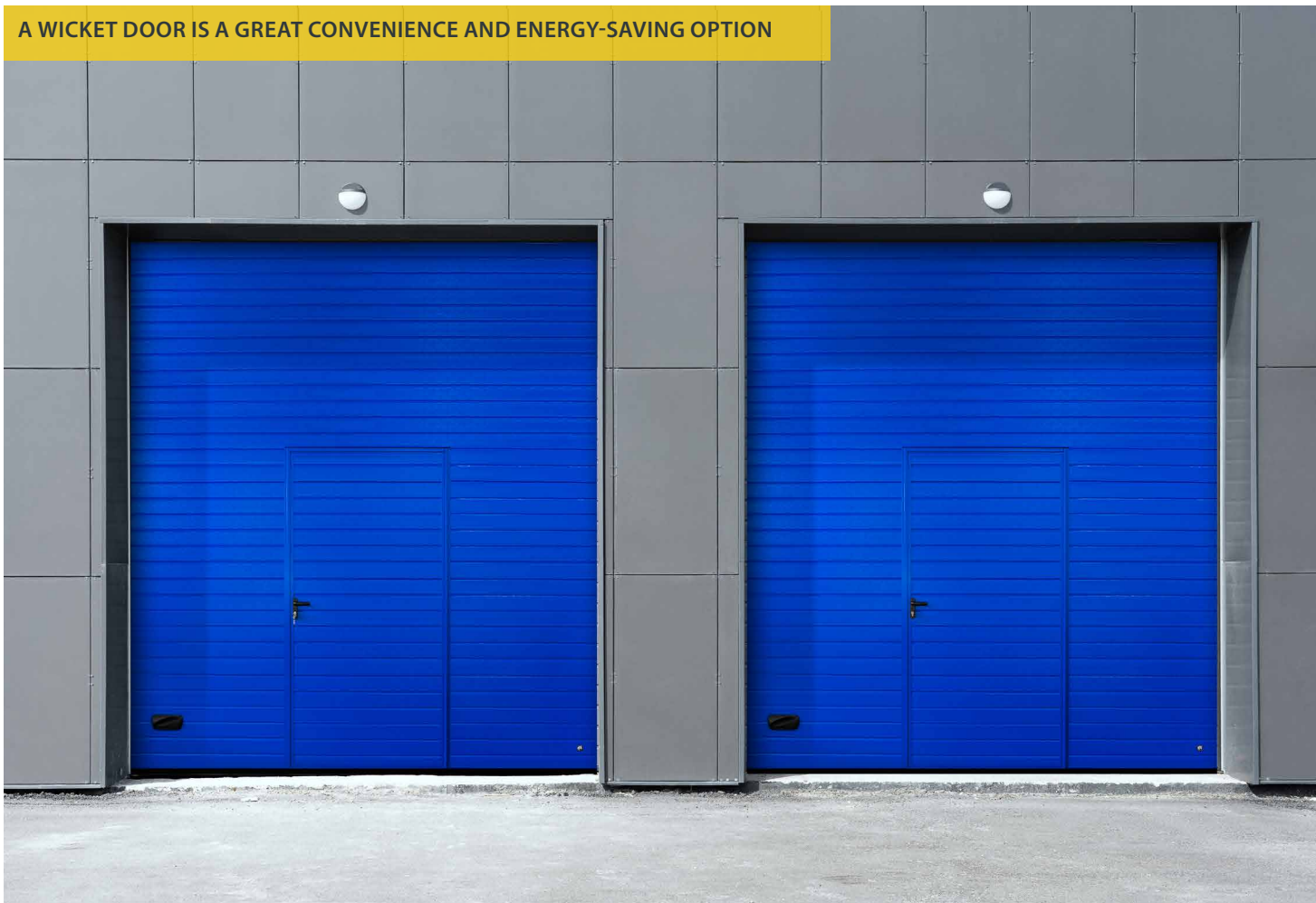
## CONVEYOR CLOSING CASE



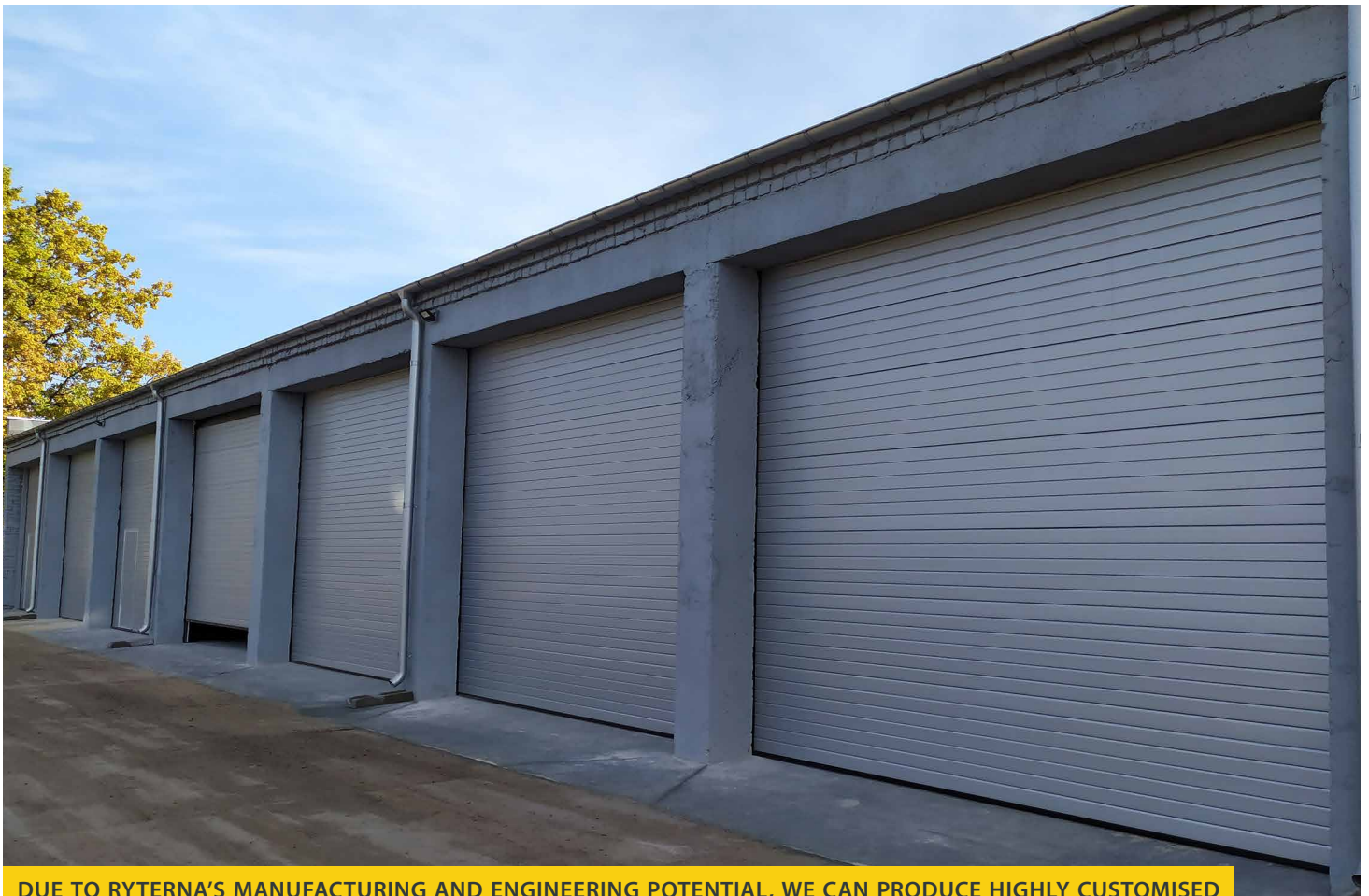
ALMOST LIMITLESS COLOUR CHOICES ALLOW THE INDUSTRIAL DOORS TO BE NOT ONLY FUNCTIONAL BUT ALSO AESTHETICALLY ATTRACTIVE



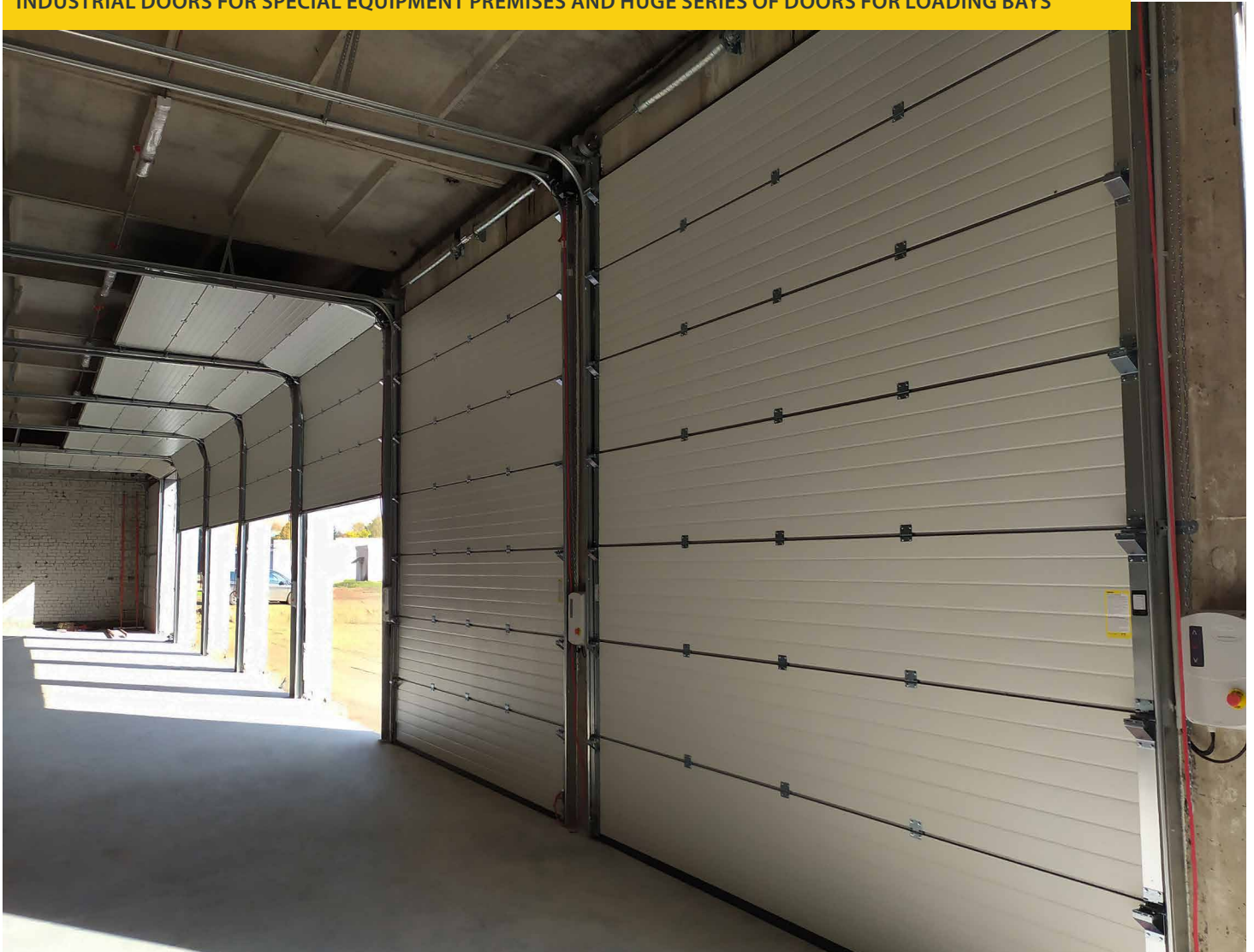
A WICKET DOOR IS A GREAT CONVENIENCE AND ENERGY-SAVING OPTION







**DUE TO RYTERNA'S MANUFACTURING AND ENGINEERING POTENTIAL, WE CAN PRODUCE HIGHLY CUSTOMISED INDUSTRIAL DOORS FOR SPECIAL EQUIPMENT PREMISES AND HUGE SERIES OF DOORS FOR LOADING BAYS**





GIVE MORE LIGHT BY CHOOSING WINDOWS OR FULL VIEW PANELS

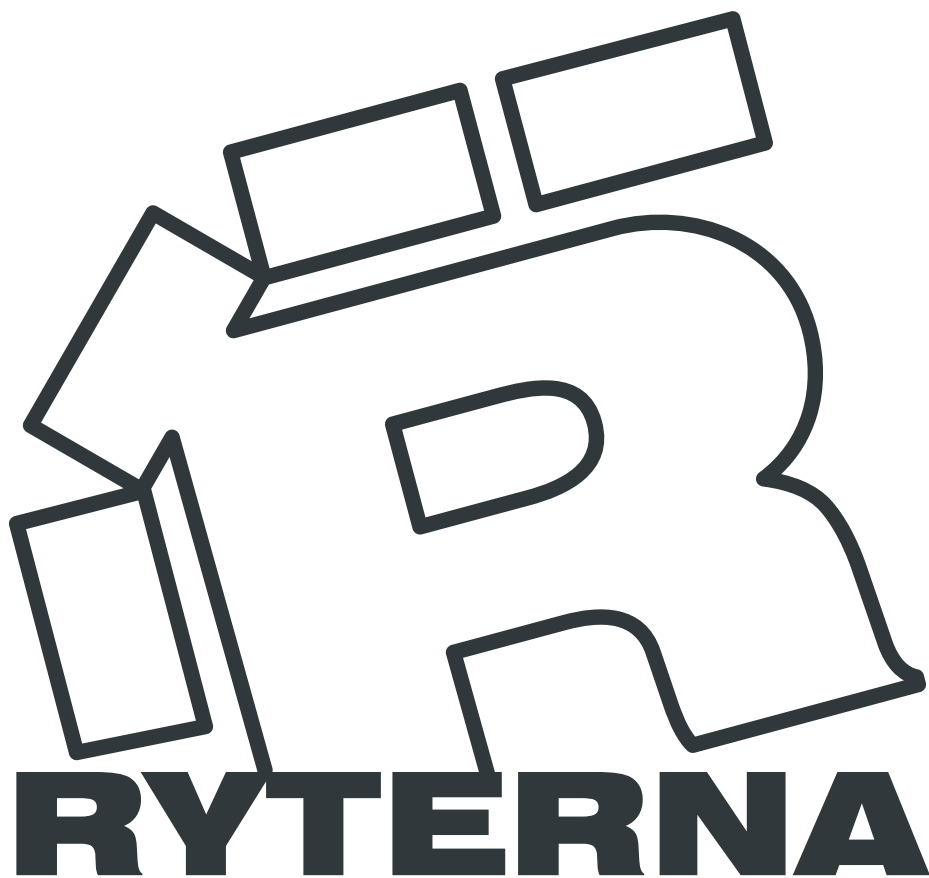






VISIT US AT [WWW.RYTERNA.COM](http://WWW.RYTERNA.COM)





The images depicted in this catalog showcase custom configurations and may include additional accessories not standard to the base models. • The information provided herein does not constitute a legally binding offer. • We reserve the right to implement modifications to the designs without prior announcement. • The color representations in this brochure are illustrative and may vary from actual product colors. • **All rights reserved.** • Unauthorized reproduction or distribution of this catalog, in whole or in part, is strictly forbidden without prior written consent from **RYTERNA**.

2024.04.01 • EN

RYTERNA  
WEB [ryterna.com](https://ryterna.com)



RYTERNA  
SHOW ROOM

