



INDY GT-R

HIGH-SPEED
SECTIONAL DOOR





1,4 m/s
OPENING SPEED

THANKS TO HIGHER SPEED OF OPENING/CLOSING THERE IS POSSIBLE
FASTER PASSAGE THROUGH THE DOOR

MAIN POINTS FOR DEVELOPMENT



1.

Reaction to
market
needs



2.

Expansion of
the product
portfolio



3.

2v1



4.

Reduction
of annual
costs

REACTION TO MARKET NEEDS

- Increased pressure on total building heat loss due to ever increasing energy prices in last years
- In 2020, **1 MWh** costs **45 EUR**
- In 2022, **1 MWh** costs **250 EUR**

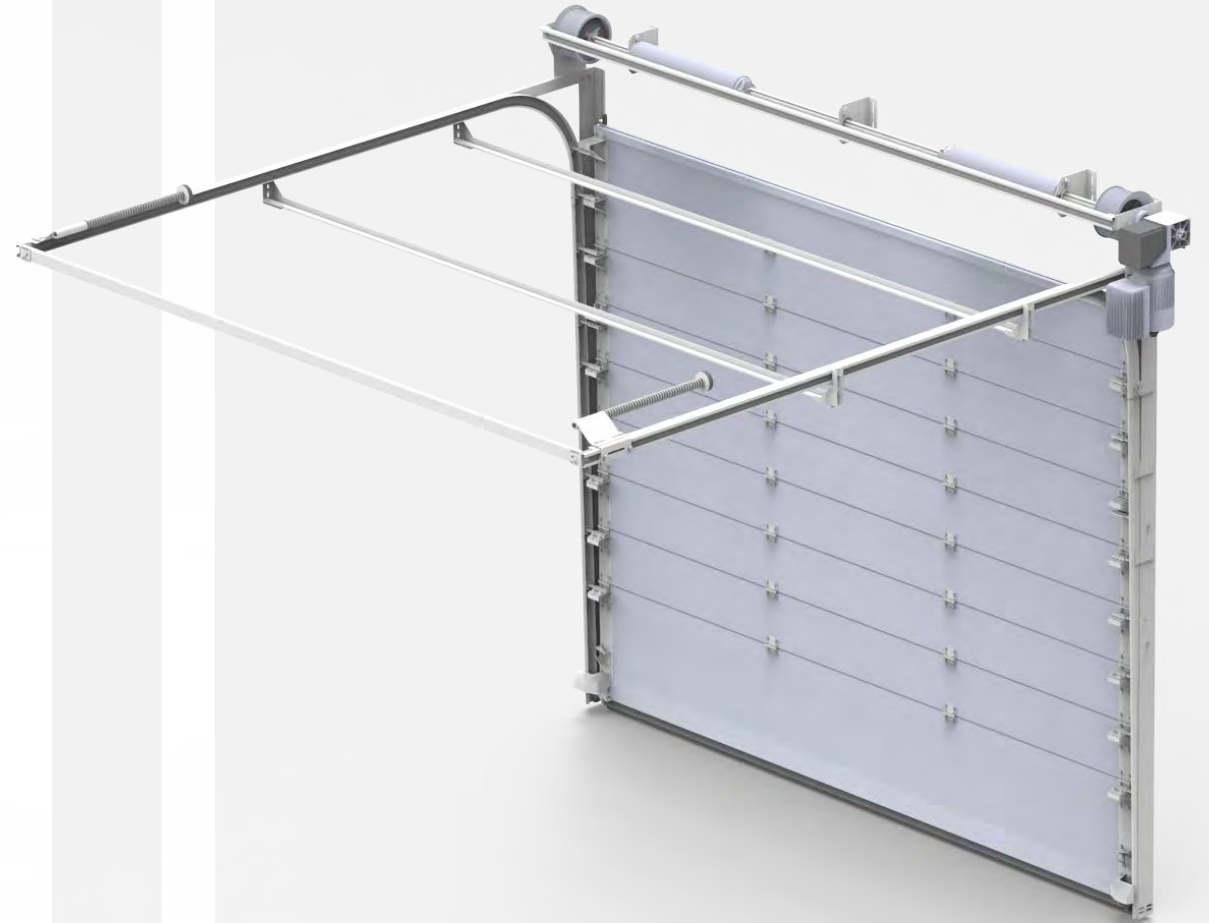
+ 555.6%



EXPANSION OF THE PRODUCT PORTFOLIO

1. **INDY** – industrial door
2. **GUARDY** – garage door
3. **MANDOOR** – side entrance door
4. **2LD** – double leaf door

5. **INDY GT-R** – high-speed sectional door

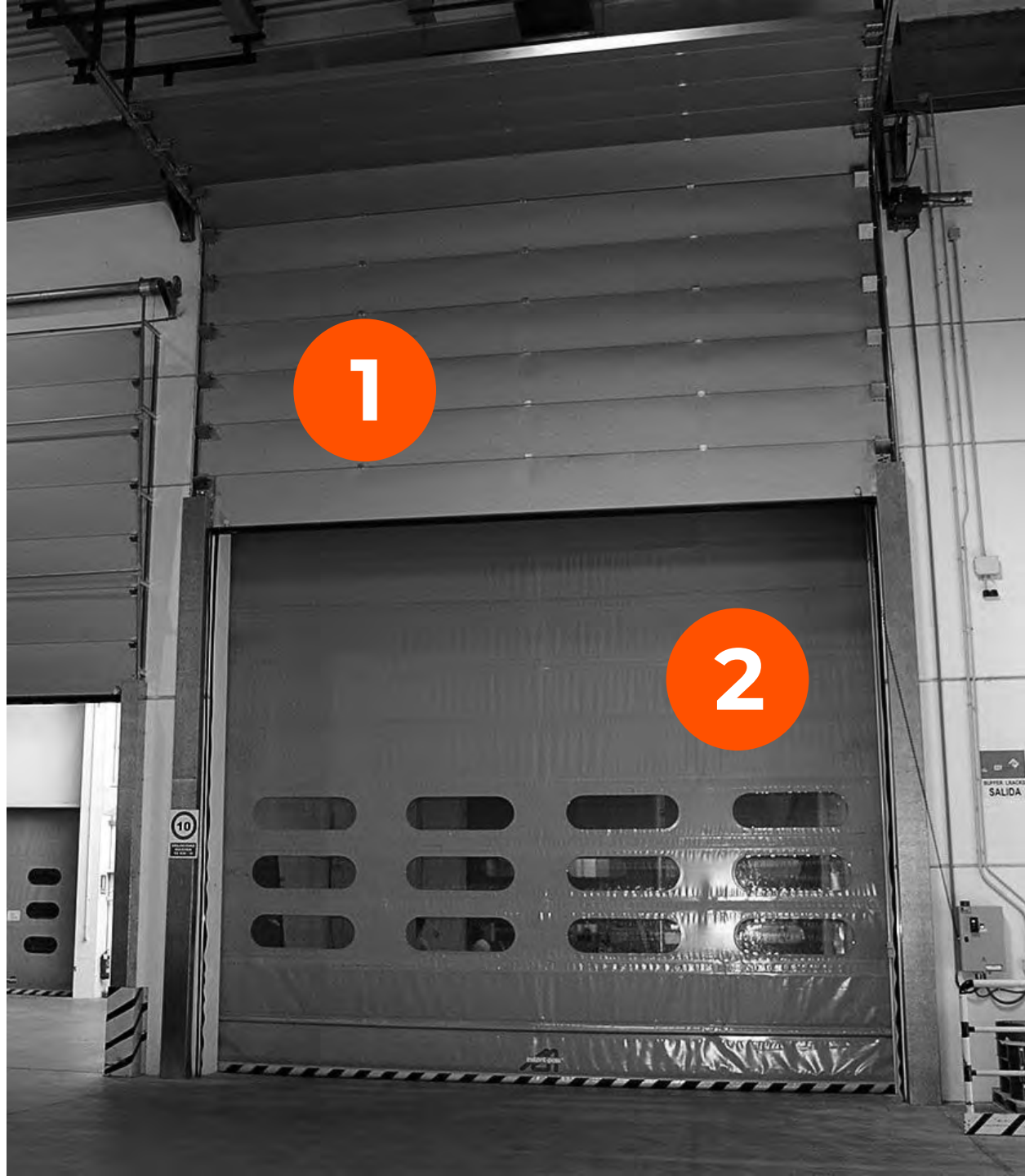


2v1

- Combining the excellent insulating properties of sectional door **1** with the speed of PVC gich speed doors **2**

» **INDY GT-R**

- One door = **one input cost**, one installation, one service



4X

LOWER ENERGY LOSSES
COMPARED TO CONVENTIONAL
SECTIONAL DOORS



CASE HEAT LOSS SITUATION



European Door and Shutter Federation e.V.

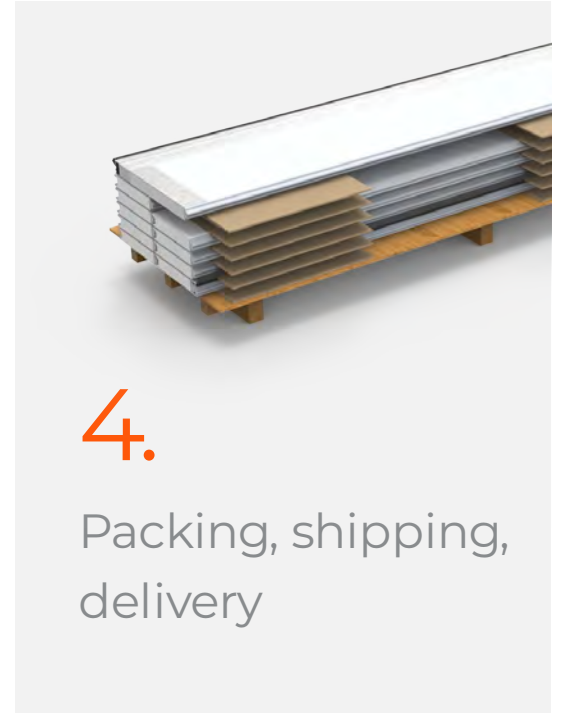
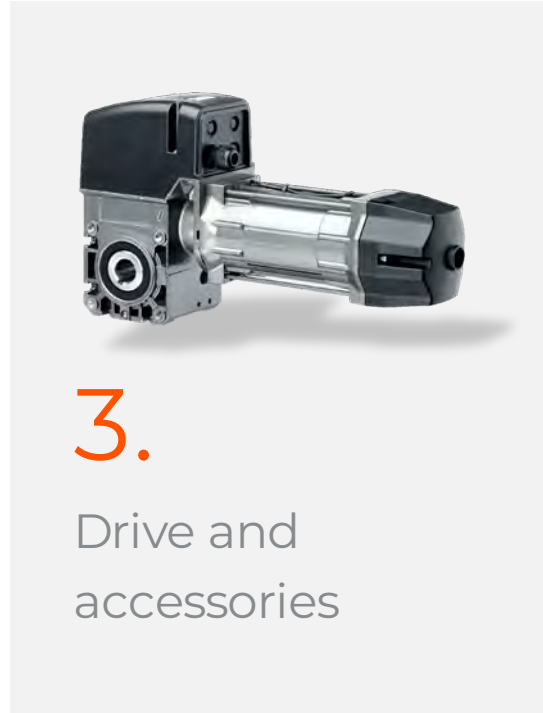
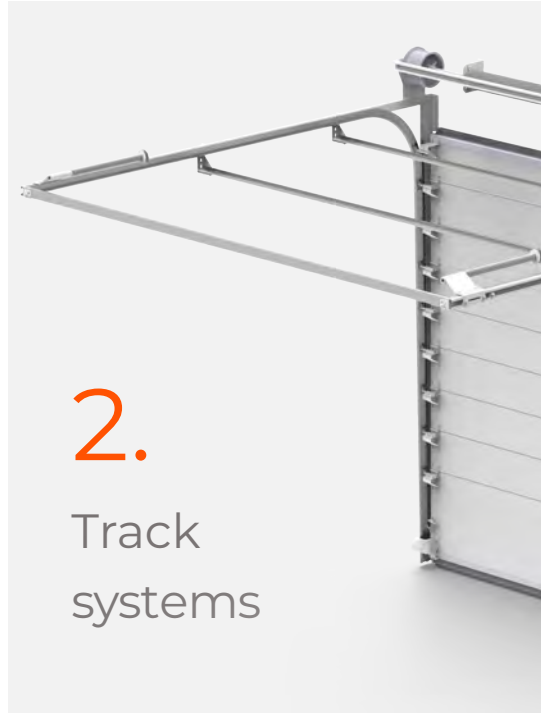
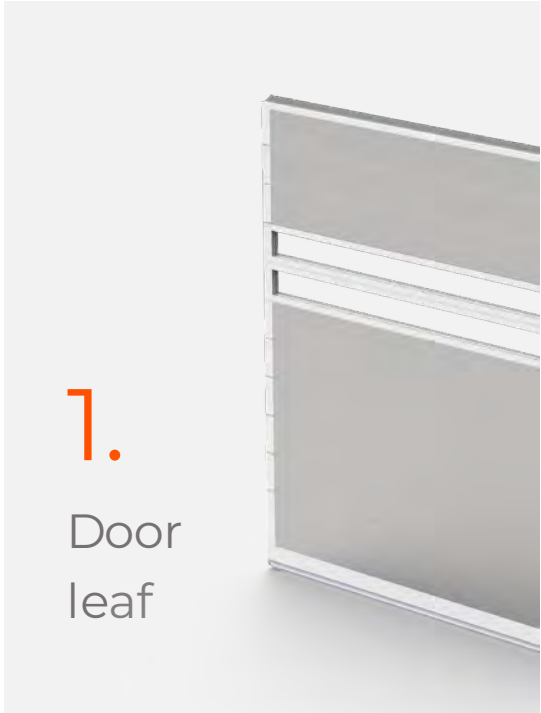
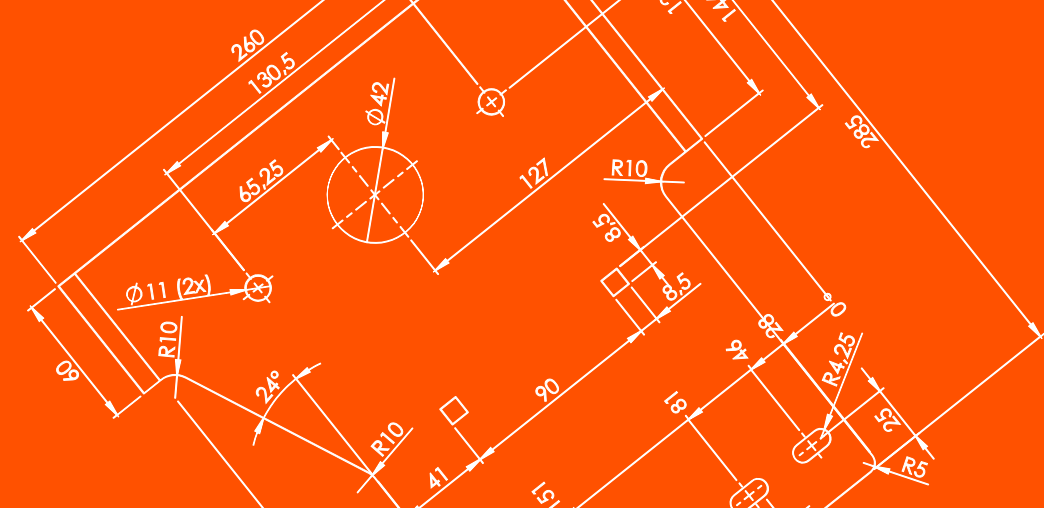
	INDY	INDY GT-R
Location	Prague Wind Ø: 6.4 kn Air Ø: 5.6 °C	Prague Wind Ø: 6.4 kn Air Ø: 5.6 °C
Building Type	5000m ² x 8m 40000m ³ (Logistic Hall) Air Ø: 18 °C Cooling system: Yes	5000m ² x 8m 40000m ³ (Logistic Hall) Air Ø: 18 °C Cooling system: Yes
Door Size	5m x 5m 25m ²	5m x 5m 25m ²
Door cycles per year	20000	20000
Air leakage m ³ /m ² ,h	6	6
Heat transmission U (W/m ² .k)	1	1.18
Opening Time	20 seconds	4 seconds
Energy losses in relation to best Situation	375 % > Situation 2	best Situation

6 m³/m²h

AIR PERMEABILITY

LOWER AIR CIRCULATION BETWEEN
OUTDOOR AND INDOOR SPACES

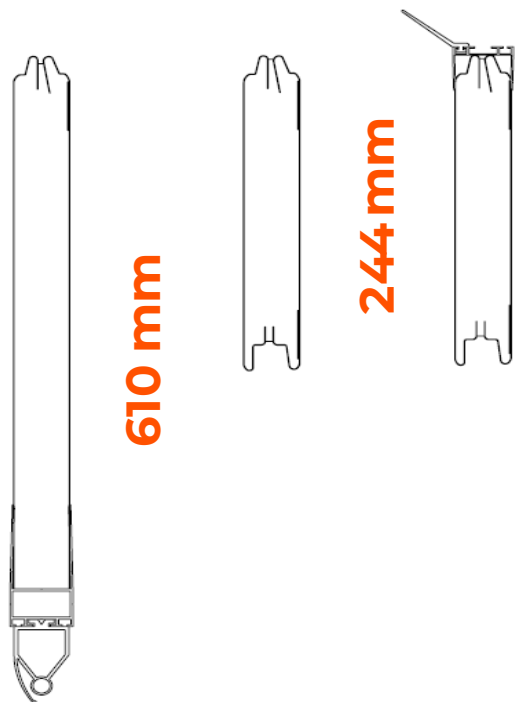
TECHNICAL SPECIFICATION



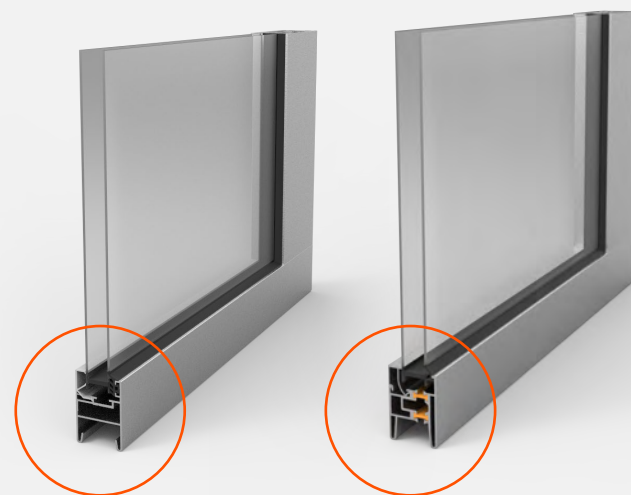
DOOR LEAF

Panels

PANEL HEIGHT OF 244 MM CAUSES THE SMOOTH PASSAGE THROUGH THE CURVE OF THE TRACK AND GIVES THE DOOR GREATER RIGIDITY AND STRENGTH



Full vision sections - FVE



PANORAMA



TRACK SYSTEMS

Types of track

- Maximum dimensions 5 000 mm x 5 000 mm



CERTIFIED



SL



HL



VL

TRACK SYSTEMS

Horizontal track reinforcement

Solid 1 1/4" shaft

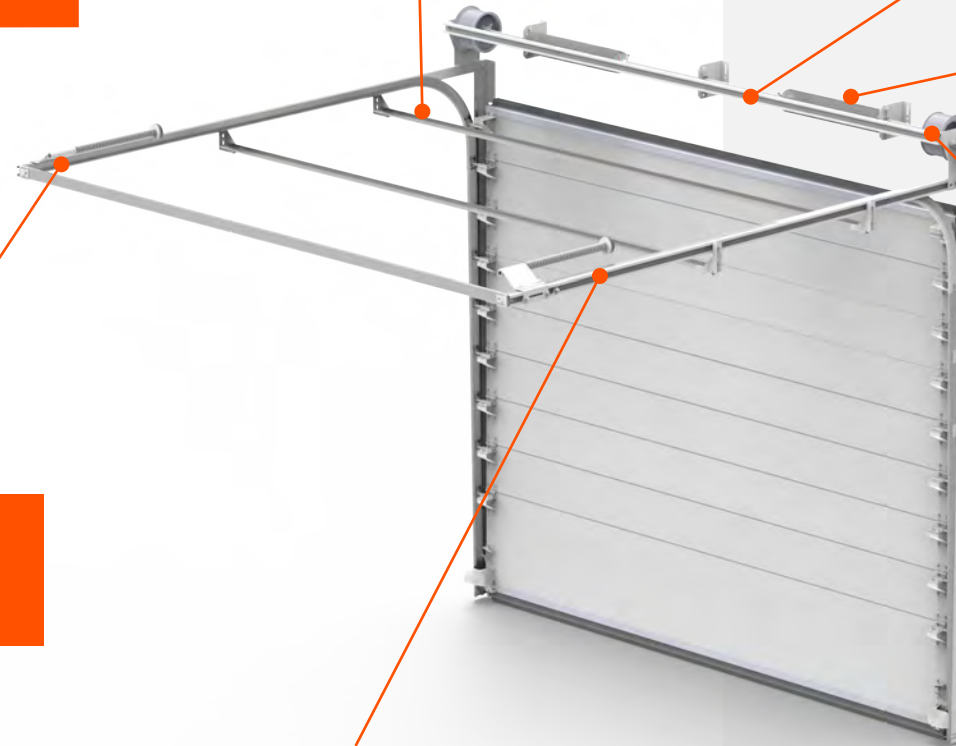
Springs for 50 000 cycles

High-speed bearings

Height-adjustable silent spring stops with large seating area

Shape of the track to prevent the roller from sliding out

Robust heavy-duty brackets



DRIVE

- Industrial drive
- Emergency control KE - chain
- Emergency control KU - crank
- Control unit with frequency converter
- Light grid with non-contact obstacle evaluation
- Wireless signal transmission as a safety feature on the door leaf

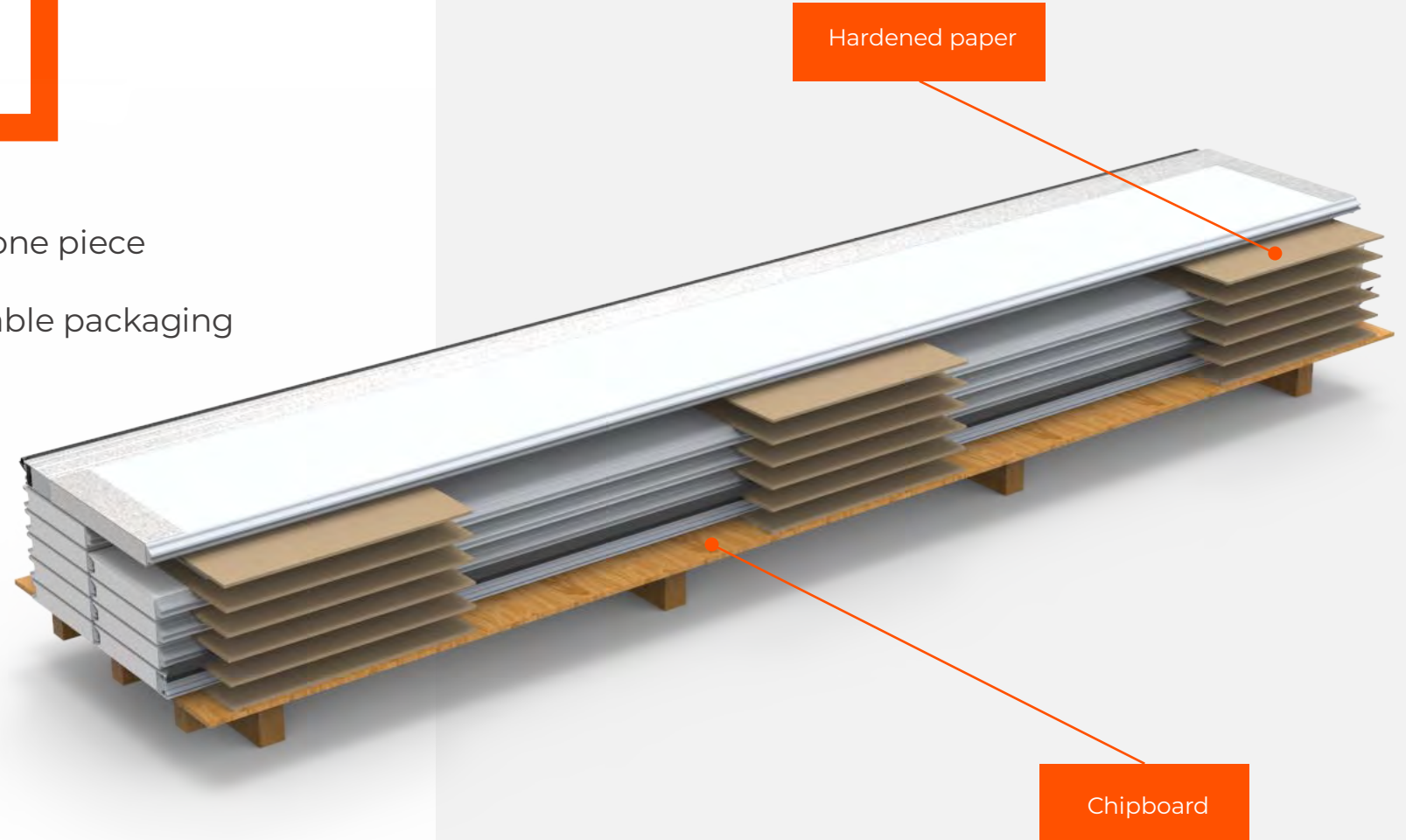


HIGH-SPEED MOTOR

Torque 80 Nm

PACKAGING AND SHIPPING

- Doors are always packed in one piece
- **Eco packaging** - fully recyclable packaging
 - Hardened paper
 - Chipboard





1,18 W/m²K

THERMAL PERMEABILITY „U“

SAVINGS IN ENERGY CONSUMPTION
FOR SPACE HEATING OR AIR CONDITIONING

COMPARISON WITH INDUSTRIAL DOOR

Parameters	INDY	INDY GT-R
Width	5 000 mm	5 000 mm
Height	5 000 mm	5 000 mm
Section height	610 mm	244 mm / 610 mm
Opening speed	0,25 m/s	1,4 m/s
Panel thickness	40 mm	40 mm
Thermal permeability „U“	1,02 W/m2K	1,18 W/m2K



INDY

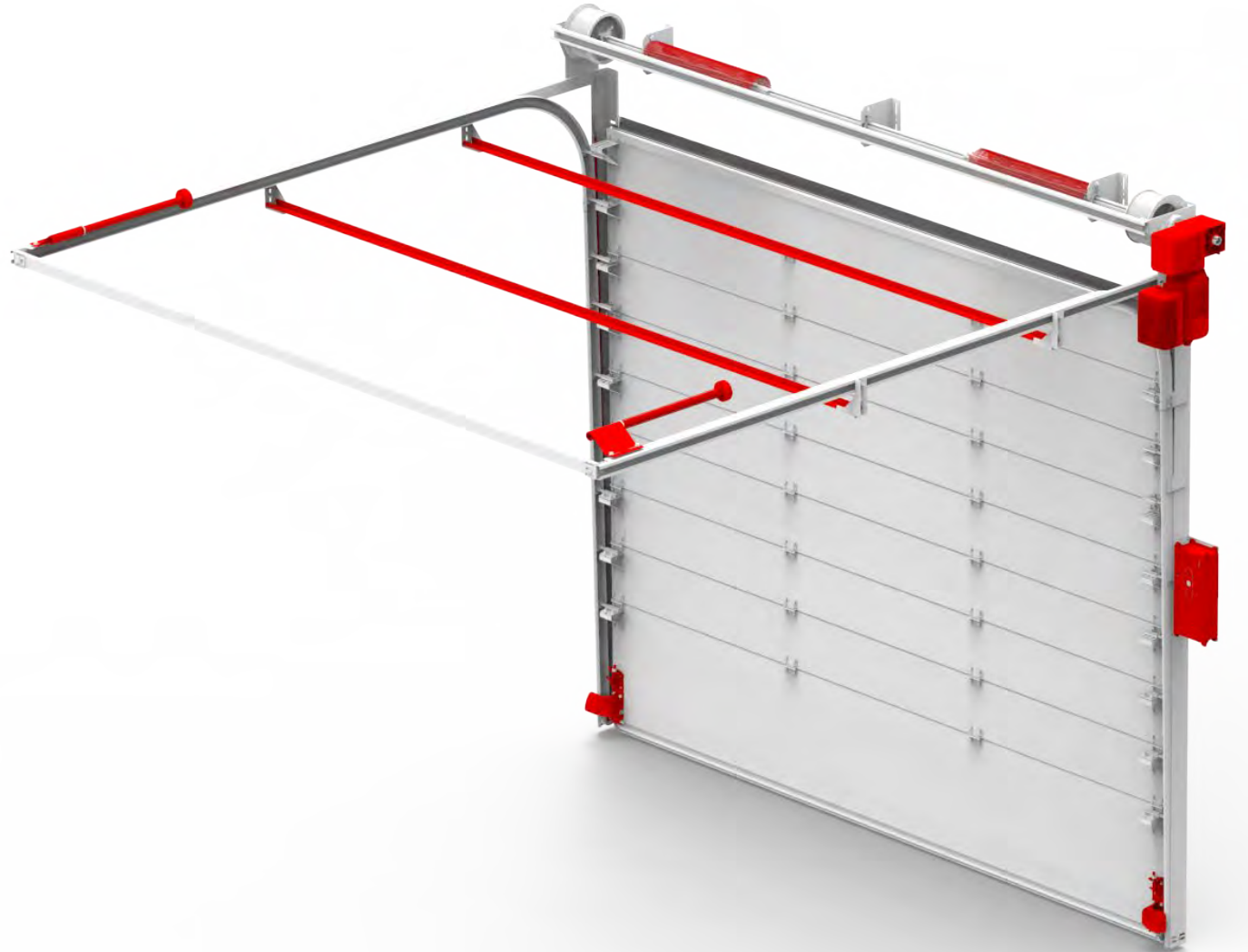


INDY GT-R

4X
LOWER
ENERGY
LOSS

BASIC CONFIGURATION

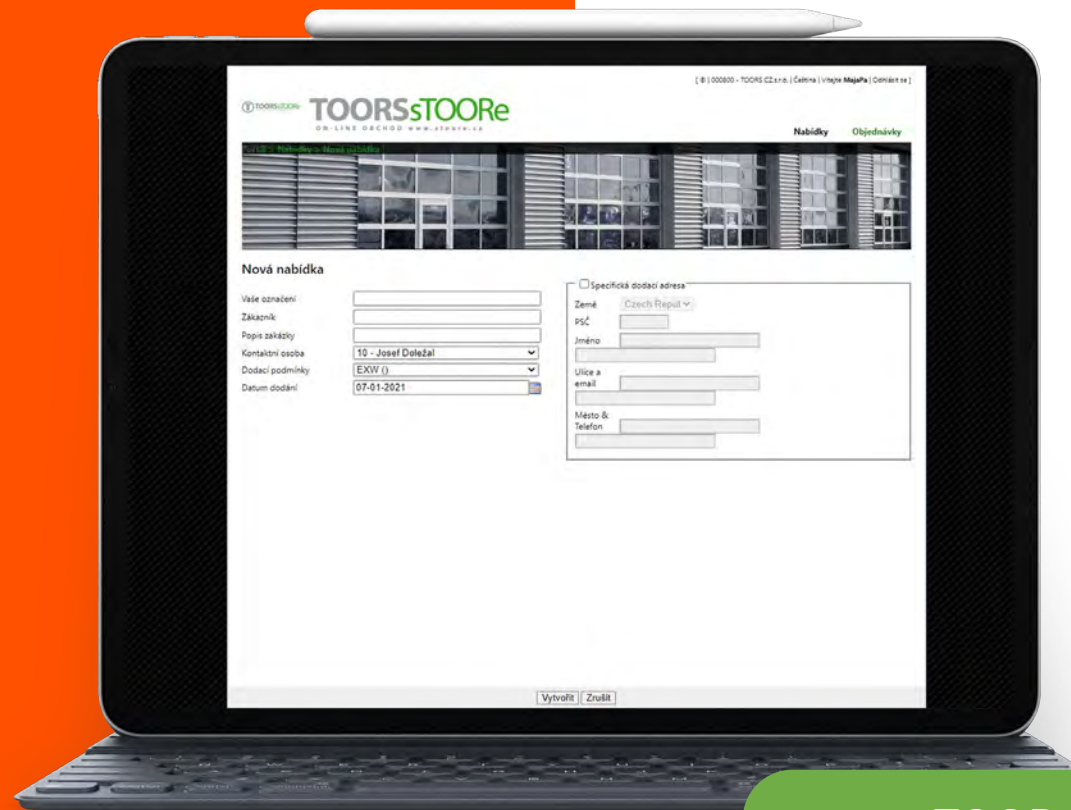
- 40mm panel with polyurethane foam (PUR)
- Standard lift system - SL
- Springs for 50,000 cycles
- Solid 1 1/4" shaft
- Quiet spring stops
- Industrial drive
- Programmable control unit with frequency converter
- Light grid as a safety feature
- Fast wireless communication
- Cable break switch
- Number of perforated angles according to recommended anchor points determined by Installation drawing



STANDARD DOCUMENTATION

- Short catalogue
- Price list
- Installation drawing
- Installation manual
- User manual including Service book

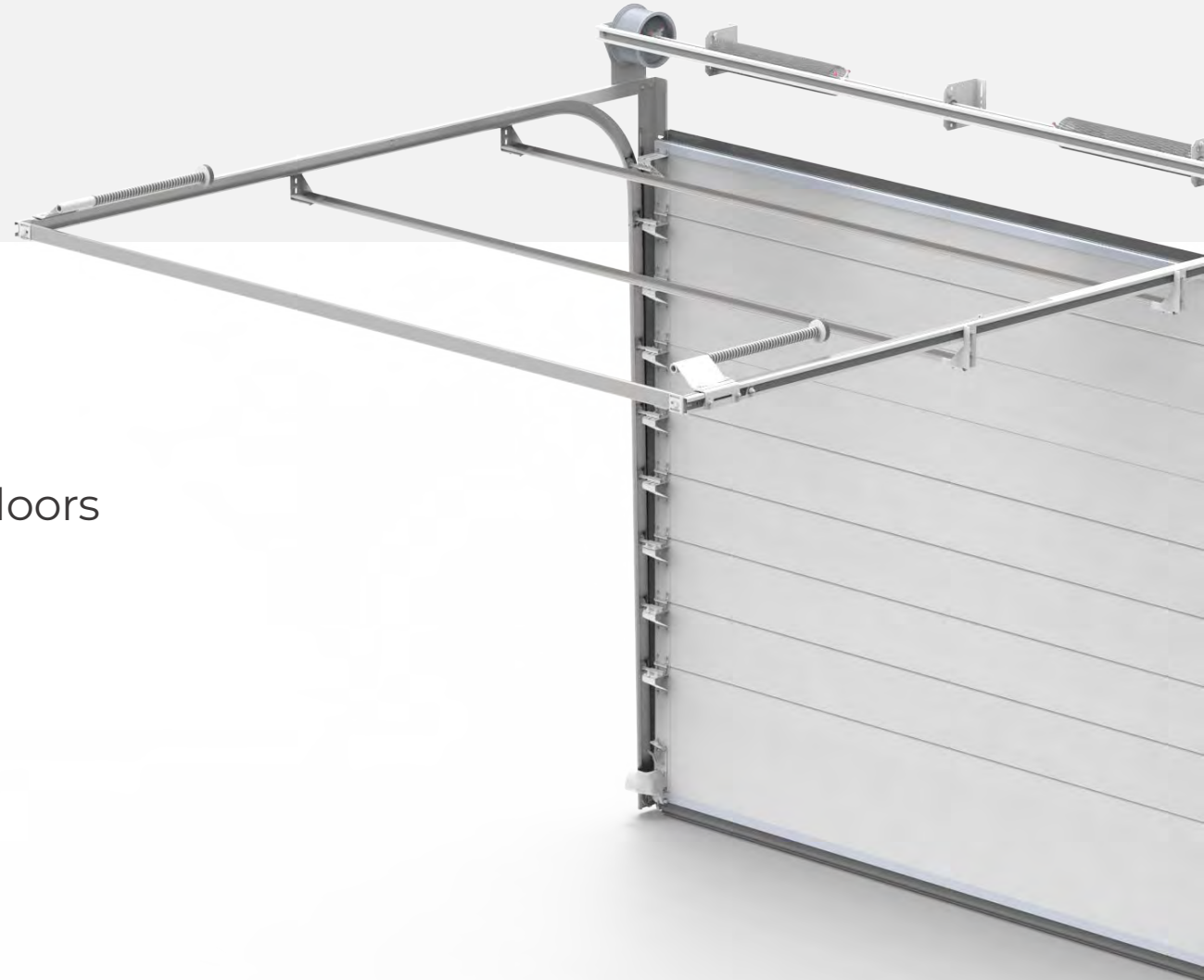
Online door configurator



www.sTOORe.cz

NEW INDY GT-R

- Up to **5 times faster** than INDY doors
- GT-R has **4x lower heat loss** than INDY doors
- **1x** door & **1x** service & **1x** price
- Easy step-by-step installation using the installation manual
- No special training required



Thank you for your
attention and we
will be glad for
any questions

