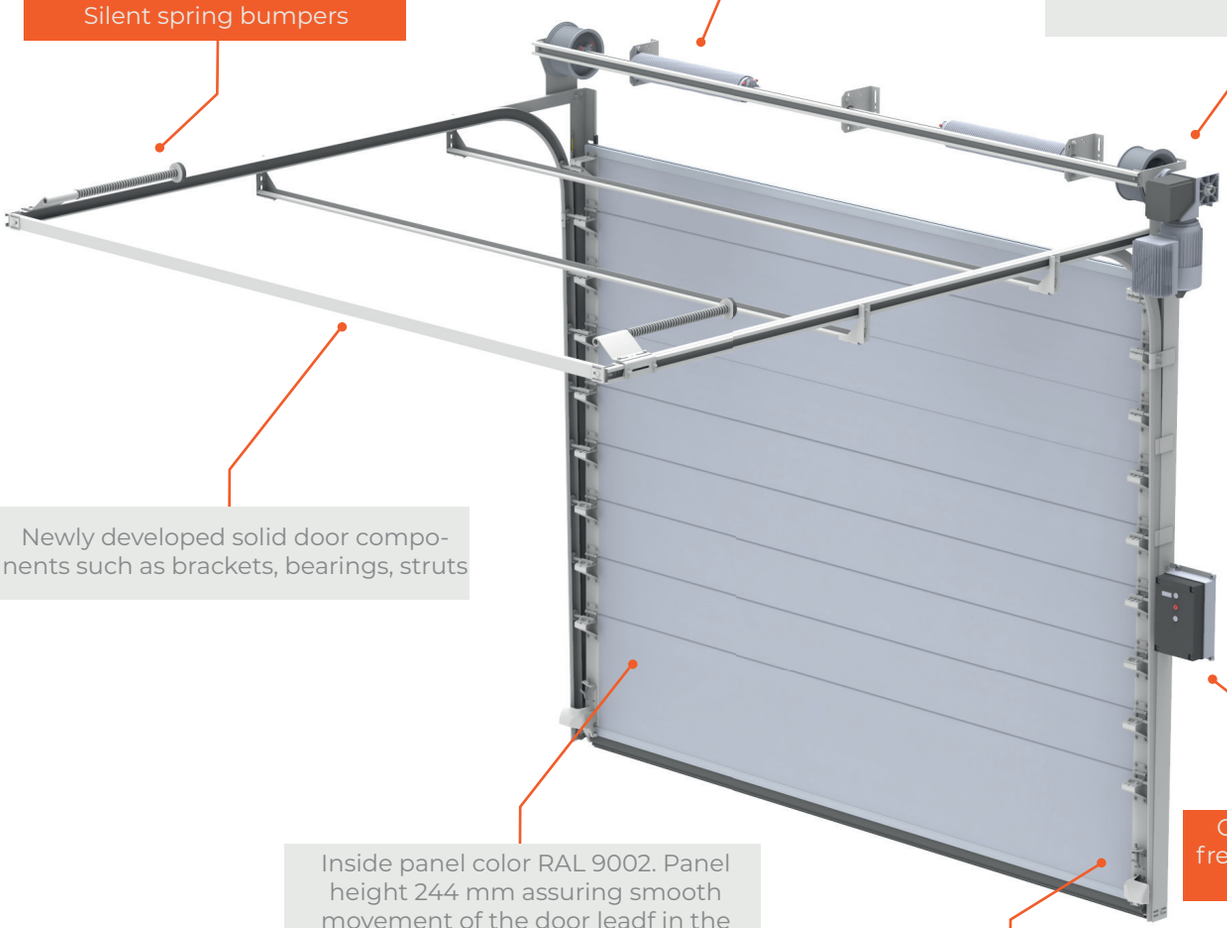
25 YEARS DOORS ARE TOORS

INDY GT-R
HIGH-SPEED SECTIONAL DOOR

4x lower energy loss compared to classic sectional doors



Torsion springs for 50 000 cycles hang on 1 1/4" shaft

High speed bearing plates

Silent spring bumpers

Newly developed solid door components such as brackets, bearings, struts

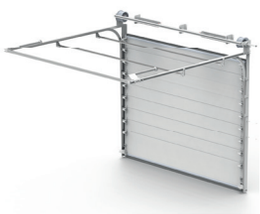
Inside panel color RAL 9002. Panel height 244 mm assuring smooth movement of the door leadf in the tracks

Control unit with frequency converter

Light grid ensuring door safety

LIFT SYSTEM

Lift system	Subcategory	Min. lintel (mm)	Max. m²	Max. dimension (mm)
SL - standard lift	SL	550	25 m²	5 000 x 5 000
HL - high lift	HL	610	25 m²	5 000 x 5 000
VL - vertical lift	VL	opening height + 300 mm	25 m²	5 000 x 5 000



SL - standard lift

HL - high lift

VL - vertical lift

ADVANTAGES AND BENEFITS

- High speed cycle (opening and closing)
- Excelent thermal insulation
- Lower air circulation between outdoor and indoor spaces
- Savings in energy consumption when heating or air-conditioning

ALUMINIUM FULLY GLAZED SECTIONS - FVE

Technical advantages

- Standard design with anodized aluminium frame E6/EV1
- With or without thermal break
- Choice of different fillings depending on design, thermal insulation properties and air permeability
- Possibility of additional painting of aluminium frames in RAL, NCS or DB

With thermal break

- Identical design with aluminium glazed sections without thermal break
- Excellent insulating properties, decreased heat permeability up to 22%
- Stopped water condensation on inside (exterior vs. interior)

MOTOR

- Industiral motor
- Emergency control KE - chain
- Emergency control KU - handle
- Control unit with frequency converter
- Light grid with non-contact obstacle detection
- Wireless signal transmission as a safety feature on the door leaf

CASE STUDY

Parameter	INDY GT-R	INDY
Width	5 000 mm	5 000 mm
Hight	5 000 mm	5 000 mm
Section height	244 - 610 mm	610 mm
Maximal opening speed	**1,4 m/s**	**0,25 m/s**
Panel thickness	40 mm	40 mm
Thermal permeability „U“	**1,18 Wm2K**	**1,02 W/m2K**
Cycle time	20 s	50 s
Average opening/closing speed	1 m/s	0,25 m/s
Yearly cycle number	10 000	10 000
Heating season energy losses	**17 280 kWh**	**34 555 kWh**

- By using Indy GT-R doors you **save up to 17 275 kWH a year**
- This study is valid for door dimensions 5 000 x 5 000 mm
- Case study developed in the independent energy loss calculator of the European Door Federation EDSF https://calculator.edsfdoorenergy.com/

European Door and Shutter Federation e.V.