GARAGE DOORS

WISNIOWSKI
GATES | WINDOWS | DOORS | FENCES

SECTIONAL DOORS
UniPro

Intended use: The sectional garage door is intended for use in private residential buildings. It is made of vertical tracks, horizontal ceiling-mounted tracks, and a leaf made of steel panels. The structure is made of galvanized elements. The door is sealed around the entire circumference.

U
0,48
W/m² x K

For the 40 [mm] panel

THERMAL INSULATION

Steel panels are made of galvanized sheet, filled with freon-free, hardened polyurethane foam and coated with polyester paint on both sides. This ensures very good thermal insulation and acoustic properties. Each door features a system of flexible and robust gaskets both along the entire circumference and between the panels, which considerably contributes to the insulating qualities of the door.

CE

SAFETY

The safety systems focus on minimizing all traces of risk. Regardless of the method of operation, WISNIOWSKI doors ensure comfort and safety. Our products are fully compliant with the PN-EN 13241-1 standard.

20000

FUNCTIONALITY

Thanks to our broad range of track systems, WISNIOWSKI garage doors can be matched to all types of garages. A properly selected track type makes it possible to take advantage of all the benefits of the door that can be fitted in newly built buildings just as well as in those to be renovated.

STRUCTURE

The sectional door is installed behind the opening or in the opening (depending on the type), it opens vertically upwards and does not take up any space on the driveway. Sectional doors let you use the space available in front of the door and inside the building to its maximum potential. Thanks to our broad range of track systems, WISNIOWSKI garage doors can be matched with all types of buildings, even non-standard ones. Our solutions enable the door to operate without disturbing you in the garage. Thanks to numerous safety systems, our doors are safe at every stage of opening and closing, regardless of the method of operation: manual or automatic.

The leaf weight is perfectly balanced thanks to the use of a torsion spring or a pull spring system. Springs are preselected with computer precision and guarantee the best balancing of the door, maximum comfort, and safety of use. The doors are made of panels with a profile that prevents fingers from getting crushed. All the steel elements are galvanized (tracks, frames, fastening elements). The door is fitted with guiding sliding rollers with bearings providing appropriate running of the door curtain, while a dedicated profile of the tracks prevents derailing.

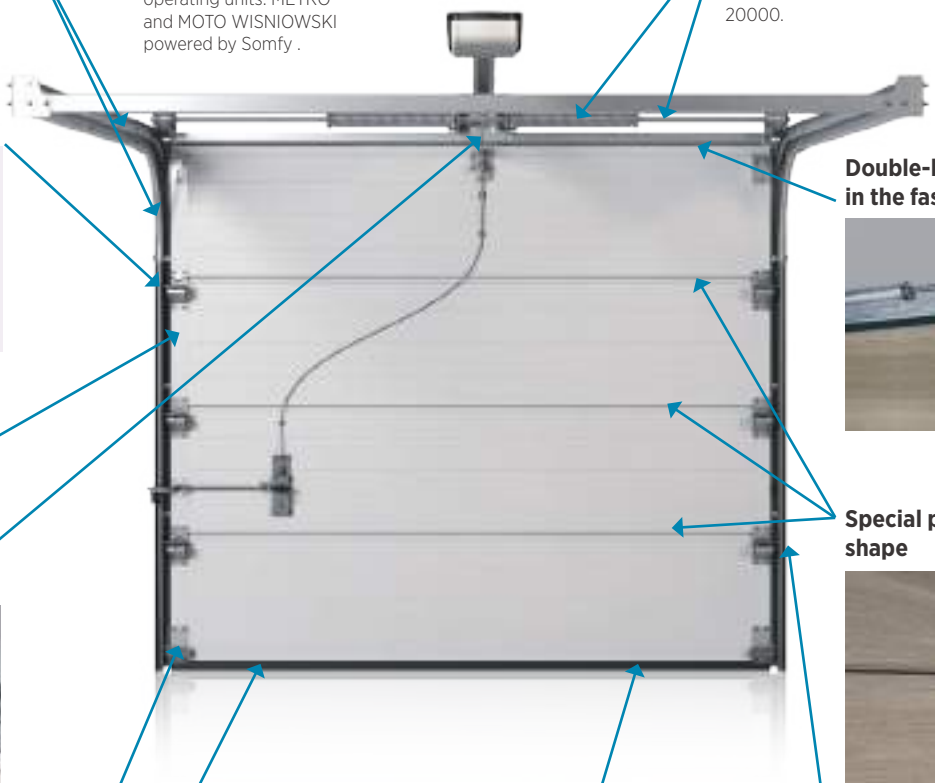
Large dimension gates are additionally reinforced with special elements that increase the rigidity of the entire structure. Door panels are coated with high quality polyester paints. This provides optimum protection against the weather conditions and ensures many years of operation. Thanks to the vast range of colours, WISNIOWSKI garage doors can be easily matched to the building's façade. WISNIOWSKI doors are an investment that stands the test of time.

Tracks and frames
Made of galvanized sheet, they provide a stable and durable structure.

Automatic operating units
Proven and reliable operating units: METRO and MOTO WISNIOWSKI powered by Somfy .

Drive shaft and springs
Spring system responsible for balancing out the door leaf weight. The guaranteed minimum number of cycles: 20000.

Quiet guiding rollers
(in doors with torsion springs)



Double-lip gasket in the fascia panel

Panels hardware in RAL 9002 colour

Special panel shape

Integrated spring break safety device

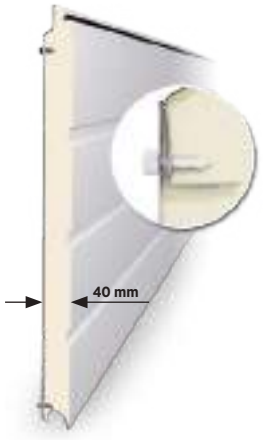
Overload safety device for automatic garage door

Bottom gasket
High quality EPDM gaskets perfectly adapt to the shape of the floor and prevent water from penetrating under the door to the inside of the garage.

Photocells
- optional accessory

Cable break safety device
Fitted as standard in our double car garage doors

PANEL STRUCTURE



Robust and reliable design

We consistently follow the same design principles for our whole range of sectional garage doors. Thanks to our robust and reliable design, you can rest assured that the door will meet even the most extreme requirements and withstand the most demanding operating conditions. Special solutions, such as the original panel built using the **5-ply** sheet bending system ensures stable fixation of elements, which further contributes to the strength of the structure. The top section is fitted with a lip gasket. The internal side of the panel in RAL 9002.

RIB TYPES

G – without ribs

W – high ribs

N – low ribs

K – caisson ribs

V – V ribs

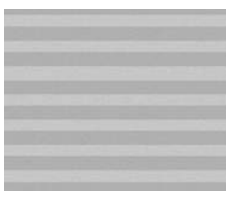
TEXTURES

Woodgrain

Smoothgrain

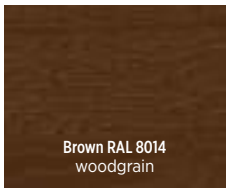
Sandgrain

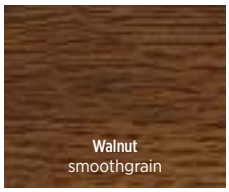
Silkline

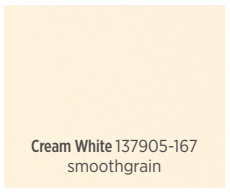


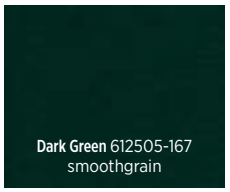
Silkline, panel with V ribs

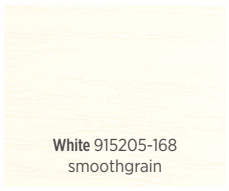
AVAILABLE COLOURS:

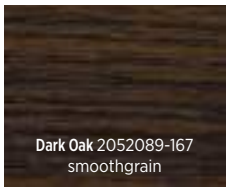


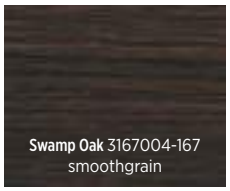


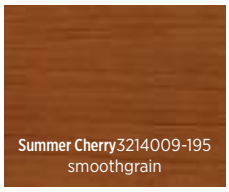


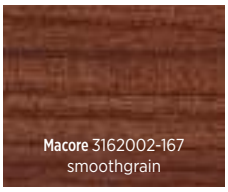


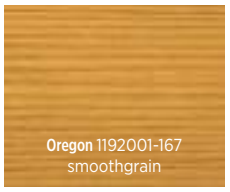


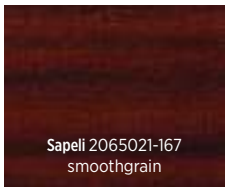


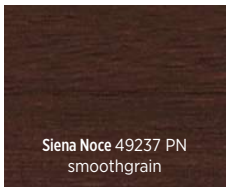


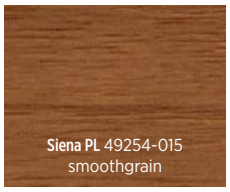


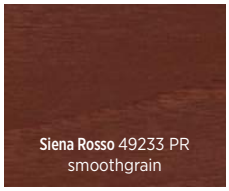


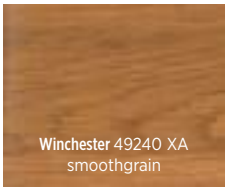


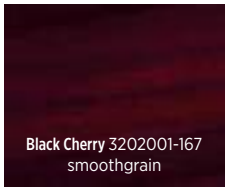


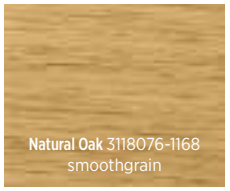


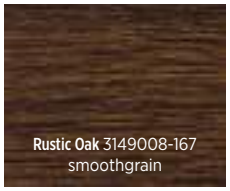


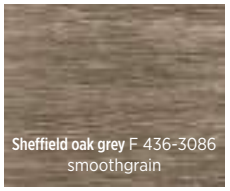


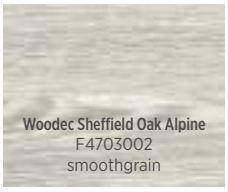


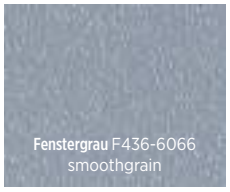


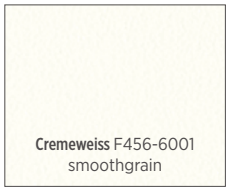


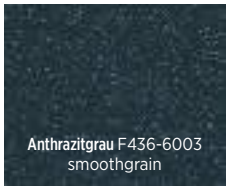


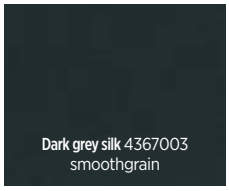




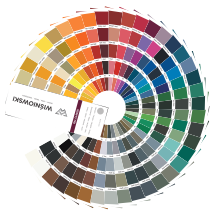








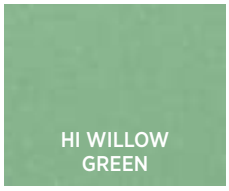
We offer a wide range of colours in response to the needs and ideas of our customers who expect a durable, appealing, and original look. The customer can match the garage door colour to the elevation, windows, doors, and finishing elements of the building.
For customers looking for garage doors in unique colours, we offer powder coating in over 200 RAL palette colours.

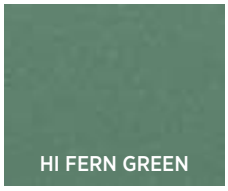


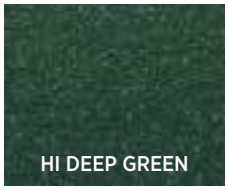
HOME INCLUSIVE 2.0 colours

The Home Inclusive 2.0 colour collection combines four product groups: Gates|Windows|Doors|Fences in matching colours

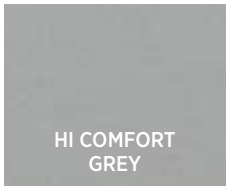
HIEARTH



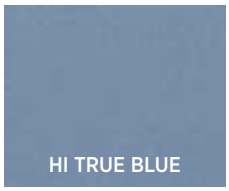




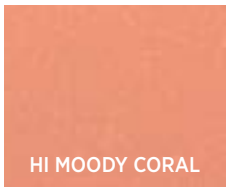
HISTONE



HISTEEL



HIRUBY



Doors in light colours should be fitted on the side exposed to sunlight. It is not recommended to fit dark colour doors in such conditions, in particular RAL: 3007, 4006, 4007, 5004, 5008, 5010, 5011, 5020, 5022, 6008, 6009, 6015, 6022, 7015, 7016, 7021, 7024, 7026, 7043, 8014, 8019, 8022, 9004, 9005, 9011, 9017, 9021, Anthracite, Walnut, Macore, Dark Oak, Swamp Oak, Siena Noce, Siena Rosso, Quartz Anthracite, Summer Cherry, Sapeli, Dark Green, Sheffield Oak Brown, Rustic Oak, Chocolate Brown, Black Ulti-Mat, Brush Schwarzbraun, Umbragrau, Anthrazitgrau. When a dark colour is chosen for doors installed on the side exposed to sunlight, the panels can heat up, which may result in deformation. The door leaf cannot be painted from the inside. When ordering doors in matching colours in different orders (supply batches), the colour hues can differ due to technological reasons.

TRACKS

Sp tracks

Torsion springs installed in the front by the lintel, garage door with double horizontal tracks.

Minimum garage door dimensions:

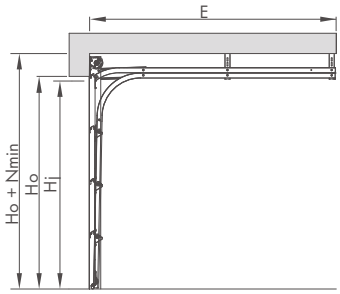
- S_o = 1500 [mm] and H_o = 1700 [mm] – garage doors type ..N
- S_o = 1500 [mm] and H_o = 1900 [mm] – garage doors type ..G, ..W, ..V
- S_o = 2230 [mm] and H_o = 1990 [mm] – garage doors type ..K

Available range of dimensions for tracks

Opening height(1) (H_o) in [mm] up to	**Opening width**(1) (S_o) in [mm] up to																
	2250	2375	2400	2500	2600	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5500	6000
2000																	
2100																	
2125																	
2200																	
2250																	
2375																	
2500																	
2625																	
2750																	
2875																	
3000																	

(1) – Ordering dimension.

Installation dimensions



..Sp..		SSpN		SSpN, SSpG, SSpW, SSpK		SSpG, SSpW	
Colour/Structure		RAL 8014, RAL 9006, RAL 9016, other RAL (Woodgrain)		Golden Oak, Walnut RAL 7016, RAL 8014, RAL 9016 panel type G, W, K (Woodgrain) film coating (Smoothgrain)		Golden Oak, Walnut (Smoothgrain), Anthracite (Sandgrain) RAL 7016, RAL 9016, other RAL (Silkline)	
Dimension		standard	special	standard	special	standard	special
Nmin		**=200[mm] for** Ho = 2000 [mm] Ho = 2100 [mm] Ho = 2250 [mm] Ho = 2500 [mm] **=220[mm] for** Ho = 2125 [mm] Ho = 2200 [mm]	**=200 [mm]**	**=200[mm] for** H_O = 2100 [mm] H_O = 2250 [mm] **=220[mm] for** H_O = 2125 [mm] H_O = 2200 [mm]	**=200 [mm]**	**=200[mm] for** H_O= 2000 [mm] H_O = 2100 [mm] H_O = 2125 [mm] H_O = 2250 [mm] H_O = 2375 [mm] H_O = 2500 [mm] **=220[mm] for** H_O = 2200 [mm]	**=200 [mm]**
Sj		S_O - 40 [mm]					
Hj	Manual	H_O - 160 [mm]					
	Manual + catcher	H_O - 80 [mm]					
	With a drive unit	H_O - 50 [mm]					
W1, W2		110 [mm]					
E_{min}	Manual	H_O + 400 [mm]					
	With the MOTO drive	L_S + 300 [mm]					
	With the METRO drive	L_S + 410 [mm]					
L_S		2900 [mm] for $H_O \leq 2250$; 3500 [mm] for $H_O > 2250$ and $H_O \leq 2850$; 4500 [mm] for $H_O > 2850$					

So – opening width, ordering dimension. Sj – clear passage width after garage door installation. **Ho – opening height, ordering dimension.** Hj – clear passage width after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length.

St tracks

Torsion springs installed at the end of the horizontal tracks, garage door with double horizontal tracks.

Minimum garage door dimensions:

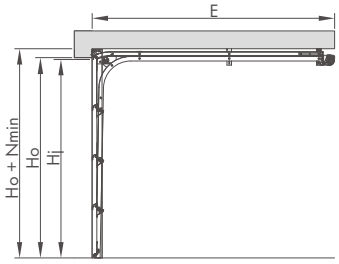
- S_o = 1500 [mm] and H_o = 1700 [mm] – garage doors type ..N
- S_o = 1500 [mm] and H_o = 1900 [mm] – garage doors type ..G, ..W, ..V
- S_o = 2230 [mm] and H_o = 1990 [mm] – garage doors type ..K

Available range of dimensions for tracks

Opening height(1) (H_o) in [mm] up to	**Opening width**(1) (S_o) in [mm] up to															
	2250	2375	2400	2500	2600	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5500
2000																
2100																
2125																
2200																
2250																
2375																
2500																
2625																
2750																
2875																
3000																

(1) – Ordering dimension.

Installation dimensions



.. St ..		SStN, SStG, SStW, SStK	
Colour/Structure		all available colour and structure combinations	
Dimension		standard	special
Nmin	Manual	100 [mm]	
	With a drive unit	140 [mm]	
Sj		S_O - 40 [mm]	
Hj	Manual	H_O - 160 [mm]	
	Manual + catcher	H_O - 90 [mm]	
	With a drive unit	H_O - 90 [mm]	
W1, W2		110 [mm]	
Emin	Manual	H_O + 750 [mm]	
	With the MOTO drive	L_S + 300 [mm]	
	With the METRO drive	L_S + 410 [mm]	
L_S		2900 [mm] for $H_O \leq 2250$; 3500 [mm] for $H_O > 2250$ and $H_O \leq 2850$; 4500 [mm] for $H_O > 2850$	

So – opening width, ordering dimension. Sj – clear passage width after garage door installation. **Ho – opening height, ordering dimension.** Hj – clear passage width after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length.

Sj tracks

Torsion springs installed in the front by the lintel, garage door with single horizontal tracks.

Minimum garage door dimensions:

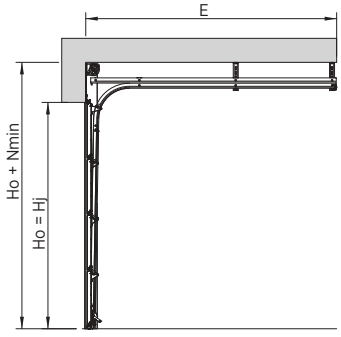
- S_o = 1500 [mm] and H_o = 1700 [mm] – garage doors type ..N
- S_o = 1500 [mm] and H_o = 1900 [mm] – garage doors type ..G, ..W, ..V
- S_o = 2230 [mm] and H_o = 1990 [mm] – garage doors type ..K

Available range of dimensions for tracks

Opening height(1) (H_o) in [mm] up to	**Opening width**(1) (S_o) in [mm] up to															
	2250	2375	2400	2500	2600	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5500
2000																
2100																
2125																
2200																
2250																
2375																
2500																
2625																
2750																
2875																
3000																

(1) – Ordering dimension.

Installation dimensions



..Sj..		SSjN		SSjN, SSjG, SSjW, SSjK		SSjG, SSjW	
Colour/Structure		RAL 8014, RAL 9006, RAL 9016, other RAL (Woodgrain)		Golden Oak, Walnut RAL 7016, RAL 8014, RAL 9016 panel type G, W, K (Woodgrain) film coating (Smoothgrain)		Golden Oak, Walnut (Smoothgrain), Anthracite (Sandgrain) RAL 7016, RAL 9016, other RAL (Silkline)	
Dimension		standard	special	standard	special	standard	special
N_{min}		**=400[mm] for** H_O = 2000 [mm] H_O = 2100 [mm] H_O = 2250 [mm] H_O = 2500 [mm] **=420[mm] for** H_O = 2125 [mm] H_O = 2200 [mm]	**=400 [mm]**	**=400[mm] for** H_O = 2100 [mm] H_O = 2250 [mm] **=420[mm] for** H_O = 2125 [mm] H_O = 2200 [mm]	**=400 [mm]**	**=400[mm] for** H_O= 2000 [mm] H_O = 2100 [mm] H_O = 2125 [mm] H_O = 2250 [mm] H_O = 2375 [mm] H_O = 2500 [mm] **=420[mm] for** H_O = 2200 [mm]	**=400 [mm]**
Sj		S_O - 40 [mm]					
Hj	Manual	$H_j = H_O - 20$ [mm]					
	Manual + catcher						
	With a drive unit						
W1, W2		110 [mm]					
E_{min}	Manual	H_O + 400 [mm]					
	With the MOTO drive	L_S + 300 [mm]					
	With the METRO drive	L_S + 410 [mm]					
L_S		2900 [mm] for $H_O \leq 2250$; 3500 [mm] for $H_O > 2250$ and $H_O \leq 2850$; 4500 [mm] for $H_O > 2850$					

So – opening width, ordering dimension. Sj – clear passage width after garage door installation. **Ho – opening height, ordering dimension.** Hj – clear passage width after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length.

N tracks

Pull springs, garage door with double horizontal tracks.

Minimum garage door dimensions:

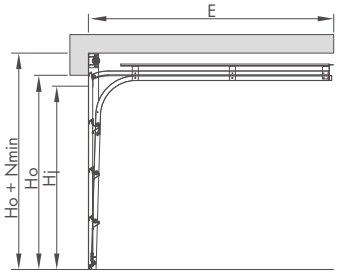
- S_o = 1500 [mm] and H_o = 1700 [mm] – garage doors type ..N
- S_o = 1500 [mm] and H_o = 1900 [mm] – garage doors type ..G, ..W, ..V
- S_o = 2230 [mm] and H_o = 1990 [mm] – garage doors type ..K

Available range of dimensions for tracks

Opening height(1) (H_o) in [mm] up to	**Opening width**(1) (S_o) in [mm] up to														
	2250	2375	2400	2500	2600	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
2000															
2100															
2125															
2200															
2250															
2375															
2500															
2625															
2750															
2875															
3000															

(1) – Ordering dimension.

Installation dimensions



..N..		**SNN**		**SNN, SNG, SNW, SNK**		**SNG, SNW**	
Colour/Structure		RAL 8014, RAL 9006, RAL 9016, other RAL (Woodgrain)		Golden Oak, Walnut RAL 7016, RAL 8014, RAL 9016 panel type G, W, K (Woodgrain) film coating (Smoothgrain)		Golden Oak, Walnut (Smooth-grain), Anthracite (Sandgrain) RAL 7016, RAL 9016, other RAL (Silkline)	
Dimension		standard	special	standard	special	standard	special
N_{min}		**=220[mm] for** H_O = 2100 [mm] H_O = 2125 [mm] H_O = 2200 [mm] H_O = 2250 [mm] **=250[mm] for** H_O = 2000 [mm] H_O = 2500 [mm]	**=220 [mm]**	**=200[mm] for** H_O = 2100 [mm] H_O = 2250 [mm] **=240[mm] for** H_O = 2125 [mm] H_O = 2200 [mm]	**=220 [mm]**	**=220[mm] for** H_O= 2000 [mm] H_O = 2100 [mm] H_O = 2125 [mm] H_O = 2250 [mm] H_O = 2375 [mm] H_O = 2500 [mm] **=240[mm] for** H_O = 2200 [mm]	**=220 [mm]**
Sj		So - 40 [mm]					
Hj	Manual	H_O - 130 [mm]					
	Manual + catcher	H_O - 80 [mm]					
	With a drive unit						
W1, W2		110 [mm]					
E_{min}	Manual	H_O + 800 [mm]					
	With the MOTO drive	L_S + 300 [mm]					
	With the METRO drive	L_S + 410 [mm]					
L_S		2900 [mm] for $H_O \leq 2250$; 3500 [mm] for $H_O > 2250$ and $H_O \leq 2850$; 4500 [mm] for $H_O > 2850$					

So – opening width, ordering dimension. Sj – clear passage width after garage door installation. **Ho – opening height, ordering dimension.** Hj – clear passage width after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length.

StA tracks

Tracks at an angle, torsion springs installed at the end of the diagonal tracks.

Minimum garage door dimensions:

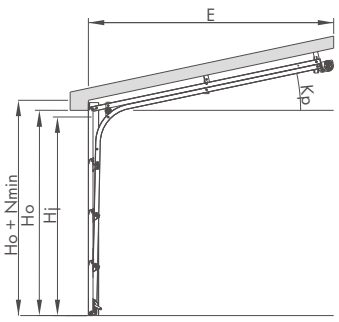
- S_o = 1500 [mm] and H_o = 1700 [mm] – garage doors type ..N
- S_o = 1500 [mm] and H_o = 1900 [mm] – garage doors type ..G, ..W, ..V
- S_o = 2230 [mm] and H_o = 1990 [mm] – garage doors type ..K

Available range of dimensions for tracks

Opening height(1) (H_o) in [mm] up to	**Opening width**(1) (S_o) in [mm] up to															
	2250	2375	2400	2500	2600	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5500
2000																
2100																
2125																
2200																
2250																
2375																
2500																
2625																

(1) – Ordering dimension.

Installation dimensions



..StA..	N_{min}		H_j			S_j	W_1,W_2
Kp	manual	automatic	manual	manual + catcher	automatic		
degrees [°]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
2	140	170	H_O - 100	H_O - 80	H_O - 70	S_O - 40	110
3	135	165	H_O - 110	H_O - 90	H_O - 70		
4	130	160	H_O - 120	H_O - 90	H_O - 70		
5	120	150	H_O - 130	H_O - 90	H_O - 70		
6	110	140	H_O - 140	H_O - 90	H_O - 70		
7	110	140	H_O - 140	H_O - 90	H_O - 70		
8	100	130	H_O - 140	-	H_O - 70		
9	100	120	H_O - 140	-	H_O - 70		
10	100	110	H_O - 140	-	H_O - 70		
11 to 20	100	100	H_O - 140	-	H_O - 60		

Minimum garage depth

E_{min}
Automatic: Emin=cos(K_p) x Emin'
Manual: Emin=cos(Kp) x (Ho+800)
H_o – opening height
Emin' – value from the table, depending on the automatic operating unit and H_o
Kp – inclination angle of the ceiling relative to the floor

Drive unit	$E_{min'}$	Height H_o
MOTO	3200	0 - 2250
	3800	2251 - 3000
	4800	2851 - 3150
METRO	3310	0 - 2250
	3910	2251 - 2850
	4910	2851 - 3150

So – opening width, ordering dimension. Sj – clear passage width after garage door installation. **Ho – opening height, ordering dimension.** Hj – clear passage width after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length.

SpA tracks

Tracks at an angle, torsion springs installed in the front by the lintel.

Minimum garage door dimensions:

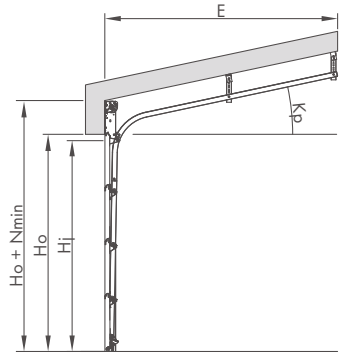
- S_o = 1500 [mm] and H_o = 1700 [mm] – garage doors type ..N
- S_o = 1500 [mm] and H_o = 1900 [mm] – garage doors type ..G, ..W, ..V
- S_o = 2230 [mm] and H_o = 1990 [mm] – garage doors type ..K

Available range of dimensions for tracks

Opening height[1] (H_o) in [mm] up to	**Opening width**[1] (S_o) in [mm] up to														
	2250	2375	2400	2500	2600	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
2000															
2100															
2125															
2200															
2250															
2375															
2500															
2625															

[1] – Ordering dimension.

Installation dimensions



SpA	N_{min}		H_j		S_j	W_1,W_2
Kp	manual	automatic	manual	automatic		
degrees [°]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
2 to 3	360	390	H_O - 50	H_O - 20	S_O - 40	110
4	350	380	H_O - 50	H_O - 20		
5 to 6	350	370	H_O - 50	H_O - 20		
7	350	360	H_O - 50	H_O - 20		
8 to 20	350	350	H_O - 50	H_O - 20		

Minimum garage depth

E_{min}
Automatic: Emin=cos(K_p) x Emin'
Manual: Emin=cos(Kp) x (Ho+450)
H_o – opening height
Emin' – value from the table, depending on the automatic operating unit and H_o
Kp – inclination angle of the ceiling relative to the floor

Drive unit	$E_{min'}$	Height H_o
MOTO	3200	0 - 2250
	3800	2251 - 3000
	4800	2851 - 3150
METRO	3310	0 - 2250
	3910	2251 - 2850
	4910	2851 - 3150

So – opening width, ordering dimension. Sj – clear passage width after garage door installation. **Ho – opening height, ordering dimension.** Hj – clear passage width after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length.

HL tracks

High tracks, torsion springs installed by the lintel.

Minimum garage door dimensions:

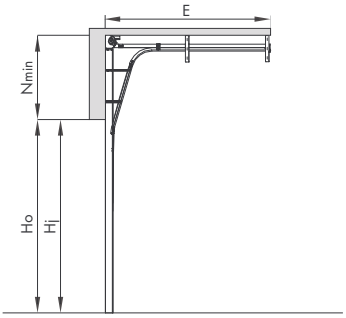
- S_o = 1500 [mm] and H_o = 1955 [mm] – garage doors type __G, __W, __V, __N
- S_o = 2230 [mm] and H_o = 2040 [mm] – garage doors type __K

Available range of dimensions for tracks

Opening height(1) (H_o) in [mm] up to	**Opening width**(1) (S_o) in [mm] up to															
	2250	2375	2400	2500	2600	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5500
2000																
2100																
2125																
2200																
2250																
2375																
2500																
2625																
2750																
2875																
3000																

(1) – Ordering dimension.

Installation dimensions



HL		**SHLN, SHLG, SHLW, SHLK**	
Colour/Structure		all available colour and structure combinations	
Dimension		standard	special
Nmin	Manual	400 < N ≤ 1300	
	With a drive unit		
Sj		S_O - 40 [mm]	
Hj	Manual	H_O – 20	
	With a drive unit		
W1, W2		110 [mm]	
Emin	Manual	H_O - 0.8 x N+645 [mm]	
	With the MOTO drive	3200 [mm] for $H_O \leq 2080$; 3800 [mm] for $2080 < H_O \leq 2680$; 4800 [mm] for $H_O > 2680$	
	With the METRO drive	3310 [mm] for $H_O \leq 2080$; 3910 [mm] for $2080 < H_O \leq 2680$; 4910 [mm] for $H_O > 2680$	

So – opening width, ordering dimension. Sj – clear passage width after garage door installation. **Ho – opening height, ordering dimension.** Hj – clear passage width after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length.

SNP tracks

The UniPro SNP 2.0 sectional garage door features a specially designed system of tracks and opening frames that enables adjustment of the position of the door during fitting. This is possible because the tracks are joined with the opening frames with screws, as well as thanks to the use of special opening frame fascia panels in the garage door colour and because with the use of special angle bars, their fixing point can be moved outside their outline.

Pull springs mounted along the vertical tracks.

Minimum garage door dimensions:

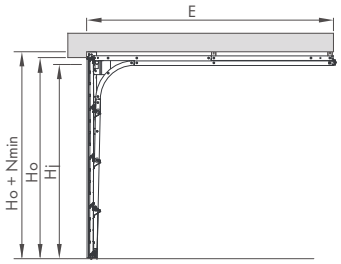
- S_o = 1500 [mm] and H_o = 1900 [mm] – garage doors type ..N, ..G, ..W, ..V
- S_o = 2230 [mm] and H_o = 1990 [mm] – garage doors type ..K

Available range of dimensions for tracks

Opening height(1) (H_O) in [mm] up to	**Opening width**(1) (S_O) in [mm] up to												
	2250	2375	2400	2500	2600	2750	3000	3250	3500	3750	4000	4250	4500
2000													
2100													
2125													
2200													
2250													
2375													
2500													

(1) – Ordering dimension.

Installation dimensions



..SN..		SNPN, SNPG, SNPW, SNPK	
Colour/Structure		all available colour and structure combinations	
Dimension		standard	special
N_{min}	Manual	90 [mm]	
	With the MOTO drive	100 [mm]	
	With the METRO drive	100 [mm]	
Sj		S_O - 40 [mm]	
Hj	Manual + catcher (standard)	H_O - 60 [mm]	
	With a drive unit	H_O - 60 [mm]	
W1, W2		100 [mm]	
E_{min}	Manual	H_O + 600 [mm]	
	With the MOTO drive	L_S + 300 [mm]	
	With the METRO drive	L_S + 410 [mm]	
L_S		2900 [mm] for $H_O \leq 2250$; 3500 [mm] for $H_O > 2250$ and $H_O \leq 2850$; 4500 [mm] for $H_O > 2850$	

So – opening width, ordering dimension. Sj – clear passage width after garage door installation. **Ho – opening height, ordering dimension.** Hj – clear passage width after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length.

UniPro Nano80 garage door

The design of the UniPro Nano80 garage door was adapted to the installation conditions in which a small lintel makes it impossible to fit an automatic garage door. Thanks to the special profile of the tracks, the UniPro Nano80 automatic door can even be installed to lintels just 80 mm high.

Minimum garage door dimensions:

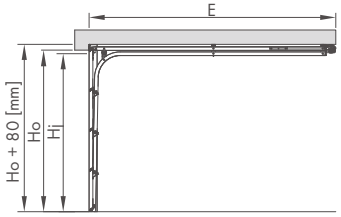
- S_o = 1500 [mm] and H_o = 1955 [mm] – garage doors type □□G, □□W, □□V, □□N
- S_o = 2230 [mm] and H_o = 2040 [mm] – garage doors type □□K

Available range of dimensions for tracks

Opening height(1) (H_o) in [mm] up to	**Opening width**(1) (S_o) in [mm] up to															
	2250	2375	2400	2500	2600	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5500
2000																
2100																
2125																
2200																
2250																
2375																
2500																
2625																
2750																
2875																
3000																

(1) – Ordering dimension.

Installation dimensions



Nano80		**SStN, SStG, SStW, SStK**	
Colour/Structure		all available colour and structure combinations	
Dimension		standard	special
N_{min}	With a drive unit	80 [mm]	
Sj		S_O - 40 [mm]	
Hj	With the MOTO drive	H_O - 80 [mm]	
	With the METRO drive	H_O - 80 [mm]	
W1, W2		110 [mm]	
E_{min}	With the MOTO drive	L_S + 600 [mm]	
	With the METRO drive	L_S + 600 [mm]	
L_S		2900 [mm] for $H_O \leq 2250$; 3500 [mm] for $H_O > 2250$ and $H_O \leq 2850$; 4500 [mm] for $H_O > 2850$	

So – opening width, ordering dimension. Sj – clear passage width after garage door installation. **Ho – opening height, ordering dimension.** Hj – clear passage width after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length.

UniPro RenoSystem

This solution comprises a torsion spring system (St) installed at the end of the horizontal tracks, specially designed opening frames with and without thermal insulation, as well as fascia panels in a colour matching the door leaf. Available in three versions adapted to different installation conditions.

Minimum garage door dimensions:

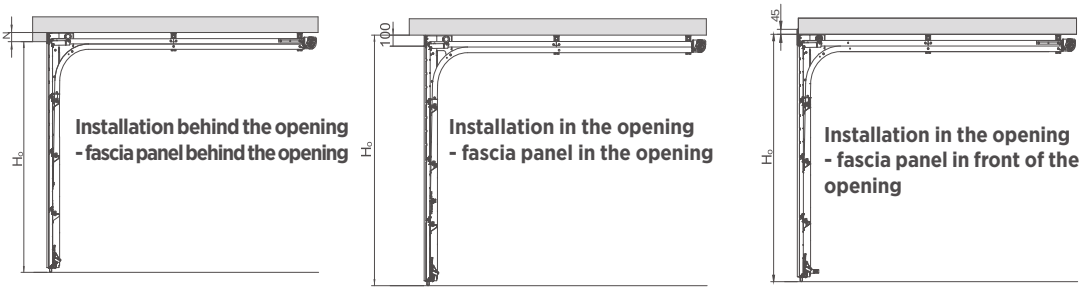
- S_o = 1500 [mm] and H_o = 1700 [mm] – garage doors type ..N
- S_o = 1500 [mm] and H_o = 1900 [mm] – garage doors type ..G, ..W, ..V

Available range of dimensions for tracks

Opening height (H_O) in [mm] up to	**Opening width** (S_O) in [mm] up to														
	2250	2375	2400	2500	2600	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
2000															
2100															
2125															
2200															
2250															
2375															
2500															
2625															
2750															
2875															

(1) – Ordering dimension.

Installation dimensions



..St..		Installation behind the opening	Installation in the opening
Sj		So – 240 [mm] + W_1 + W_2	So – 240 [mm]
Hj	manual	H_O – 210 [mm] + N	H_O – 210 [mm]
	manual + catcher (1)	H_O – 150 [mm] + N	H_O – 150 [mm]
	with a drive unit (1)	H_O – 160 [mm] + N	H_O – 160 [mm]
N_{min}		0 [mm]	0 [mm]
W_{1min}, W_{2min}		0 [mm]	0 [mm]

So – opening width, ordering dimension. Sj – clear passage width after garage door installation. **Ho – opening height, ordering dimension.** Hj – clear passage width after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length.
(1) – When a lock is fitted in the garage door with a safety brake Hj = Ho-190 [mm] + N

OPTIONAL ACCESSORIES

WICKET DOOR

The standard clear passage width is 800 [mm], the clear passage height can range from 1700 [mm] to 1980 [mm] depending on the height of the door and panels used.

- The minimum dimensions of a garage door in which a wicket door can be fitted are 2000 x 2000 [mm] (So x Ho).
- The wicket door is available for garage doors with a glazed or ventilated panel with So ≥ 2400 [mm].
- Drip strip (standard).
- Threshold ~100 [mm] high (including the door gasket ~40 [mm] high).
- The bottom door edge is fitted with a brush seal.
- The door can be manufactured in a garage door with a minimum lintel of 140 [mm]. Does not apply to the RenoSystem.
- The door is fitted in the middle of the garage door leaf as standard, swing direction: right or left, outswing, outfitted with a handle with a cover plate on both sides and a lock with a cylinder lock (three keys).
- The one-key system (standard) – the lock in the wicket door and the lock in the garage door are both opened with a single key (this does not apply to doors fitted with an anti-burglary lock cylinder).
- The door hardware, as well as the top and bottom hardware of the garage door is made of aluminium.
- The wicket door option in automatic doors includes a wicket door opening sensor.
- Wicket restrictor – standard.

Wicket door

By default, the wicket door features a ~100 [mm] threshold (including the gasket ~40 [mm]). A low threshold 30 [mm] high with a gasket is available as an option.

Low threshold in the wicket door

Low threshold in wicket door (21 mm high), minimizes obstacles in the passageway.

Wicket door opening sensor

The wicket door opening sensor prevents activation of the door when the wicket door is open. The wicket door option in automatic doors includes a wicket door opening sensor.

PORTHOLES

Type A-1 – made of double, clear acrylic glass, with rough frame surface. The external frame is available in RAL 7016, RAL 8003, RAL 8011, RAL 8014, RAL 8016, RAL 9005, RAL 9016. The internal frame is always white. Internal/external frame made of PVC. External dimensions of the frame 600 x 270 [mm]. Light transmission 86%.

Type A-3 – made of double, clear acrylic glass, with smooth frame surface. Black external and internal frame. Internal/external frame made of ABS. External dimensions of the frame 643 x 337 [mm]. Light transmission 86%.

Type O-1A

Type O-2A

Type R-1A

Type R-2A

EXAMPLE UniPro DESIGNS

GLAZING


Garage door with portholes – type A-1


Garage door with portholes – type C-1


Garage door with portholes – type E-1


Garage door with portholes – type O


Garage door with portholes – type O-1A, stainless steel frame


Garage door with portholes – type O-2A, stainless steel frame


Garage door with portholes – type R-1A, stainless steel frame


Garage door with portholes – type R-2A, stainless steel frame


Garage door with portholes – type W3-1


Garage door with portholes – type W4-1


Garage door with portholes – type W5-1


Garage door with portholes – type W6-1

DECORATIVE MOTIFS


Type Ap-1


Type Ap-2


Type Ap-3


Type Ap-4


Type Ap-5


Type Ap-6


Type Ap-7 in garage doors with panels without ribs


Type Ap-7 in garage doors with panels with high ribs

OTHER MANUFACTURING OPTIONS


Garage door with a wicket door


Garage door with an aluminium panel glazing


Garage door with the VISUAL glazing - available for garage door widths up to So=3000 [mm]


Garage door with a ventilated panel – expanded mesh


Garage door with a ventilated panel – perforated sheet

AUTOMATIC OPERATING UNIT KITS

The MOTO RTS and METRO RTS series drive units are dedicated for garage doors and ensure full functionality and overload protection as standard.
The EXTENDED CARE warranty lets you extend the standard warranty for the complete product – automatic sectional garage door:

- up to 5 years when factory configured with the METRO drive unit,
- up to 3 years when factory configured with the MOTO drive unit.

Drive unit type		MOTO	METRO / Metro SMART io[1]
			
Technical data	Power supply / Motor	230V, 50Hz / 24V DC	230V, 50Hz / 24V DC
	Force	600N and 750N	800N and 1000N
	Efficiency	30%	30%
	Single-piece track	yes – steel	yes – steel
	Transmission	chain or belt*	chain or belt*
	Speed	14 cm/s	3.5 ÷ 18 cm/s – adjustable
	Central control unit	integrated	integrated
	Radio receiver	Somfy RTS, integrated - 433.42 MHz RTS	Somfy RTS, integrated - 433.42 MHz RTS
	Radio receiver storage:	32 transmitters	32 transmitters
	Auto selection of operating parameters	yes	yes
	Limit switches	encoder + mechanical bumper	encoder + mechanical bumper
	Emergency uncoupling	yes	yes
	Application	sectional / up and over	sectional / up and over
	Wicket door opening sensor	no	yes
	Dynamic shutting (up and over doors)	no	no
	Rotating automatic operating unit head	yes	yes
	Warranty	3 years	5 years
Functionality	Obstacle detection	yes	yes
	Obstacle detection adjustment	4 adjustment levels	4 adjustment levels
	Action following obstacle detection	stop or open fully	open partially or open fully
	Automatic closing	no	yes /from 10 ÷ 120 s/
	Release in end position	yes	yes
	Independent exterior lighting	no	yes / 230V, 500W
	Exterior lighting control	no	yes
	Auxiliary warning light	yes / 24V, 15W	yes / 24V, 15W
	Delayed drive unit light switch off	yes / fixed – 30 s	yes / adjustable 1 ÷ 60 minutes
	Display	no	yes / LCD
	Partial opening of the door – slightly open	no	yes / adjustable
	Cycle counter	no	yes
	Recent fault logging	no	yes
	Smart home	no	yes*, io-homecontrol technology

[1] Metro SMART io drive unit is a technically and visually improved product, representing a new approach to intelligent technologies, it is compatible with smart home systems managed using the Connexoon and TaHoma central control units.
* At an extra charge.

OPTIONAL ACCESSORIES

DIGIPAD RTS CODE KEYPAD BY SOMFY

The two-channel code keypad makes it possible to control both drive units and radio receivers. The keypad is a wireless flush-mounted device which does not require any cables.

io CODE KEYPAD BY SOMFY

Makes it possible to control the io radio drives and can support up to two devices. The keypad is a flush-mounted wireless device and no cables are required for installation.

RTS WALL-MOUNTED TRANSMITTER BY SOMFY

The two-channel transmitter lets you control both your drive units and radio receivers. The wall-mounted transmitter is a wireless flush-mounted device which does not require any cables.

EXTERNAL RADIO RECEIVER BY SOMFY

Makes it possible to control the drive units of other manufacturers using the Pulsar transmitter. It is a two-channel device which makes it possible to program as many as 32 transmitters.

MECHANICAL CARRIAGE LOCK

It is an additional safeguard which increases garage door safety when mounted to the carriage.

SIGNAL LIGHT

Supports the METRO drive units. Warning function. Orange blinking light indicates that the door is operating.

BACKUP POWER SUPPLY BATTERY

When connected to the METRO or MOTO drive, it provides power for several cycles of emergency operation.

EXTERNAL CODE KEYPAD

The single-channel device can be used to control the garage door with a code. For outdoor installation, requires cabling.

PHOTOCELLS

They prevent uncontrolled door leaf movement when an obstacle is present within the clear passage.

SECTIONAL DOOR

UniPro | RAL 9004 | silkline

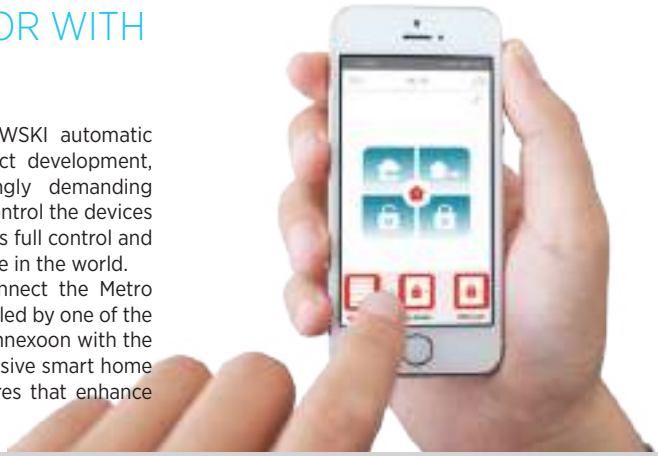
UniPro | RAL 3000 | silkline

TECHNICAL DATA

	UniPro
Leaf	A panel made of galvanized steel sheet with two-side polyester coating, galvanized and painted on both sides, infilled with high density PU foam g=42 kg/m³ without HCFC
Minimum number of cycles	20000
Thermal transmittance factor U of the panel [W/m²xK]	0.48
Watertightness class	2 in accordance with PN-EN 13241-1 section 4.4.2
Wind load resistance class	3 in accordance with PN-EN 13241-1 section 4.4.3
Air permeability class	4 in accordance with PN-EN 13241-1 section 4.4.6
Sound reduction index Rw [dB] without a wicket door / with a wicket door	23 / 24 in accordance with PN-EN ISO 717-1: 1999
Safeguards	The special shape of the panel protecting fingers from getting crushed, safeguards against breaking of load-bearing cables, safeguard against breaking of torsion springs (on each spring), wicket sensor used in doors with an electric drive and a wicket. Option: photocells.
Optional accessories	Various types of tracks, electric drive, ventilated panel, glazing with an aluminium panel, VISUAL glazing without glazing bars, portholes, glass panes: No-Scratch, GREY, SATIN, SAN R, ventilation grilles, wicket doors (low threshold in wicket doors), auxiliary lock, photocells, transmitter.
Maximum width / height of the door [mm]	6000 / 3000
Available panel rib designs	low ribs, high ribs, V ribs, without ribs, caisson ribs
Available panel structures	woodgrain, smoothgrain, sandgrain, silkline
Available colours:	other RAL, special colours, including wood imitating colours, (film coated panels)
Track type	N, Sp, St, Sj, SN, SpA, StA, HL

CONTROL THE GARAGE DOOR WITH YOUR SMARTPHONE!

The SmartCONNECTED technology brings WISNIOWSKI automatic sectional garage doors to the next level of product development, tailoring them to the requirements of increasingly demanding customers. On the one hand, it makes it possible to control the devices with a smartphone, and on the other, it gives the users full control and lets them stay in touch with their home from any place in the world.
io-homecontrol® makes it possible to wirelessly connect the Metro SMART io drive unit to the smart home system controlled by one of the Somfy central control units: TaHoma® Premium or Connexoon with the Connexoon Access application. Building a comprehensive smart home provides a number of benefits and additional features that enhance your comfort every single day.



smart CONNECTED

WISNIOWSKI

WIŚNIOWSKI Sp. z o.o. S.K.A.
PL 33-311 Wielogłowy 153
tel. +48 18 44 77 111
Fax +48 18 44 77 110

www.wisniowski.pl/en

Let us inspire you!
See other solutions from WISNIOWSKI!