

CATALOG  
**ROLLER SHUTTERS**  
PORTOS



# COLOURS OF VENEER



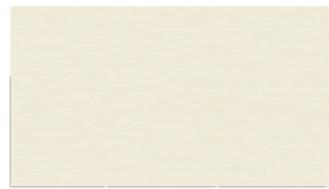
10 - Plain anthracite



11 - Palisander



12 - Anthracite



14 - Creamy white



17 - Chocolate



22 - Mahogany



30 - Walnut



34 - Bog oak



38 Dark oak \*



48 - Golden oak



53 - Siena noce \*



54 - Winchester



55 - sheffield oak \*



61 - Grey quartz \*



62 - Basalt grey \*



63 - Plain basalt grey \*



66 - Green



94 - Light grey



95 - Brushed aluminium



96 - Light silver \*



97 - grafit metallic \*



99 - Dark grey

\* - Completion date up to 15 business days.

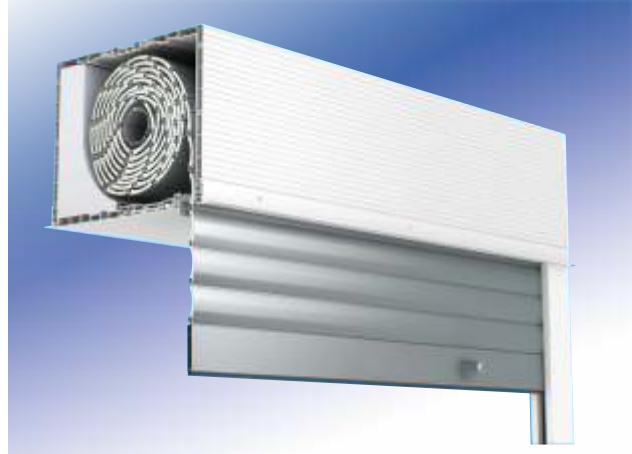




# TOP MOUNTED ROLLER SHUTTERS

CC1000®

TL1000®



TP1000K®

TP1000K®  
with mosquito net



MX1200®



# CC1000®



CC1000 is a basic system of top mounted roller shutters. The inspection hatch is mounted on the front part of the shutter box. They can be installed on windows which frame's max. thickness does not exceed 95 mm. This system cannot have mosquito net. CC1000 roller shutters system is perfect solution for houses and industrial facilities.



The CC1000 shutter box with an open revision hatch.



The CC1000 shutter box has a revision hatch from the front, and therefore it can be build over only from the outside. The service access to the shutter box is possible form the apartment.

## TL1000®



TL1000 is one of the best roller shutter system that can be used in new buildings and these modernized as well. The inspection hatch is installed on the bottom of the box- that gives the possibility of covering the shutter box from the inside of the apartment. They can be installed on windows which frame's max thickness does not exceed 95 mm. This system cannot have mosquito net.



The TL1000 shutter box with an open revision hatch.



The TL1000 shutter box mounted on the wall

# TP1000K®



TP1000K is a system that can be mounted on wide window frames, even up to 202 mm (with broadening to 264 mm). Using an expanding elements, we increase the depth of the box by 31 mm or 62 mm. This system gives a possibility to install revision hatch from the bottom (with a build-up shutter box from the inside) or from the front (during the installation on a wide window frame). The possible service is either manual- with the use of a tape/cord- or electric- with the use of switch or remote control.



The TP1000K roller shutter with an open bottom revision hatch.



The TP1000K roller shutter with an open front revision hatch.



The TP1000K roller shutter can be installed from the internal and external side. Front profiles additionally rifled and equipped with plaster slats facilitate the installation.

The revision hatch in this type of system occurs from the bottom and the roller shutter is operated from the inside.



The TP1000K roller shutter installed from the outer side. The external front profile is grooved and equipped with a plaster slat. In order to have a more aesthetic look, the internal front profile is smooth.

The type of installation depends on choice of the revision hatch. The revision hatch in such a build-up installation occurs from the bottom or from the front and the handling of the shutter takes place from the inside of the room.

The TP1000K shutter with a revision hatch from the front may be installed only from the outside. On the other hand, with the cover from the bottom it may be installed from the outside and from the inside.

Additionally, the front elements of the shutter may be grooved and equipped with plaster slats facilitating the building up of boxes.



The TP1000K roller shutter is installed from the internal side. The internal front profile is grooved and equipped with a plaster slat. In order to have a more aesthetic look, the external front profile is smooth.

The revision hatch in this type of system occurs from the bottom and the roller shutter is operated from the inside.



The TP1000K roller shutter is non-built-up on both sides. For aesthetic reasons the front profiles on both sides are smooth.

The revision cover in such an installation occurs from the bottom or from the front and the handling of the shutter takes place from the inside of the room.

# TP1000K® with mosquito net



TP1000K is a system that can be mounted on broad window frames, even up to 188 mm (with a broadening up to 250 mm). Using an expanding elements we increase the depth of the shutter box by 31 mm or 62 mm. Within this system revision hatch can be from the bottom (with an installation box from the inside), or from the front (during the installation on a wide window frame). The possible service is either manual - with the use of tape/cord- or electric - with the use of a switch or a remote control. The version with a mosquito net effectively protects the room against insects, as well as any kinds of pollen, leaves and dirt. At the same time it does not limit access to fresh air and daylight.



The TP1000K roller shutter with an open bottom revision hatch.



The TP1000K roller shutter with an open front revision hatch.



The TP1000K roller shutter is installed from the internal and external side. Front profiles additionally rifled and additionally equipped with plaster slats facilitate the installation. The revision hatch in this type of system occurs from the bottom and the roller shutter is operated from the inside.



The TP1000K roller shutter installed from the outer side. The external front profile is grooved and equipped with a plaster slat. In order to have a more aesthetic look, the external front profile is smooth.

The selection of a revision cover results in the way of installation of boxes. The revision hatch in such a build-up installation occurs from the bottom or from the front and the handling of the shutter takes place from the inside of the room.

The TP1000K roller shutter with a revision hatch from the front may be installed only from the outside. On the other hand, with the cover from the bottom it may be installed from the outside and from the inside.

Additionally, the front elements of the shutter may be grooved and additionally equipped with plaster slats facilitating the building up of boxes.



The TP1000K roller shutter is installed from the internal side. The internal front profile is grooved and equipped with a plaster slat. In order to have a more aesthetic look, the external front profile is smooth. The revision hatch in this type of system occurs from the bottom and the roller shutter is operated from the inside.



The TP1000K roller shutter is non-built-up on both sides. For aesthetic reasons the front profiles on both sides are smooth. The revision hatch in such installation occurs from the bottom or from the front and the handling of the shutter takes place from the inside of the room.

# MX1200®



MX1200 is a system of roller shutters dedicated for renovation and monoblock windows. The specific construction of the shutter box with an inspection hatch at the front allows for mounting a roller shutter on the window frames of 60 to 180mm. The rounded bottom edge of the inspection hatch and the ability to use end caps on the access cover and the box sides increase the aesthetics significantly. The operation is possible both manual using a tape and electric using a switch or a remote control.



The MX1200 shutter with an open revision cove.



Box of MX1200 roller shutter is adapted for mounting in the insulation layer which allows for mounting MX1200 roller shutters with windows in the monoblock system.



MX1200 roller shutter can be mounted with windows in the renovation system.  
This system is used to mount roller shutters with a window without removing old frames.



The MX1200 shutter on the wall.



# FRONT MOUNTED ROLLER SHUTTERS

**ST2000®**

ST2000 with mosquito net



**RL2000®**

RL2000 with mosquito net



**OS2000®**

OS2000 with mosquito net



**OL2000®**

OL2000 with mosquito net



**IT2000®**

IT2000 with mosquito net



# ST2000® with mosquito net



The shutter box cut at an angle of 45 degrees is installed on windows or facades. This system is the simplest solution in technical and economic terms. The size of the box depends on the whole height of the shutter and the type of profile. This often determines the method of installation. The lowered roller shutter is an additional thermal shield with insulation properties. The layer of air between the lowered curtain of the shutter and the window impedes exchange of the heat between the interior and exterior. It enables saving thermal energy necessary for heating of the rooms, while on hot days it protects against

their excessive heating. There is a version either with mosquito net or without it.



## A TYPE OF INSTALATION

The whole shutter box is installed on the building facade.

The drive (belt or cord) are conducted through the rear of the box, then through an opening in the wall into the rooms.  
We perform this installation after the installation of windows.



## B TYPE OF INSTALATION

The whole shutter box is screwed on a window frame.

The output of the drive (cord) is through the window frame.  
It should be remembered to insert the shutter box with guides into the window recess.



## C TYPE OF INSTALATION

The shutter box is mounted conversely inside the window recess.

Remember that between the shutter and the window there would be a place for the opening of the revision hatch.  
Also take into consideration that the curtain is also reversed (from the outside we can see its back).

# RL2000® with mosquito net



RL2000 is a roller shutter system similar to ST2000 but with an oval shutter box. Preserving an interesting style, it constitutes the simplest solution in technical and economic terms. The size of the box depends on the whole height of the shutter and the type of profile. There are two versions, with mosquito net or without it. The version with a mosquito net effectively protects the room against insects, as well as any kinds of pollen, leaves and dirt. At the same time it does not limit access to fresh air and daylight.



## A TYPE OF INSTALLATION

The whole roller shutter is mounted on the building facade.

The drive (belt or cord) are conducted through the rear of the box, then through an opening in the wall into the rooms.  
We perform this installation after the installation of windows.



## B TYPE OF INSTALLATION

The whole roller shutter is screwed on a window frame.

The output of the drive (cord) is through the window frame.  
It should be remembered to insert the shutter box with guides into the window recess.

# OS2000® with mosquito net



The semi-circular shape of the OS2000 shutter box gives the window an elegant appearance. Moreover, the semi-circular caps for the guides are also available. The size of the box depends on the whole height of the shutter and the type of profile. The version with a mosquito net effectively protects the room against insects, as well as any kinds of pollen, leaves and dirt. At the same time it does not limit access to fresh air and daylight.



## A TYPE OF INSTALLATION

The whole shutter is mounted on the building facade.

The drive (belt or cord) are conducted through the rear of the box, then through an opening in the wall into the rooms.  
We perform this installation after the installation of windows.



## B TYPE OF INSTALLATION

The whole shutter is screwed on a window frame.

The output of the drive (cord) is through the window frame.  
It should be remembered to insert the shutter box with guides into the window recess.

# OL2000® with mosquito net



THE EXTRUDED BOX made in the technology of pressing aluminium.

Elegance and harmony in combination at an affordable price. It constitutes the simplest solution in technical and economic terms, at the same time preserving an interesting style. The size of the box depends on the whole height of the shutter and the type of armouing. There are also available semi-circular caps for the guide rails. The version with a mosquito net effectively protects the room against insects, as well as any kinds of pollen, leaves and dirt. At the same time it does not limit access to air and daylight.



## A TYPE OF INSTALLATION

The whole roller shutter is mounted on the building facade.

The drive (belt or cord) are conducted through the rear of the box, then through an opening in the wall into the rooms.  
We perform this installation after the installation of windows.



## B TYPE OF INSTALLATION

The whole roller shutter is screwed on a window frame.

The output of the drive (cord) is through the window frame.  
It should be remembered to insert the shutter box with guides into the window recess.

## IT2000® with mosquito net



This system is a connection of the front mounted shutter with a top mounted shutter. The basic advantage of this system is the fact that it can be installed without enlarging the window holes and at the same time build up the box, as a result of which we would not reach a visual effect, as in the case of top mounted shutters. With a shutter of this type the whole box remains outside the building and service access is ensured through a revision cover in the lower part. The version with a mosquito net effectively protects the room against insects, as well as any kinds of pollen, leaves and dirt. At the same time it does not limit access to air and daylight.



IT2000 with a mosquito net - installation without enlarging.



IT2000 with a mosquito net - installation with enlarging.

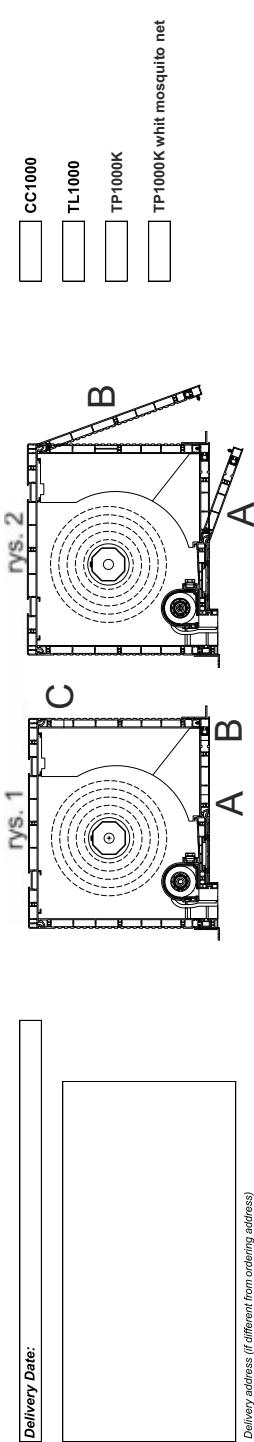


**ORDER FORM - TOP MOUNTED ROLLER SHUTTERS: for window profile  
This order form include PORTOS-CC000. In case of ordering TL1000, TP1000K,  
TP1000K with mosquito please fill in with „X“ required box on the form**

TP1000K adapter:  NPS-010 + NPL-020  
 NPS-011

|   |             |                |
|---|-------------|----------------|
| No.   | Order Date: | Delivery Date: |
| Delivery address (if different from ordering address) |             |                |
| <br>  |             |                |
| <br>  |             |                |

Purchaser stamp:



| No | Quantity | Size of roller shutter [cm]<br>(include top box and guides) |        | Shutter box size [mm] | Mosquito net width -<br>TP1000K only<br>(divided) | Output tape A,B or<br>C - TP1000K<br>only | Guide type PVC,<br>AlU single<br>or double<br>- ALU - TP1000K<br>only | PVC guide<br>cut angle<br>(from 0° to<br>45°) | Inspection<br>hatch place<br>A or B (rys.<br>2) - TP1000K<br>only | Box colour<br>int. | Box colour<br>ext. | Guide colour<br>TP1000K<br>only | Inspection<br>hatch colour<br>(TL1000,<br>TP1000K only) | Profile<br>type<br>available<br>colours<br>only) | Profile<br>colour<br>available<br>colours<br>only) | Bottom<br>lathe<br>colour | Net<br>bottom<br>lathe<br>colour | Spring +<br>multipoint<br>lock | Tubular<br>motor | Drive |       | Operation (looking<br>from inside) | Concealed Lathe<br>colour<br>(TL1000, TP1000K) | Remarks: e.g. roller tape colour,<br>tape colour, Extra accessories;<br>e.g. Bolt Set/Automatic Bolts in<br>bottom lathe, blocking hanger,<br>switch button etc. |  |
|----|----------|---|--------|-----------------------|---|---|---|---|---|--------------------|--------------------|---------------------------------|---|--|--|---------------------------|----------------------------------|--------------------------------|------------------|-------|-------|------------------------------------|--|--|--|
|    |          | width   | height |                       |   |   |   |   |   |                    |                    |                                 |   |  |  |                           |                                  |                                |                  | Left  | Right |                                    |  |  |  |
| 1  |          |   |        |                       |   |   |   |   |   |                    |                    |                                 |   |  |  |                           |                                  |                                |                  |       |       |                                    |  |  |  |
| 2  |          |   |        |                       |   |   |   |   |   |                    |                    |                                 |   |  |  |                           |                                  |                                |                  |       |       |                                    |  |  |  |
| 3  |          |   |        |                       |   |   |   |   |   |                    |                    |                                 |   |  |  |                           |                                  |                                |                  |       |       |                                    |  |  |  |
| 4  |          |   |        |                       |   |   |   |   |   |                    |                    |                                 |   |  |  |                           |                                  |                                |                  |       |       |                                    |  |  |  |
| 5  |          |   |        |                       |   |   |   |   |   |                    |                    |                                 |   |  |  |                           |                                  |                                |                  |       |       |                                    |  |  |  |
| 6  |          |   |        |                       |   |   |   |   |   |                    |                    |                                 |   |  |  |                           |                                  |                                |                  |       |       |                                    |  |  |  |
| 7  |          |   |        |                       |   |   |   |   |   |                    |                    |                                 |   |  |  |                           |                                  |                                |                  |       |       |                                    |  |  |  |
| 8  |          |   |        |                       |   |   |   |   |   |                    |                    |                                 |   |  |  |                           |                                  |                                |                  |       |       |                                    |  |  |  |
| 9  |          |   |        |                       |   |   |   |   |   |                    |                    |                                 |   |  |  |                           |                                  |                                |                  |       |       |                                    |  |  |  |
| 10 |          |   |        |                       |   |   |   |   |   |                    |                    |                                 |   |  |  |                           |                                  |                                |                  |       |       |                                    |  |  |  |

Notes/sketch/drawing (view from inside only)  
Please familiarize with explanation before filling out this form.

Please, any changes in order form text boxes may lead to mistakes in order realization. Such type of complaint will not be taken for consideration.  
Hiermit erkläre ich, dass ich die Personenbezogenen Daten der natürlichen Person zur Einwilligung zur Verarbeitung der personenbezogenen Daten gem. der Verordnung (EU) 2016/679 des Europäischen Parlaments und des Rates vom 27. April 2016 übermittle.



## ORDER FORM - FRONT MOUNTED ROLLER SHUTTERS

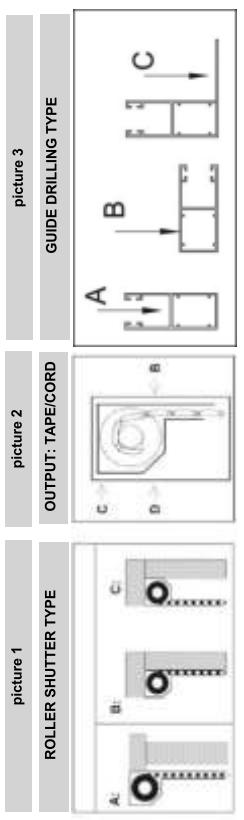
This order form include ST2000. In case of ordering ST2000 with mosquito net, RL2000, RL2000 with mosquito net, OS2000, OS2000 with mosquito net, OL2000, IT2000 with mosquito net, IT2000 with mosquito net please fill in with "X" required box on the form.

|   |             |                |
|---|-------------|----------------|
| No.   | Order Date: | Delivery Date: |
|  |             |                |
| Delivery address (if different from ordering address):<br><br><br><br><br><br>      |             |                |
| Comments/Stamp:<br><br><br><br><br><br>   |             |                |

Delivery address (if different from ordering address):

Comments/Stamp:

| No. | Quantity | Size of roller shutter [cm] (include top box and guides) |        | Roller shutter type [pic. 1] | Top Box width [mm] | Output: (tape, cord, cable) not include IT2000 (pic.2) | Guide Type (single, double, angular) | Guide drilling type (pic.3) | Top Box colour/INTERMO inspection hatch/concealed lathe | Concealed Lathe type - for oval guide IT2000 (LT ZERO in 22, 30, 48, 54 colour only) LT79 or LT20 | Colour of Oval Guide Cover (NIPPO 53 or NIPPO 79) | Profile colour (available colours only) | Profile Type | Bottom lathe colour | Mosquito net | Manual | Operation from inside | NIKK output | Cardan Cranking mechanism | Tubular Motor | Spring + multi-point lock in rath + 2 keys set + handles | Bottom lathe colour | Net colour | Box with crank gear | Box with tape | Cord | Left | Right | Remarks: e.g. roller tape/cord colour, tape/cord colour, Extra accessories: e.g. Bolt Set/Automatic Bolts in bottom lathe, blocking hanger, switch button etc. |
|-----|----------|--|--------|------------------------------|--------------------|--|--------------------------------------|-----------------------------|---|---|---|---|--------------|---------------------|--------------|--------|-----------------------|-------------|---------------------------|---------------|--|---------------------|------------|---------------------|---------------|------|------|-------|--|
|     |          | width  | height |                              |                    |  |                                      |                             |   |   |   |   |              |                     |              |        |                       |             |                           |               |  |                     |            |                     |               |      |      |       |  |
| 1   |          |  |        |                              |                    |  |                                      |                             |   |   |   |   |              |                     |              |        |                       |             |                           |               |  |                     |            |                     |               |      |      |       |  |
| 2   |          |  |        |                              |                    |  |                                      |                             |   |   |   |   |              |                     |              |        |                       |             |                           |               |  |                     |            |                     |               |      |      |       |  |
| 3   |          |  |        |                              |                    |  |                                      |                             |   |   |   |   |              |                     |              |        |                       |             |                           |               |  |                     |            |                     |               |      |      |       |  |
| 4   |          |  |        |                              |                    |  |                                      |                             |   |   |   |   |              |                     |              |        |                       |             |                           |               |  |                     |            |                     |               |      |      |       |  |
| 5   |          |  |        |                              |                    |  |                                      |                             |   |   |   |   |              |                     |              |        |                       |             |                           |               |  |                     |            |                     |               |      |      |       |  |
| 6   |          |  |        |                              |                    |  |                                      |                             |   |   |   |   |              |                     |              |        |                       |             |                           |               |  |                     |            |                     |               |      |      |       |  |
| 7   |          |  |        |                              |                    |  |                                      |                             |   |   |   |   |              |                     |              |        |                       |             |                           |               |  |                     |            |                     |               |      |      |       |  |
| 8   |          |  |        |                              |                    |  |                                      |                             |   |   |   |   |              |                     |              |        |                       |             |                           |               |  |                     |            |                     |               |      |      |       |  |
| 9   |          |  |        |                              |                    |  |                                      |                             |   |   |   |   |              |                     |              |        |                       |             |                           |               |  |                     |            |                     |               |      |      |       |  |
| 10  |          |  |        |                              |                    |  |                                      |                             |   |   |   |   |              |                     |              |        |                       |             |                           |               |  |                     |            |                     |               |      |      |       |  |



|                          |
|--------------------------|
| ST2000                   |
| ST2000 with mosquito net |
| RL2000                   |
| RL2000 with mosquito net |
| OS2000                   |
| OS2000 with mosquito net |
| OL2000                   |
| OL2000 with mosquito net |
| IT2000                   |
| IT2000 with mosquito net |

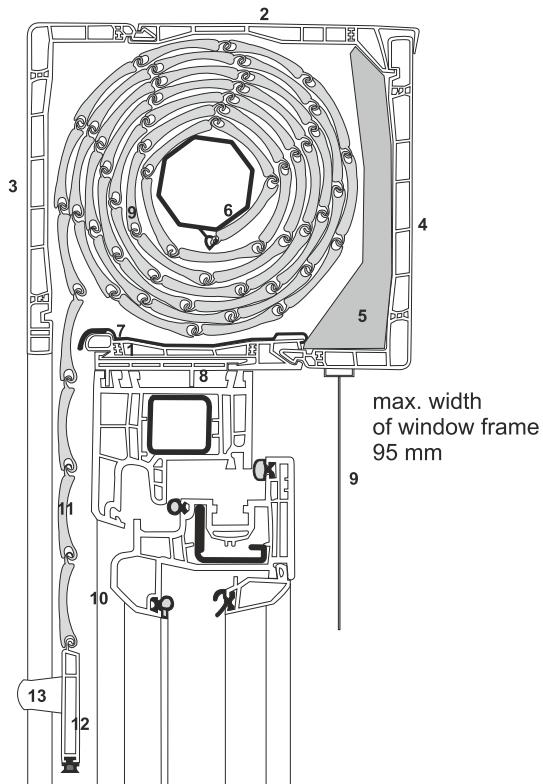
Notes/sketch/drawing (view from inside only)  
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Herrn/ Frau erkläre ich, dass ich die Personenbezogenen Daten der natürlichen Person zur Auftragsabwicklung auf der Grundlage der Einwilligung zur Verarbeitung der personenbezogenen Daten gem. der Verordnung (EU) 2016/679 des Europäischen Parlaments und des Rates vom 27. April 2016 übermittle.

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# **RECOMMENDED BOX SIZE FOR A GIVEN ROLLER SHUTTER HEIGHT**

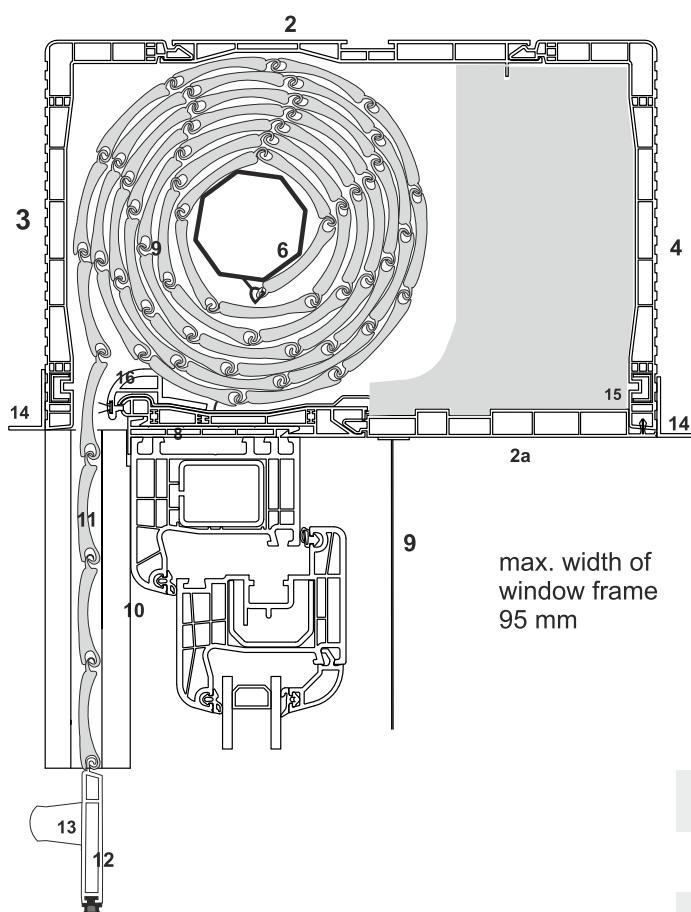
## TOP MOUNTED ROLLER SHUTTER PORTOS CC1000 - CROSS-SECTION



1. Case mounting profile – Rk2
2. Case connecting profile – Rk3
3. External hatch – RK4,RK5,RK6
4. Internal (inspection) hatch – RK4,RK5,RK6
5. Thermo-insulating input
6. Octagonal pipe
7. Steel reinforcement of the case
8. Adapting profile
9. Tape
10. Shutter guide with brush seal
11. Shutter profile filled with polyurethane foam
12. Bottom lath with rubber seal
13. Bottom lath buffer

| Case type | Case height | Case depth |
|-----------|-------------|------------|
| RV 100    | 135 mm      | 162 mm     |
| RV 200    | 160 mm      | 186 mm     |
| RV 300    | 200 mm      | 225 mm     |

## TOP MOUNTED ROLLER SHUTTER PORTOS TL1000 - CROSS-SECTION



1. Case mounting profile - RK2
2. Case connecting profile – PGL1, PGL2
- 2a. Inspection hatch – PKL1
3. External hatch - RK5,RK6
4. Internal (inspection) hatch – RKT5, RKT6
5. Thermo-insulating input
6. Octagonal pipe
7. Steel reinforcement of the case – RA10
8. Adapting profile
9. Tape
10. Shutter guide with brush seal
11. Shutter profile filled with polyurethane foam
12. Bottom lath with rubber seal
13. Bottom lath buffer
14. Concealed lath of the case
15. Steel reinforcement of the case – Ra2
16. Middle slider

| CASE TYPE | CASE HEIGHT | CASE DEPTH |
|-----------|-------------|------------|
| BPR-160   | 160 mm      | 253 mm     |
| BPR-200   | 200 mm      | 253 mm     |

# CC1000®

## PA-39, PA-45 – aluminium profile 39mm and 45mm (including end caps)

width 0,35 - 2m, max. surface 6,5m<sup>2</sup> | width 0,35 - 2,5m, max. surface 6,5m<sup>2</sup> | width 0,35 - 3m, max. surface 6,5m<sup>2</sup>

| BOX SIZE               | Maximum height of shutter(including the box size)/cm |   |  | Maximum height of shutter(including the box size)/cm |   |  | Maximum height of shutter(including the box size)/cm |   |  |
|------------------------|--|---|--|--|---|--|--|---|--|
|                        |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| PVC                    | PA-39<br>ø 40+PZ50                                   | PA-39<br>ø 40-rygiel                            | PA-39<br>ø 40-WB.                                | PA-39<br>ø 60+PZ70                                   | PA-39<br>ø 60-rygiel                            | PA-39<br>ø 60-WB                                 | PA-45<br>ø 60+PZ70                                   | PA-45<br>ø 60-rygiel                            | PA-45<br>ø 60-WB                                 |
| PSK-135<br>Size 135 mm | 136  | 132   | 116  | 118 (*)  | X   | X  | X  |   | X  |
| PSK-160<br>Size 160 mm | 202  | 198   | 202  | 194  | 190   | 163  | 138  |   | 129  |
| PSK-200<br>Size 200 mm | 319  | 319   | 311  | 311  | 307   | 272  | 241  |   | 219  |

## PCV-37 – PVC profile 37mm (including end caps - insert clips)

width 0,35 - 1,6m, max. surface 3m<sup>2</sup>

| BOX SIZE               | Maximum height of shutter(including the box size)/cm |   |  | Maximum height of shutter(including the box size)/cm |   |  |
|------------------------|--|---|--|--|---|--|
|                        |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| PCV                    | PCV-37<br>ø 40+PZ50                                  | PVC-37<br>ø 40-rygiel                           | PVC-37<br>ø 40-WB.                               | PVC-37<br>ø 60+PZ70                                  | PVC-37<br>ø 60-rygiel                           | PVC-37<br>ø 60-WB                                |
| PSK-135<br>Size 135 mm | 155  | X   | 133  | 117 (*)  | X   | X  |
| PSK-160<br>Size 160 mm | 233  | X   | 214  | 219  | X   | 192  |
| PSK-200<br>Size 200 mm | 384  | X   | 347  | 341  | X   | 325  |

Note! If the width of roller shutter exceeds 2m, pipe ø 60 is recommended.

(\*) there is no possibility of assembling a motor with NHK (emergency han crank) in case size 135 mm.

PZ- expansion ring from ø 40 on ø 50 or from ø 60 on ø 70.

## STANDARD

|                               |  |
|-------------------------------|--|
| Curtain                       | Available colours for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PVC 37 – no additional charge       |
| Bottom lath                   | silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23) |
|                               | Bottom lath buffer   |
|                               | Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2                                     |
| Tape roller                   | Possible length for white or brown colour -5mb (up to 240 cm height, up to 12kg)                                     |
| SUB RKZ66                     | Steel side handles   |
| End caps of the guides        | 1At a 5 degrees angle – charge free (according to the customer's wish)   |
| Cutting guides under an angle | Charge free – according to the customer's wish   |

## FOR ADDITIONAL CHARGE

|                         |  |           |
|-------------------------|--|-----------|
| Curtain                 | PA 39 steel anthracite DB703 (24)  | 5%        |
| Shutter box             | Enlargement of the shutter box   | 5%        |
| Bottom lath             | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27) | 5%        |
|                         | Powder coated: according to RAL Colour Chart   | 10%       |
| Guide                   | Veneering of the guide - Veneer Colour Chart and turnaround times – see page 2   | 8%        |
|                         | Guide extension  | 5€/rm     |
| Tape roller 11m         | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 6,25€/pc. |
| WSP RA-10               | Steel case reinforcement (exceeding 2m)  | 7€/rm     |
| PURS                    | PURS 10 x 2mm x 12,5mb expansion tape  | 6€/pc.    |
| External concealed lath | Colours: white (LT-02), light brown (LT-09), dark brown (LT-08), anthracite (LT-23)  | 2,50€/rm  |
| Case widening < 5,5 cm  | The service of the roller shutter case widening up to 5,5cm (side of the case made of white, 5mm-thick plexi)                        | 25€/pc.   |
| Case widening ≥ 5,5 cm  | The service of the roller shutter case widening from 5,5cm   | 25€/pc.   |

# TL1000®

## PA-39 and PA-45 curtain (including profile plugs)

width 0.35 - 2 m, max. area 6.5 m<sup>2</sup> | width 0.35 - 2.5 m, max. area 6.5 m<sup>2</sup> | width 0.35 - 3 m, max. area 6,5 m<sup>2</sup>

| Type of the box            | Max. height of the shutter with box |                                     |   | Max. height of the shutter with box |                                     |   | Max. height of the shutter with box |                                     |   |
|----------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|---|
|                            |                                     | with the use of automatic bolt (cm) | with the use of the blocking bracket (cm) |                                     | with the use of automatic bolt (cm) | with the use of the blocking bracket (cm) |                                     | with the use of automatic bolt (cm) | with the use of the blocking bracket (cm) |
| PVC                        | PA-39 ø 40+PZ50                     | PA-39 ø 40-rygiel                   | PA-39 ø 40-WB.                            | PA-39 ø 60+PZ70                     | PA-39 ø 60-rygiel                   | PA-39 ø 60-WB                             | PA-45 ø 60+PZ70                     | PA-45 ø 60-rygiel                   | PA-45 ø 60-WB                             |
| 160 mm                     | 202                                 | 198                                 | 202                                       | 194                                 | 190                                 | 156                                       | 138                                 |                                     | 129                                       |
| 200 mm                     | 319                                 | 319                                 | 311                                       | 311                                 | 307                                 | 272                                       | 241                                 |                                     | 219                                       |
| 200 mm+stabilizing console | 300                                 | 300                                 | 311                                       | 311                                 | 307                                 | 272                                       | 241                                 |                                     | 219                                       |
| 200 mm+stabilizing console | 210                                 | 210                                 | 214                                       | 195                                 | 195                                 | 199                                       | 167                                 |                                     | 153                                       |

Note! When using the KNS, KNS-WSP stabilizing console, it is necessary to decrease the values given in the recommended box sizes: at the width of 0 - 2m - by 30 cm, width of 2.01-2.5m - by 40 cm, width of 3m and max. area of 6.5 m<sup>2</sup> - by 30 cm (concerns box 160 mm, box 200 acc. table above).

## PVC-37 curtain (including profile plugs)

width from 0.35 m to 1.6 m, max. area. 3 m<sup>2</sup>

| Type of the box            | Max. height of the shutter with box |                                     |   | Max. height of the shutter with box |                                     |   |
|----------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|---|
|                            |                                     | with the use of automatic bolt (cm) | with the use of the blocking bracket (cm) |                                     | with the use of automatic bolt (cm) | with the use of the blocking bracket (cm) |
| PVC                        | PVC-37 ø 40+PZ50                    | PVC-37 ø 40-rygiel                  | PVC-37 ø 40-WB.                           | PVC-37 ø 60+PZ70                    | PVC-37 ø 60-rygiel                  | PVC-37 ø 60-WB                            |
| 160 mm                     | 233                                 | X                                   | 170                                       | 219                                 | X                                   | 192                                       |
| 200 mm                     | 384                                 | X                                   | 355                                       | 341                                 | X                                   | 321                                       |
| 200 mm+stabilizing console | 327                                 | X                                   | 327                                       | 315                                 | X                                   | 315                                       |
| 200 mm+stabilizing console | 201                                 | X                                   | 204                                       | 186                                 | X                                   | 186                                       |

Note! With the shutter width of more than 2 m, use ø 60. In addition, the box reinforcement - WSP is recommended for a width of more than 2 m. When using the reinforcement, values given in the tables should be reduced by 20 cm. For each shutter it is recommended to include SKM mounting anchors counting 40 cm from the side of the box, each subsequent anchor is installed every 50 cm. For shutters with a width of more than 1.80 m it is advisable to include stabilizing consoles. When using a stabilizing console, consider the smaller box sizes (concerns box 160 mm, box 200 acc. table above). PZ - expansion ring from ø 40 to ø 50 or from ø 60 to ø 70.

## STANDARD

|                               |  |
|-------------------------------|--|
| Curtain                       | Available colours for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PVC 37 – no additional charge       |
| Bottom lath                   | silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23) |
|                               | Bottom lath buffer   |
|                               | Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2                                     |
| Tape roller                   | Possible length for white or brown colour -5mb (up to 240 cm height, up to 12kg)                                     |
| SUB RKZ66                     | Steel side handles   |
| End caps of the guides        | At a 5 degrees angle – charge free (according to the customer's wish)  |
| Cutting guides under an angle | Charge free – according to the customer's wish   |

## FOR ADDITIONAL CHARGE

|                          |   |           |
|--------------------------|---|-----------|
| Curtain                  | PA 39 steel anthracite DB703 (24)   | 5%        |
| Shutter box              | Enlargement of the shutter box  | 5%        |
| Inspection hatch         | Veneering of the inspection hatch– Veneer Colour Chart and turnaround times – see page 2  | 3%        |
| Bottom lath              | Powder coated: dark beige(04), light grey(07), green(13), cream white (15), bordoux(19), black(20), steel olive(26), basalt grey (27)   | 5%        |
|                          | Powder coated: according to RAL Colour Chart  | 10%       |
| Guide                    | Veneering of the guides – Veneer Colour Chart and turnaround times – see page 2   | 8%        |
|                          | Guide extension   | 5€/m      |
| Tape roller 11m          | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)   | 6,25€/pc. |
| WSP RA-10                | Steel case reinforcement (exceeding 2m)   | 7€/pc.    |
| PURS                     | PURS 10 x 2mm x 12,5mb expansion tape   | 6€/pc.    |
| KNS - 160                | Stabilizing console for shutter box 160   | 15€/pc.   |
| KNS - 200                | Stabilizing console for shutter box 200   | 15€/pc.   |
| KNS - WSP - 160          | Stabilizing console for a shutter box 160, when WSP is used   | 15€/pc.   |
| KNSK - 200 WSP           | Stabilizing console for a shutter box 200, when WSP is used   | 15€/pc.   |
| SKM                      | Steel assembly anchor   | 0,50€/pc. |
| External concealed lath  | Colours: white (LT-02), light brown (LT-09), dark brown (LT-08), anthracite (LT-23)   | 2,50€/m   |
| Adapting profile RN-1 70 | Universal adapting profile with aluminium infill-white  | 5€/m      |
|                          | Universal adapting profile with aluminium infill-veneered: smooth anthracite (10), anthracite (12), mahogany (22), walnut (30), swamp oak (34), golden oak (48), Winchester (54), grey (99) | 6€/m      |
| Case widening < 5,5 cm   | The service of the roller shutter case widening up to 5,5cm (side of the case made of white, 5mm-thick plexi)   | 25€/pc.   |
| Case widening ≥ 5,5 cm   | The service of the roller shutter case widening from 5,5cm  | 25€/pc.   |

# TP1000K®

## PA-39, PA-45, 52 - aluminium profile 39mm, 45mm and 52mm (including end caps)

width 0,35 - 2m, max. surface 6,5m<sup>2</sup> width 0,35 - 2,5m, max. surface 6,5m<sup>2</sup> width 0,35 - 3m, max. surface 6,5m<sup>2</sup> width 0,35 - 3,7m<sub>2</sub>  
max. surface 8m<sup>2</sup>

| Box size                         | Maximumheight of shuttle (including the box size)/cm |  | Maximumheight of shuttle (including the box size)/cm |  | Maximumheight of shuttle (including the box size)/cm |  | Maximumheight of shuttle (including the box size)/cm |  | Maximumheight of shuttle (including the box size)/cm |  | Maximumheight of shuttle (including the box size)/cm |  |
|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
|                                  | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm |
| PVC                              | PA-39<br>ø 40+PZ50                                   | PA-39<br>ø 40-rygiel                             | PA-39<br>ø 40-WB.                                    | PA-39<br>ø 60+PZ70                               | PA-39<br>ø 60-rygiel                                 | PA-39<br>ø 60-WB                                 | PA-45<br>ø 60+PZ70                                   | PA-45<br>ø 60-rygiel                             | PA-45<br>ø 60-WB                                     | PA-52<br>ø 60+PZ70                               | PA-52<br>ø 60-rygiel                                 | PA-52<br>ø 60-WB                                 |
| <b>180 mm</b>                    | 236  | 232  | 230  | 212  | 200  | 216  | 169  | 169  | 169  | 132  | x  | 153  |
| <b>220 mm</b>                    | 349  | 340  | 349  | 328  | 298  | 298  | 255  | 255  | 255  | 212  | x  | 212  |
| <b>250 mm</b>                    | 418  | 418  | 418  | 402  | 402  | 402  | 334  | 334  | 334  | 239  | x  | 265  |
| 180 mm+konsola statyczna         | 169  | 165  | 177  | 158  | 154  | 142  | 129  | 129  | 120  | 101  | x  | 111  |
| 220 mm+konsola statyczna         | 302  | 302  | 302  | 290  | 290  | 290  | 255  | 255  | 245  | 212  | x  | 212  |
| 250 mm+konsola statyczna         | 418  | 418  | 418  | 402  | 402  | 402  | 334  | 334  | 334  | 239  | x  | 265  |
| 180 mm+dodatkową wkładką styrop. | 138  | 134  | 134  | 95   | 91   | 95   | 93   | 93   | 93   | 64   | x  | 76   |
| 220 mm+dodatkową wkładką styrop. | 250  | 250  | 250  | 212  | 204  | 204  | 173  | 173  | 173  | 170  | x  | 180  |
| 250 mm+dodatkową wkładką styrop. | 418  | 418  | 418  | 402  | 402  | 402  | 334  | 334  | 334  | 239  | x  | 265  |

## PVC-37, PVC-52 - PVC profile 37mm and 52mm (including end caps - insert clips)

width 0,35 - 1,6m, max. surface 3m<sup>2</sup>

width 0,35 - 1,6m, max. surface 4,3m<sup>2</sup>

| Box size                         | Maximumheight of shuttle (including the box size)/cm |  |   | Maximumheight of shuttle (including the box size)/cm |   |  | Maximumheight of shuttle (including the box size)/cm |  |   |  |                       |
|----------------------------------|--|--|---|--|---|--|--|--|---|--|-----------------------|
|                                  | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm     | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |                       |
| PVC                              | PVC-37<br>ø 40+PZ50                                  | PVC-37<br>ø 40-rygiel                            | PVC-37<br>ø 40-WB.                              | PVC-37<br>ø 60+PZ70                                  | PVC-37<br>ø 60-rygiel                           | PVC-37<br>ø 60-WB                                | PVC-52<br>ø 60+PZ70                                  | PVC-52<br>ø 60-rygiel                            | PVC-52<br>ø 60-WB                               | PVC-52<br>ø 60+PZ70                              | PVC-52<br>ø 60-rygiel |
| <b>180 mm</b>                    | 236  | x  | 236   | 217  | x   | 210  | 157  | x  | 161   |  |                       |
| <b>220 mm</b>                    | 360  | x  | 340   | 317  | x   | 325  | 212  | x  | 212   |  |                       |
| <b>250 mm</b>                    | 431  | x  | 443   | 420  | x   | 417  | 272  | x  | 261   |  |                       |
| 180 mm+konsola statyczna         | 165  | x  | 165   | 151  | x   | 151  | 119  | x  | 119   |  |                       |
| 220 mm+konsola statyczna         | 314  | x  | 329   | 270  | x   | 270  | 212  | x  | 212   |  |                       |
| 250 mm+konsola statyczna         | 431  | x  | 443   | 420  | x   | 417  | 272  | x  | 261   |  |                       |
| 180 mm+dodatkową wkładką styrop. | 132  | x  | 136   | 121  | x   | 114  | 67   | x  | 67  |  |                       |
| 220 mm+dodatkową wkładką styrop. | 240  | x  | 206   | 199  | x   | 195  | 170  | x  | 180   |  |                       |
| 250 mm+dodatkową wkładką styrop. | 431  | x  | 443   | 420  | x   | 417  | 272  | x  | 261   |  |                       |

# TP1000K®

## STANDARD

|                                |  |
|--------------------------------|--|
| Curtain                        | Available colours for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PA 52, PVC 37, PVC 52– no additional charge |
| Bottom lath                    | silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)         |
|                                | Bottom lath buffer   |
|                                | Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2   |
| Tape roller                    | Possible length for white or brown colour -5mb (up to 240 cm height, up to 12kg)   |
| NPS-011, NPS-010 adapter       | KLIK universal adapting profile (up to 180cm width) or slide profile (reinforced with aluminium input NPL-020)               |
| SUB NPT 56 mm                  | Steel side handles (NPT-140, NPT-040, NPT-150)   |
| NPW-065                        | Additional graphite insert for the box 180, 220, 250 without a mosquito net - free (upon the customer's request)             |
| NPW-140 L/P                    | Styrofoam inserts for the box sides 180  |
| NPW-090 L/P                    | Styrofoam inserts for the box sides 220  |
| NPW-160 L/P                    | Styrofoam inserts for the box sides 250  |
| End caps of the guides         | At a 5 degrees angle – charge free (according to the customer's wish)  |
| Cutting guides under the angle | Charge free – according to the customer's wish   |

## FOR ADDITIONAL CHARGE

|                                  |   |           |
|----------------------------------|---|-----------|
| Curtain                          | PA 39 steel anthracite DB703 (24)   | 5%        |
| Inspection hatch                 | Veneering of the inspection hatch– Veneer Colour Chart and turnaround times – see page 2  | 3%        |
| Bottom lath                      | Powder coated: dark beige(04), light grey(07), green(13), cream white (15), bordoux(19), black(20), steel olive(26), basalt grey (27) | 5%        |
|                                  | Powder coated: according to RAL Colour Chart  | 10%       |
| PVC NPR-020 guide                | Veneering of the guide – Veneer Colour Chart and turnaround times – see page 2  | 8%        |
| Guide                            | Guide extension   | 6€/rm     |
| Tape roller 11m                  | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)   | 6,25€/pc. |
| WSP GW / WSP GZ                  | Top steel reinforcement of the shutter box without a mosquito net, internal or external NPT-020                                       | 2€/rm     |
| WSP D                            | Bottom steel reinforcement of the shutter box without a mosquito net NPT-010  | 3,75€/rm  |
| PURS                             | PURS 10 x 2mm x 12,5mb expansion tape   | 6€/pc.    |
| External/internal concealed lath | Colours: white (NPL-010-02), light brown (NPL-020-09), dark brown (NPL-010-08), anthracite (NPL- 010-23)                              | 2,50€/rm  |
| SUB NPT 30 mm L/P                | Steel side handle (NPT-120, NPT-030, NPT-130)   | 11€/set   |
| SKM NPT-050                      | Steel assembly anchor   | 0,50€/pc. |
| ALU NPR-040 guide                | Powder coated: silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)   | 9,75€/rm  |
|                                  | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27)  | 12,25€/rm |
|                                  | Powder coated: according to RAL Colour Chart  | 14,75€/rm |
|                                  | veneering of the guides – Veneer Colour Chart and turnaround times – see page 2   | 13,25€/rm |
| NPD-090                          | Cap for the curtain channel in the guide NPR-010 and NPR-020 white  | 1,25€/rm  |
|                                  | Veneering of the cap for the curtain channel in the guide NPR-010 and NPR-020 (Veneer Colour Chart- see page 2)                       | 2,75€/rm  |
| NPD-080                          | Cap for the insect screen channel in the guide NPR-010 and NPR-030 white  | 1,25€/rm  |
|                                  | Veneering of the cap for the insect screen channel in the guide NPR-010 and NPR-020 (Veneer Colour Chart- see page 2)                 | 2,75€/rm  |
| NPD-010 L/P                      | End caps for the box sides 180 (available only in boxes without enlargement)  | 1,25€/set |
| NPD-020 L/P                      | End caps for the box sides 220 (available only in boxes without enlargement)  | 1,25€/set |
| NPD-030 L/P                      | End caps for the box sides 250 (available only in boxes without enlargement)  | 1,25€/set |
| NPD-110                          | End cap covering the front connection of two boxes 180  | 1€/pc     |
| NPD-150                          | End cap covering the front connection of two boxes 220  | 1€/pc.    |
| NPD-100                          | End cap covering the front connection of two boxes 250  | 1€/pc.    |
| NPD-120                          | End cap covering the bottom connection of two boxes 180, 250  | 0,75€/pc. |
| NPD 160                          | End cap covering the bottom connection of two boxes 220   | 0,75€/pc. |
| NPTK - 010                       | Stabilizing console for shutter box 220mm without the bottom reinforcement  | 15€/pc.   |
| NPTK - 020                       | Stabilizing console for shutter box 220mm with the bottom reinforcement   | 15€/pc.   |
| NPTK-030                         | Stabilizing console for 180 mm box without bottom reinforcement   | 15€/pc.   |
| NPTK-040                         | Stabilizing console for 180 mm box with bottom reinforcement  | 15€/pc.   |
| NPTK-050                         | Stabilizing console for 250 mm box without bottom reinforcement   | 15€/pc.   |
| NPTK-060                         | Stabilizing console for 250 mm box with bottom reinforcement  | 15€/pc.   |
| Case widening < 5,5cm            | The service of the roller shutter case widening up to 5,5cm (side of the case made of white, 5mm-thick plexi)                         | 25€/pc.   |
| Case widening ≥ 5,5cm            | The service of the roller shutter case widening from 5,5cm  | 25€/pc.   |
| PGS-31 B                         | Box enlargement 220/250 by 31 mm white  | 4€/rm     |
| PGS-31 B+D                       | Box enlargement 220/250 by 31 mm white + decor  | 4,75€/rm  |
| PGS-31 D                         | Box enlargement 220/250 by 31 mm decor  | 5,50€/rm  |
| PGS-62 B                         | Box enlargement 220/250 by 62 mm white  | 8€/rm     |
| PGS-62 B+D                       | Box enlargement 220/250 by 62 mm white + decor  | 9,50€/rm  |
| PGS-62 D                         | Box enlargement 220/250 by 62 mm decor  | 11€/rm    |

# TP1000K®

## WITH MOSQUITO NET

**PA-39, PA-45, 52 - aluminium profile 39mm, 45mm and 52mm (including end caps)**  
width 0,55 - 1,8m, max. surface 4,5m<sup>2</sup>

| Box size                         | Maximumheight of shuttle (including the box size)/cm |   |  | Maximumheight of shuttle (including the box size)/cm |   |  | Maximumheight of shuttle (including the box size)/cm |   |  |
|----------------------------------|--|---|--|--|---|--|--|---|--|
|                                  |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| PVC                              | PA-39<br>ø 40+PZ50                                   | PA-39<br>ø 40-rygiel                            | PA-39<br>ø 40-WB.                                | PA-39<br>ø 60+PZ70                                   | PA-39<br>ø 60-rygiel                            | PA-39<br>ø 60-WB                                 | PA-45<br>ø 60+PZ70                                   | PA-45<br>ø 60-rygiel                            | PA-45<br>ø 60-WB                                 |
| <b>180 mm</b>                    | 168  | 168   | 168  | 150  | 158   | 161  | 120  | 120   | 124  |
| <b>220 mm</b>                    | 230  | 212   | 212  | 212  | 204   | 204  | 173  | 173   | 137  |
| <b>250 mm</b>                    | 265  | 265   | 265  | 265  | 265   | 265  | 265  | 265   | 265  |
| 180 mm+konsola statyczna         | 168  | 168   | 168  | 150  | 158   | 161  | 120  | 120   | 124  |
| 220 mm+konsola statyczna         | 230  | 212   | 212  | 212  | 204   | 204  | 173  | 173   | 137  |
| 250 mm+konsola statyczna         | 265  | 265   | 265  | 265  | 265   | 265  | 265  | 265   | 265  |
| 180 mm+dodatkową wkładką styrop. | 168  | 168   | 168  | 150  | 158   | 161  | 120  | 120   | 124  |
| 220 mm+dodatkową wkładką styrop. | 230  | 212   | 212  | 212  | 204   | 204  | 173  | 173   | 137  |
| 250 mm+dodatkową wkładką styrop. | 265  | 265   | 265  | 265  | 265   | 265  | 265  | 265   | 265  |

**PVC-37, PVC-52 - PVC profile 37mm and 52mm (including end caps - insert clips)**  
width 0,55 - 1,6m, max. surface 3m<sup>2</sup>

| Box size                         | Maximumheight of shuttle (including the box size)/cm |   |  | Maximumheight of shuttle (including the box size)/cm |   |  |
|----------------------------------|--|---|--|--|---|--|
|                                  |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| PVC                              | PVC-37<br>ø 40+PZ50                                  | PVC-37<br>ø 40-rygiel                           | PVC-37<br>ø 40-WB.                               | PVC-37<br>ø 60+PZ70                                  | PVC-37<br>ø 60-rygiel                           | PVC-37<br>ø 60-WB                                |
| <b>180 mm</b>                    | 168  | x   | 168  | 168  | x   | 154  |
| <b>220 mm</b>                    | 230  | x   | 206  | 199  | x   | 195  |
| <b>250 mm</b>                    | 265  | x   | 265  | 265  | x   | 265  |
| 180 mm+konsola statyczna         | 168  | x   | 168  | 168  | x   | 154  |
| 220 mm+konsola statyczna         | 230  | x   | 206  | 199  | x   | 195  |
| 250 mm+konsola statyczna         | 265  | x   | 265  | 253  | x   | 265  |
| 180 mm+dodatkową wkładką styrop. | 168  | x   | 168  | 168  | x   | 154  |
| 220 mm+dodatkową wkładką styrop. | 230  | x   | 206  | 199  | x   | 195  |
| 250 mm+dodatkową wkładką styrop. | 265  | x   | 265  | 265  | x   | 265  |

# TP1000K®

## WITH MOSQUITO NET

### STANDARD

|                                       |  |
|---------------------------------------|--|
| <b>Curtain</b>                        | Available colours for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PVC 37-no additional charge         |
| <b>Bottom lath</b>                    | silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23) |
| <b>Bottom lath buffer</b>             |  |
|                                       | Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2                                     |
| <b>Tape roller</b>                    | Possible length for white or brown colour -5mb (up to 240 cm height, up to 12kg)                                     |
| <b>NPS-011, NPS-010 adapter</b>       | KLIK universal adapting profile (up to 180cm width) or slide profile (reinforced with aluminium input NPL-020)       |
| <b>SUB NPT 56 mm</b>                  | Steel side handles (NPT-140, NPT-040, NPT-150)   |
| <b>NPW-075</b>                        | Additional graphite insert for the box 180, 220, 250 with a mosquito net - free (upon the customer's request)        |
| <b>NPW-150L/P</b>                     | Styrofoam inserts for the box sides 180 with a mosquito net  |
| <b>NPW-100L/P</b>                     | Styrofoam inserts for the box sides 220 with a mosquito net  |
| <b>NPW-170L/P</b>                     | Styrofoam inserts for the box sides 250 with a mosquito net  |
| <b>End caps of the guides</b>         | At a 5 degrees angle – charge free (according to the customer's wish)  |
| <b>Cutting guides under the angle</b> | Charge free – according to the customer's wish   |

### FOR ADDITIONAL CHARGE

|   |  |           |
|---|--|-----------|
| <b>Curtain</b>                              | PA 39 steel anthracite DB703 (24)  | 5%        |
| <b>Inspection hatch</b>                     | Veneering of the inspection hatch- Veneer Colour Chart and turnaround times – see page 2   | 3%        |
| <b>Bottom lath</b>                          | Powder coated: dark beige(04), light grey(07), green(13), cream white (15), bordoux(19), black(20), steel olive(26), basalt grey (27)  | 5%        |
|   | Powder coated: according to RAL Colour Chart   | 10%       |
| <b>PCV NPR-020 guide</b>                    | Veneering of the guide – Veneer Colour Chart and turnaround times – see page 2   | 8%        |
| <b>Guide</b>                                | Guide extension  | 6€/rm     |
| <b>Tape roller 11m</b>                      | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 6,25€/pc. |
| <b>WSP GW / WSP GZ / WSP DM</b>             | Top steel reinforcement of the shutter box without a mosquito net, internal or external NPT-020  | 2€/rm     |
| <b>PURS</b>                                 | PURS 10 x 2mm x 12,5mb expansion tape  | 6€/pc.    |
| <b>External/internal concealed lath</b>     | Colours: white (NPL-010-02), light brown (NPL-020-09), dark brown (NPL-010-08), anthracite (NPL- 010-23)   | 2,50€/rm  |
| <b>SUB NPT 30 mm L/P</b>                    | Steel side handle (NPT-120, NPT-030, NPT-130)  | 11€/set   |
| <b>SKM NPT-050</b>                          | Steel assembly anchor  | 0,50€/pc. |
|   | Powder coated: silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)  | 13,50€/rm |
| <b>ALU guide for a mosquito net NPR-050</b> | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27)   | 16€/rm    |
|   | Powder coated: according to RAL Colour Chart   | 18,50€/rm |
|   | Veneering of the guides – Veneer Colour Chart and turnaround times – see page 2  | 17,50€/rm |
| <b>NPD-090</b>                              | Cap for the curtain channel in the guide NPR-010 and NPR-020 white   | 1,25€/rm  |
|   | Veneering of the cap for the curtain channel in the guide NPR-010 and NPR-020 (Veneer Colour Chart- see page 2)  | 2,75€/rm  |
| <b>NPD-080</b>                              | Cap for the insect screen channel in the guide NPR-010 and NPR-030 white   | 1,25€/rm  |
|   | Veneering of the cap for the insect screen channel in the guide NPR-010 and NPR-030 (Veneer Colour Chart- see page 2)  | 2,75€/rm  |
| <b>NPD-010 L/P</b>                          | End caps for the box sides 180 (available only in boxes without enlargement)   | 1,25€/set |
| <b>NPD-020 L/P</b>                          | End caps for the box sides 220 (available only in boxes without enlargement)   | 1,25€/set |
| <b>NPD-030 L/P</b>                          | End caps for the box sides 250 (available only in boxes without enlargement)   | 1,25€/set |
| <b>NPD-110</b>                              | End cap covering the front connection of two boxes 180   | 1€/pc.    |
| <b>NPD-150</b>                              | End cap covering the front connection of two boxes 220   | 1€/pc.    |
| <b>NPD-100</b>                              | End cap covering the front connection of two boxes 250   | 1€/pc.    |
| <b>NPD 120</b>                              | End cap covering the bottom connection of two boxes 180, 250   | 0,75€/pc. |
| <b>NPD-160</b>                              | End cap covering the bottom connection of two boxes 220  | 0,75€/pc. |
| <b>NPTK - 010</b>                           | Stabilizing console for shutter box 220mm without the bottom reinforcement   | 15€/pc.   |
| <b>NPTK - 020</b>                           | Stabilizing console for shutter box 220mm with the bottom reinforcement  | 15€/pc.   |
| <b>NPTK-030</b>                             | Stabilizing console for 180 mm box without bottom reinforcement  | 15€/pc.   |
| <b>NPTK-040</b>                             | Stabilizing console for 180 mm box with bottom reinforcement   | 15€/pc.   |
| <b>NPTK-050</b>                             | Stabilizing console for 250 mm box without bottom reinforcement  | 15€/pc.   |
| <b>NPTK-060</b>                             | Stabilizing console for 250 mm box with bottom reinforcement   | 15€/pc.   |
| <b>Mosquito-net</b>                         | Mesh colours: grey (03), black (20). Colours for bottom lath of mosquito-net: silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23) | 70€/pc.   |
| <b>Bottom lath of mosquito net</b>          | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey(27)  | 5%        |
|   | Powder coated: according to RAL Colour Chart   | 10%       |
| <b>Case widening &lt; 5,5cm</b>             | The service of the roller shutter case widening up to 5,5cm (side of the case made of white, 5mm-thick plexi)  | 25€/pc.   |
| <b>Case widening ≥ 5,5cm</b>                | The service of the roller shutter case widening from 5,5cm   | 25€/pc.   |
| <b>PGS-31 B</b>                             | Box enlargement 220/250 by 31 mm white   | 4€/rm     |
| <b>PGS-31 B+D</b>                           | Box enlargement 220/250 by 31 mm white + decor   | 4,75€/rm  |
| <b>PGS-31 D</b>                             | Box enlargement 220/250 by 31 mm decor   | 5,50€/rm  |
| <b>PGS-62 B</b>                             | Box enlargement 220/250 by 62 mm white   | 8€/rm     |
| <b>PGS-62 B+D</b>                           | Box enlargement 220/250 by 62 mm white + decor   | 9,50€/rm  |
| <b>PGS-62 D</b>                             | Box enlargement 220/250 by 62 mm decor   | 11€/rm    |

# MX1200®

## PA-39, PA-45 – aluminium profile 39mm and 45mm (including end caps)

width 0,35 - 2m, max. surface 6,5m<sup>2</sup> width 0,35 - 2,5m, max. surface 6,5m<sup>2</sup> width 0,35 - 3m, max. surface 6,5m<sup>2</sup>

| Box size                                | Maximumheight of shuttle (including the box size)/cm |  |   | Maximumheight of shuttle (including the box size)/cm |  |   | Maximumheight of shuttle (including the box size)/cm |  |   |
|---|--|--|---|--|--|---|--|--|---|
|   |  | with automatic bolt (including the case size)/cm | with blocking hanger (including the case size)/cm |  | with automatic bolt (including the case size)/cm | with blocking hanger (including the case size)/cm |  | with automatic bolt (including the case size)/cm | with blocking hanger (including the case size)/cm |
| PVC                                     | PA 39<br>ø 40+PZ50                                   | PA 39<br>ø 40-rygiel                             | PA 39<br>ø 40-WB.                                 | PA 39<br>ø 60+PZ70                                   | PA 39<br>ø 60-rygiel                             | PA 39<br>ø 60-WB                                  | PA 45<br>ø 60+PZ70                                   | PA 45<br>ø 60-rygiel                             | PA 45<br>ø 60-WB                                  |
| 160 mm                                  | 202  | 198  | 202   | 194  | 190  | 187   | 163  | 163  | 158   |
| 160 mm z konsolą statyczną              | 198  | 198  | 195   | 187  | 175  | 187   | 136  | 136  | 140   |
| 160 mm z dodatkową wkładką styropianową | 101  | 101  | 101   | 85   | 85   | 81  | 59   | 59   | 59  |
| 200 mm                                  | 343  | 335  | 347   | 344  | 344  | 339   | 279  | 279  | 270   |
| 200 mm z konsolą statyczną              | 300  | 300  | 339   | 331  | 331  | 316   | 226  | 226  | 226   |
| 200 mm z dodatkową wkładką styropianową | 206  | 206  | 206   | 195  | 195  | 195   | 162  | 162  | 153   |

## Pancerz PVC 37 (aretowany)

szer. 0,35 - 1,6 m, max. pow. 3 m<sup>2</sup>

| Box size                                | Maximumheight of shuttle (including the box size)/cm |  |   | Maximumheight of shuttle (including the box size)/cm |  |   |
|---|--|--|---|--|--|---|
|   |  | with automatic bolt (including the case size)/cm | with blocking hanger (including the case size)/cm |  | with automatic bolt (including the case size)/cm | with blocking hanger (including the case size)/cm |
| PVC                                     | PVC 37<br>ø 40+PZ50                                  | PVC 37<br>ø 40-rygiel                            | PVC 37<br>ø 40-WB.                                | PVC 37<br>ø 60+PZ70                                  | PVC 37<br>ø 60-rygiel                            | PVC 37<br>ø 60-WB                                 |
| 160 mm                                  | 228  | x  | 215   | 193  | x  | 200   |
| 160 mm z konsolą statyczną              | 193  | x  | 193   | 182  | x  | 182   |
| 160 mm z dodatkową wkładką styropianową | 101  | x  | 101   | 82   | x  | 82  |
| 200 mm                                  | 360  | x  | 360   | 330  | x  | 327   |
| 200 mm z konsolą statyczną              | 327  | x  | 327   | 315  | x  | 315   |
| 200 mm z dodatkową wkładką styropianową | 197  | x  | 197   | 186  | x  | 186   |

Note! If the width of roller shutter exceeds 2m, pipe ø 60 is recommended. Additionally, a case reinforcement (WSP) is recommended. If you decide to put a WSP reinforcement in case construction, the figures presented in the above table must be reduced by 20cm.

PZ- expansion ring from ø 40 on ø 50 or from ø 60 on ø 70.

## STANDARD

|                               |  |
|-------------------------------|--|
| Curtain                       | Available colours for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PVC 37 – no additional charge       |
| Bottom lath                   | silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23) |
|                               | Bottom lath buffer   |
|                               | Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2                                     |
| Tape roller                   | Possible length for white or brown colour -5mb (up to 240 cm height, up to 12kg)                                     |
| Adapter NRS-010, NRS-110      | Adaptation profile universal   |
| SUB                           | Steel side handles (NRT-020 L/R., NRT-030, NRT-040 L/R (depending on the box)  |
| Guide bottom end caps         | Guide bottom end caps inclined at an angle of 5° - free of charge (upon the customer's request)                      |
| Cutting guides under an angle | Charge free – according to the customer's wish   |
| Side end caps                 | NRD-020 side end caps for the box 160mm / NRD-030 for the box 200mm  |

## FOR ADDITIONAL CHARGE

|                         |   |            |
|-------------------------|---|------------|
| Curtain                 | PA 39 steel anthracite DB703 (24)   | 5%         |
| hutter box              | Enlargement of the shutter box  | 5%         |
| Bottom lath             | Powder coated: dark beige(04), light grey(07), green(13), cream white (15), bordoux(19), black(20), steel olive(26), basalt grey (27) | 5%         |
|                         | Powder coated: according to RAL Colour Chart  | 10%        |
| Guide                   | veneering of the guides – Veneer Colour Chart and turnaround times – see page 2   | 8%         |
| Tape roller 11m         | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)   | 6,25€/pc.  |
| SKM NPT-050             | Steel assembly anchor   | 0,50€/pc.  |
| NRW-040/080/050         | Bottom styrofoam insert for the box 160, 200, 200 with a handle   | 4€/m       |
| NRTK-010                | Stabilizing console for a shutter box 160   | 12,50€/pc. |
| NRTK-030                | Stabilizing console for a shutter box 200   | 12,50€/pc. |
| External concealed lath | External concealed lath - white (LT-02), light brown (LT-09), dark brown (LT-08), anthracite (LT-23)                                  | 2,50€/m    |
| PURS                    | PURS 10 x 2mm x 12,5mb expansion tape   | 6€/pc.     |

# ST2000®

## PA-39, PA-45, PA-52 – aluminium profile 39mm, 45mm and 52 mm (including end caps)

|             | width 0,35 - 2m, max. surface 6,5m <sup>2</sup> |  |   | width 0,35 - 2,5m, max. surface 6,5m <sup>2</sup> |  |   | width 0,35 - 3m, max. surface 6,5m <sup>2</sup> |  |   | width 0,35 - 3,7m,<br>max. surface 8m <sup>2</sup> |   |  |
|-------------|---|--|---|---|--|---|---|--|---|--|---|--|
| BOX<br>SIZE | Maximum<br>height<br>of<br>shutter              |  |   | Maximum<br>height<br>of<br>shutter                |  |   | Maximum<br>height<br>of<br>shutter              |  |   | Maximum<br>height<br>of<br>shutter                 |   |  |
|             |   | with<br>automatic<br>bolt (including<br>the box size)/cm | with<br>blocking hanger<br>(including the<br>box size)/cm |   | with<br>automatic<br>bolt (including<br>the box size)/cm | with<br>blocking hanger<br>(including the<br>box size)/cm |   | with<br>automatic<br>bolt (including<br>the box size)/cm | with<br>blocking hanger<br>(including the<br>box size)/cm |  | with<br>blocking hanger<br>(including the<br>box size)/cm |  |
| ALUMINIUM   | PA-39<br>ø 40+PZ50                              | PA-39<br>ø 40-rygiel                                     | PA-39<br>ø 40-WB  | PA-39<br>ø 60+PZ70                                | PA-39<br>ø 60-rygiel                                     | PA-39<br>ø 60-WB  | PA-45<br>ø 60+PZ70                              | PA-45<br>ø 60-rygiel                                     | PA-45<br>ø 60-WB  | PA-52<br>ø 60+PZ70                                 | PA-52<br>ø 60-WB  |  |
| SK-137      | 152   | 152  | 142   | 126   | 126  | X   |   | X  | X   | X  | X   |  |
| SK-150      | 197   | 197  | 186   | 182   | 182  | 151   |   | 126  | 121   | X  | X   |  |
| SK-165      | 250   | 250  | 242   | 236   | 236  | 199   |   | 163  | 168   | 138  | 120   |  |
| SK-180      | 306   | 306  | 310   | 294   | 294  | 282   |   | 214  | 214   | 196  | 190   |  |
| SK-205      | 394   | 394  | 402   | 398   | 398  | 359   |   | 294  | 294   | 270  | 260   |  |

## PCV-37, PCV 52– PVC profile 37mm and 52mm (including end caps - insert clips)

|             | width 0,35 - 1,6m, max. surface 3m <sup>2</sup> |  |   | width 0,35 - 1,6m, max. surface 4,3m <sup>2</sup> |  |   |                                    |  |   |
|-------------|---|--|---|---|--|---|------------------------------------|--|---|
| BOX<br>SIZE | Maximum<br>height<br>of<br>shutter              |  |   | Maximum<br>height<br>of<br>shutter                |  |   | Maximum<br>height<br>of<br>shutter |  |   |
|             |   | with<br>automatic<br>bolt (including<br>the box size)/cm | with<br>blocking hanger<br>(including the<br>box size)/cm |   | with<br>automatic<br>bolt (including<br>the box size)/cm | with<br>blocking hanger<br>(including the<br>box size)/cm |                                    | with<br>automatic<br>bolt (including<br>the box size)/cm | with<br>blocking hanger<br>(including the<br>box size)/cm |
| ALUMINIUM   | PVC-37<br>ø 40+PZ50                             | PVC-37<br>ø 40-rygiel                                    | PVC-37<br>ø 40-WB   | PVC-37<br>ø 60+PZ70                               | PVC-37<br>ø 60-rygiel                                    | PVC-37<br>ø 60-WB   | PVC-52<br>ø 60+PZ70                | PVC-52<br>ø 60-rygiel                                    | PVC-52<br>ø 60-WB   |
| SK-137      | 165   | X  | 146   | 154   | X  | 128   | X                                  | X  | X   |
| SK-150      | 222   | X  | 225   | 188   | X  | 159   | 127                                | X  | X   |
| SK-165      | 279   | X  | 338   | 234   | X  | 227   | 159                                | X  | 175   |
| SK-180      | 343   | X  | 354   | 302   | X  | 302   | 197                                | X  | 208   |
| SK-205      | 386   | X  | 368   | 383   | X  | 368   | 272                                | X  | 319   |

Note! If the width of roller shutter exceeds 2m, pipe ø 60 is recommended.

PZ- expansion ring from ø 40 on ø 50 or from ø 60 on ø 70

### STANDARD

|                             |   |
|-----------------------------|---|
| Shutter box                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| Guide                       | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| Curtain                     | Colours available for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PA 52, PVC 37, PVC 52 – no additional charge |
| Bottom lath                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
|                             | Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2  |
| Tape roller                 | Possible length for white or brown colour -5mb (up to 240 cm height, up to 12kg)  |
| Hole drilling in the guides | Charge free – according to the customer's wish  |

### FOR ADDITIONAL CHARGE

|   |  |   |
|---|--|---|
| Shutter box   | Enlargement of the shutter box   | 5%  |
|   | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27)               | 15%   |
|   | Powder coated: according to RAL Colour Chart   | 30%   |
| Guide   | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27)               | 10%   |
|   | Powder coated: according to RAL Colour Chart   | 20%   |
|   | One-sided veneering of the guides – Veneer Colour Chart and turnaround times – see page 2  | 10%   |
|   | Guide extension  | 6,25€/m   |
| Curtain   | PA 39 steel anthracite DB703 (24)  | 5%  |
| Bottom lath   | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27)               | 5%  |
|   | Powder coated: according to RAL Colour Chart   | 10%   |
| Roller shutter Decor- colours:<br>22-mahogany, 30-walnut,<br>48-golden oak, 54-winchester<br>Available shutter box sizes:<br>137mm, 165mm, 205mm) | Powder coated shutter box + veneered guides + Powder coated box sides<br>RAL: 8017 - mahogany, 8028 - walnut, 8003 - golden oak, 1011 - winchester | 10%   |
|   | Powder coated shutter box + veneered guides + decor box sides<br>22 - mahogany, 30 - walnut, 48 - golden oak, 54 - winchester                      | 17%   |
|   | Tape roller 11m  | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown) 6,25€/pc. |
| Cord coiler up to 5m SEL  | SELVE cord coiler to 240cm (according to the customer's wish – white or brown)   | 5€/pc.  |
| Cord coiler up to 11m   | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 9€/pc.  |

# ST2000®

## WITH MOSQUITO NET

**PA-39, PA-45 – aluminium profile 39mm and 45mm (including end caps)**

width 0,55 - 1,8m, max. surface 4,5m<sup>2</sup>

| BOX SIZE  | Maximum height of shutter |   |  | Maximum height of shutter |   |  | Maximum height of shutter |   |  |
|-----------|---------------------------|---|--|---------------------------|---|--|---------------------------|---|--|
|           |                           | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |                           | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |                           | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| ALUMINIUM | PA-39<br>ø 40+PZ50        | PA-39<br>ø 40-rygiel                            | PA-39<br>ø 40-WB                                 | PA-39<br>ø 60+PZ70        | PA-39<br>ø 60-rygiel                            | PA-39<br>ø 60-WB                                 | PA-45<br>ø 60+PZ70        | PA-45<br>ø 60-rygiel                            | PA-45<br>ø 60-WB                                 |
| SK-137    | X                         | X   | X  | X                         | X   | X  | X                         | X   | X  |
| SK-165    | 176                       | 179   | 144  | 156                       | 156   | 121  | X                         | X   | X  |
| SK-180    | 224                       | 228   | 216  | 200                       | 200   | 200  | X                         | X   | X  |
| SK-205    | 250                       | 250   | 250  | 250                       | 250   | 250  | 250                       | 250   | 250  |

**PCV-37 ( including end caps - insert clips)**

width 0,55 - 1,6m, max. surface 3m<sup>2</sup>

| BOX SIZE  | Maximum height of shutter |   |  | Maximum height of shutter |   |  |
|-----------|---------------------------|---|--|---------------------------|---|--|
|           |                           | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |                           | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| ALUMINIUM | PVC-37<br>ø 40+PZ50       | PVC-37<br>ø 40-rygiel                           | PVC-37<br>ø 40-WB                                | PVC-37<br>ø 60+PZ70       | PVC-37<br>ø 60-rygiel                           | PVC-37<br>ø 60-WB                                |
| SK-137    | X                         | X   | X  | X                         | X   | X  |
| SK-165    | 168                       | X   | X  | 146                       | X   | X  |
| SK-180    | 247                       | X   | X  | 226                       | X   | X  |
| SK-205    | 250                       | X   | X  | 250                       | X   | X  |

If the width of roller shutter exceeds 2m (for rollers shutters with sections) pipe ø 60 is recommended.

PZ- expansion ring from ø 40 on ø 50 or from ø 60 on ø 70

### STANDARD

|                                    |   |
|------------------------------------|---|
| <b>Shutter box</b>                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| <b>Guide</b>                       | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| <b>Curtain</b>                     | Colours available for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PA 52, PVC 37, PVC 52 – no additional charge |
| <b>Bottom lath</b>                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
|                                    | Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2  |
| <b>Tape roller</b>                 | Possible length for white and brown colour -5mb (up to 240 cm height, up to 12kg)   |
| <b>Hole drilling in the guides</b> | Charge free – according to the customer's wish  |

### FOR ADDITIONAL CHARGE

|  |  |           |
|--|--|-----------|
| <b>Shutter box</b>   | Enlargement of the shutter box   | 5%        |
|  | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27)   | 15%       |
|  | Powder coated: according to RAL Colour Chart   | 30%       |
| <b>Guide</b>   | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27)   | 10%       |
|  | Powder coated: according to RAL Colour Chart   | 20%       |
|  | One-sided veneering of the guides - Veneer Colour Chart and turnaround times - see page 2  | 10%       |
|  | Guide extension  | 6,25€/rm  |
| <b>Curtain</b>   | PA 39 steel anthracite DB703 (24)  | 5%        |
| <b>Bottom lath</b>   | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27)   | 5%        |
|  | Powder coated: according to RAL Colour Chart   | 10%       |
| <b>Roller shutter Decor- colours:</b><br><b>22-mahogany, 30-walnut,</b><br><b>48-golden oak, 54-winchester</b><br><b>Available shutter box sizes:</b><br><b>137mm, 165mm, 205mm)</b> | Powder coated shutter box + veneered guides + Powder coated box sides  | 10%       |
|  | RAL: 8017 - mahogany, 8028 - walnut, 8003 - golden oak, 1011 - winchester  |           |
|  | Powder coated shutter box + veneered guides + decor box sides<br>22 - mahogany, 30 - walnut, 48 - golden oak, 54 - winchester  | 17%       |
| <b>Tape roller 11m</b>   | Refers to roller shutters exceeding 240cm (according to the customer's wish - white or brown)  | 6,25€/pc. |
| <b>Cord coiler up to 5m SEL</b>  | SELVE cord coiler to 240cm (according to the customer's wish - white or brown)   | 5€/pc.    |
| <b>Cord coiler up to 11m</b>   | Refers to roller shutters exceeding 240cm (according to the customer's wish - white or brown)  | 9€/pc.    |
| <b>Mosquito-net</b>  | Mesh colours: grey (03), black (20). Colours for bottom lath of mosquito-net: silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23) | 70€/pc.   |
| <b>Bottom lath of mosquito net</b>   | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey (27)  | 5%        |
|  | Powder coated: according to RAL Colour Chart   | 10%       |

# RL2000®

## PA-39, PA-45 – aluminium profile 39mm and 45mm (including end caps)

| Box size  | width 0,35 - 2m, max. surface 6,5m <sup>2</sup> |  |                  | width 0,35 - 2,5m, max. surface 6,5m <sup>2</sup> |  |                  | width 0,35 - 3m, max. surface 6,5m <sup>2</sup> |  |                  |
|-----------|---|--|------------------|---|--|------------------|---|--|------------------|
|           |   | Maximum height of shutter(including the box size)/cm |                  |   | Maximum height of shutter(including the box size)/cm |                  |   | Maximum height of shutter(including the box size)/cm |                  |
| ALUMINIUM | PA-39<br>ø 40+PZ50                              | PA-39<br>ø 40-rygiel                                 | PA-39<br>ø 40-WB | PA-39<br>ø 60+PZ70                                | PA-39<br>ø 60-rygiel                                 | PA-39<br>ø 60-WB | PA-45<br>ø 60+PZ70                              | PA-45<br>ø 60-rygiel                                 | PA-45<br>ø 60-WB |
| SK-150    | 197   | 197  | 194              | 182   | 182  | 151              | 126   | 121  |                  |
| SK-180    | 286   | 286  | 298              | 294   | 302  | 267              | 214   | 214  |                  |
| SK-205    | 394   | 394  | 402              | 398   | 410  | 359              | 294   | 294  |                  |

## PCV-37, PCV 52– PVC profile 37mm and 52mm (including end caps - insert clips)

width 0,35 - 1,6m, max. surface 3m<sup>2</sup>

| Box size  | Maximum height of shutter(including the box size)/cm |   |  | Maximum height of shutter(including the box size)/cm |   |  |
|-----------|--|---|--|--|---|--|
|           |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| ALUMINIUM | PVC-37<br>ø 40+PZ50                                  | PVC-37<br>ø 40-rygiel                           | PVC-37<br>ø 40-WB                                | PVC-37<br>ø 60+PZ70                                  | PVC-37<br>ø 60-rygiel                           | PVC-37<br>ø 60-WB                                |
| SK-150    | 222  | X   | 225  | 188  | X   | 159  |
| SK-180    | 343  | X   | 354  | 302  | X   | 302  |
| SK-205    | 386  | X   | 368  | 383  | X   | 368  |

If the width of roller shutter exceeds 2m, pipe ø 60 is recommended.

PZ- expansion ring from ø 40 on ø 50 or from ø 60 on ø 70.

### STANDARD

|                             |   |
|-----------------------------|---|
| Shutter box                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| Guide                       | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| Bottom lath                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
|                             | Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2  |
| Curtain                     | Colours available for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PA 52, PVC 37, PVC 52 – no additional charge |
| Tape roller                 | Possible length for white or brown colour -5mb (up to 240 cm height, up to 12kg)  |
| Hole drilling in the guides | Charge free – according to the customer's wish  |

### FOR ADDITIONAL CHARGE

|                          |   |           |
|--------------------------|---|-----------|
| Shutter box              | Enlargement of the shutter box  | 5%        |
|                          | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27)  | 15%       |
|                          | Powder coated: according to RAL Colour Chart  | 30%       |
| Guide                    | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27)  | 10%       |
|                          | Powder coated: according to RAL Colour Chart  | 20%       |
|                          | One-sided veneering of the guides – Veneer Colour Chart and turnaround times – see page 2   | 10%       |
|                          | Guide extension   | 6,25€/rm  |
| Cap for aluminium guides | N/PPDO-53 single, powder coated silver(01),white(02),grey(03),light beige(05),dark brown(08),light brown(09),ivory(16),anthracite(23) | 3,25€/rm  |
|                          | N/PPDO-79 double, powder coated silver(01),white(02),grey(03),light beige(05),dark brown(08),light brown(09),ivory(16),anthracite(23) | 5,25€/rm  |
|                          | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey (27) | 10%       |
|                          | Powder coated: according to RAL Colour Chart  | 20%       |
| PZO                      | Mounting plate for oval guide cap   | 0,30€/pc. |
| Bottom lath              | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey (27) | 5%        |
|                          | Powder coated: according to RAL Colour Chart  | 10%       |
| Curtain                  | PA 39 steel anthracite DB703 (24)   | 5%        |
| Tape roller 11m          | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)   | 6,25€/pc. |
| Cord coiler up to 5m SEL | SELVE cord coiler to 240cm (according to the customer's wish – white or brown)  | 5€/pc.    |
| Cord coiler up to 11m    | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)   | 9€/pc.    |

# RL2000®

## WITH MOSQUITO NET

### PA-39, PA-45 – aluminium profile 39mm and 45mm (including end caps)

width 0,55 - 1,8m, max. surface 4,5m<sup>2</sup>

| Box size  | Maximumheight of shutter(including the box size)/cm |  |   | Maximumheight of shutter(including the box size)/cm |   |  | Maximumheight of shutter(including the box size)/cm |  |   |
|-----------|---|--|---|---|---|--|---|--|---|
|           | with automatic bolt (including the box size)/cm     | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm    | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm     | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm |
| ALUMINIUM | PA-39<br>ø 40+PZ50                                  | PA-39<br>ø 40-rygiel                             | PA-39<br>ø 40-WB                                | PA-39<br>ø 60+PZ70                                  | PA-39<br>ø 60-rygiel                            | PA-39<br>ø 60-WB                                 | PA-45<br>ø 60+PZ70                                  | PA-45<br>ø 60-rygiel                             | PA-45<br>ø 60-WB                                |
| SK-150    | 108   | 108  | 108   | X   | X   | X  | X   | X  | X   |
| SK-180    | 224   | 224  | 216   | 200   | 200   | 200  | X   | X  | X   |
| SK-205    | 250   | 250  | 250   | 250   | 250   | 250  | 250   | 250  | 250   |

### PCV-37– PVC profile 37mm (including end caps - insert clips)

width 0,55 - 1,6m, max. surface 3m<sup>2</sup>

| Box size  | Maximumheight of shutter(including the box size)/cm |  |   | Maximumheight of shutter(including the box size)/cm |   |  |
|-----------|---|--|---|---|---|--|
|           | with automatic bolt (including the box size)/cm     | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm    | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| ALUMINIUM | PVC-37<br>ø 40+PZ50                                 | PVC-37<br>ø 40-rygiel                            | PVC-37<br>ø 40-WB                               | PVC-37<br>ø 60+PZ70                                 | PVC-37<br>ø 60-rygiel                           | PVC-37<br>ø 60-WB                                |
| SK-150    | 111   | X  | X   | X   | X   | X  |
| SK-180    | 247   | X  | X   | 226   | X   | X  |
| SK-205    | 250   | X  | X   | 250   | X   | X  |

If the width of roller shutter exceeds 2m, pipe ø 60 is recommended.

PZ- expansion ring from ø 40 on ø 50 or from ø 60 on ø 70.

### STANDARD

|                             |   |
|-----------------------------|---|
| Shutter box                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| Guide                       | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| Bottom lath                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| Curtain                     | Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2  |
| Tape roller                 | Colours available for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PA 52, PVC 37, PVC 52 – no additional charge |
| Hole drilling in the guides | Possible length for white and brown colour -5mb (up to 240 cm height, up to 12kg)   |

### FOR ADDITIONAL CHARGE

|                             |  |           |
|-----------------------------|--|-----------|
| Shutter box                 | Enlargement of the shutter box   | 5%        |
|                             | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27)   | 15%       |
|                             | Powder coated: according to RAL Colour Chart   | 30%       |
| Guide                       | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey (27)   | 10%       |
|                             | Powder coated: according to RAL Colour Chart   | 20%       |
|                             | One-sided veneering of the guides – Veneer Colour Chart and turnaround times – see page 2  | 10%       |
|                             | Guide extension  | 6,25€/rm  |
| Cap for aluminium guides    | N/PPDO-53 single, powder coated silver(01),white(02),grey(03),light beige(05),dark brown(08),light brown(09),ivory(16),anthracite(23)  | 3,25€/rm  |
|                             | N/PPDO-79 double, powder coated silver(01),white(02),grey(03),light beige(05),dark brown(08),light brown(09),ivory(16),anthracite(23)  | 5,25€/rm  |
|                             | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey (27)  | 10%       |
|                             | Powder coated: according to RAL Colour Chart   | 20%       |
| PZO                         | Mounting plate for oval guide cap  | 0,30€/pc. |
| Bottom lath                 | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey (27)  | 5%        |
|                             | Powder coated: according to RAL Colour Chart   | 10%       |
| Curtain                     | PA 39 steel anthracite DB703 (24)  | 5%        |
| Tape roller 11m             | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 6,25€/pc. |
| Cord coiler up to 5m SEL    | SELVE cord coiler to 240cm (according to the customer's wish – white or brown)   | 5€/pc.    |
| Cord coiler up to 11m       | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 9€/pc.    |
| Mosquito-net                | Mesh colours: grey (03), black (20). Colours for bottom lath of mosquito-net: silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23) | 70€/pc.   |
| Bottom lath of mosquito net | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey (27)  | 5%        |
|                             | Powder coated: according to RAL Colour Chart   | 10%       |

# OS2000®

## PA-39, PA-45, PA-52 – aluminium profile 39mm, 45mm, 52 mm (including end caps)

|           | width 0,35 - 2m, max. surface 6,5m <sup>2</sup>      |  | width 0,35 - 2,5m, max. surface 6,5m <sup>2</sup>    |  | width 0,35 - 3m, max. surface 6,5m <sup>2</sup>      |  | width 0,35 - 3,7m,<br>max. surface 8m <sup>2</sup>   |  |
|-----------|--|--|--|--|--|--|--|--|
| Box size  | Maximumheight of shuttle (including the box size)/cm |  | Maximumheight of shuttle (including the box size)/cm |  | Maximumheight of shuttle (including the box size)/cm |  | Maximumheight of shuttle (including the box size)/cm |  |
|           | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm |
| ALUMINIUM | PA-39<br>ø 40+PZ50                                   | PA-39<br>ø 40-rygiel                             | PA-39<br>ø 40-WB                                     | PA-39<br>ø 60+PZ70                               | PA-39<br>ø 60-rygiel                                 | PA-39<br>ø 60-WB                                 | PA-45<br>ø 60+PZ70                                   | PA-45<br>ø 60-rygiel                             |
| SK-137    | 152  | 152  | 142  | 126  | 126  | 0  | 0  | 0  |
| SK-165    | 250  | 250  | 242  | 236  | 236  | 199  | 163  | 168  |
| SK-180    | 306  | 306  | 310  | 294  | 294  | 282  | 214  | 214  |
| SK-205    | 394  | 394  | 402  | 398  | 398  | 359  | 294  | 294  |
|           |  |  |  |  |  |  | 270  | 260  |

## PVC -37, PVC 52 - PVC profile 37mm and 52 mm (including end caps - insert clips)

width 0,35 - 1,6m, max. surface 3m<sup>2</sup>

width 0,35 - 1,6m, max. surface 4,3m<sup>2</sup>

| Box size  | Maximumheight of shuttle (including the box size)/cm |   |  | Maximumheight of shuttle (including the box size)/cm |   |  | Maximumheight of shuttle (including the box size)/cm |   |  |
|-----------|--|---|--|--|---|--|--|---|--|
|           |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| ALUMINIUM | PVC-37<br>ø 40+PZ50                                  | PVC-37<br>ø 40-rygiel                           | PVC-37<br>ø 40-WB                                | PVC-37<br>ø 60+PZ70                                  | PVC-37<br>ø 60-rygiel                           | PVC-37<br>ø 60-WB                                | PVC-52<br>ø 60+PZ70                                  | PVC-52<br>ø 60-rygiel                           | PVC-52<br>ø 60-WB                                |
| SK-137    | 165  | X   | 146  | 154  | X   | 128  | X  | X   | X  |
| SK-165    | 279  | X   | 338  | 234  | X   | 227  | 159  | X   | 175  |
| SK-180    | 343  | X   | 354  | 302  | X   | 302  | 197  | X   | 208  |
| SK-205    | 386  | X   | 368  | 383  | X   | 368  | 272  | X   | 319  |

If the width of roller shutter exceeds 2m, pipe ø 60 is recommended.

PZ- expansion ring from ø 40 on ø 50 or from ø 60 on ø 70.

### STANDARD

|                             |  |
|-----------------------------|--|
| Shutter box                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)   |
| Guide                       | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)   |
| Bottom lath                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)<br>Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2 |
| Curtain                     | Colours available for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PA 52, PVC 37, PVC 52 – no additional charge  |
| Tape roller                 | Possible length for white or brown colour -5mb (up to 240 cm height, up to 12kg)   |
| Hole drilling in the guides | Charge free – according to the customer's wish   |

### FOR ADDITIONAL CHARGE

|                          |  |           |
|--------------------------|--|-----------|
| Shutter box              | Enlargement of the shutter box   | 5%        |
|                          | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey(27)    | 15%       |
|                          | Powder coated: according to RAL Colour Chart   | 30%       |
| Guide                    | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey(27)    | 10%       |
|                          | Powder coated: according to RAL Colour Chart   | 20%       |
|                          | One-sided veneering of the guides – Veneer Colour Chart and turnaround times – see page 2  | 10%       |
|                          | Guide extension  | 6,25€/rm  |
| Cap for aluminium guides | N/PPDO-53 single, powder coated: silver(01),white(02),grey(03),light beige(05),dark brown(08),light brown(09),ivory(16),anthracite(23) | 3,25€/rm  |
|                          | N/PPDO-79 double, powder coated: silver(01),white(02),grey(03),light beige(05),dark brown(08),light brown(09),ivory(16),anthracite(23) | 5,25€/rm  |
|                          | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey(27)   | 10%       |
|                          | Powder coated: according to RAL Colour Chart   | 20%       |
| PZO                      | Mounting plate for oval guide cap  | 0,30€/pc. |
| Bottom lath              | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey(27)   | 5%        |
|                          | Powder coated: according to RAL Colour Chart   | 10%       |
| Curtain                  | PA 39 steel anthracite DB703 (24)  | 5%        |
| Tape roller 11m          | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 6,25€/pc. |
| Cord coiler up to 5m SEL | SELVE cord coiler to 240cm (according to the customer's wish – white or brown)   | 5€/pc.    |
| Cord coiler up to 11m    | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 9€/pc.    |

# OS2000®

## WITH MOSQUITO NET

**PA-39, PA-45 – aluminium profile 39mm and 45mm (including end caps)**

width 0,55 - 1,8m, max. surface 4,5m<sup>2</sup>

| Box size  | Maximum height of shutter(including the box size)/cm |   |  | Maximum height of shutter(including the box size)/cm |   |  | Maximum height of shutter(including the box size)/cm |   |  |
|-----------|--|---|--|--|---|--|--|---|--|
|           |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| ALUMINIUM | PA-39<br>ø 40+PZ50                                   | PA-39<br>ø 40-rygiel                            | PA-39<br>ø 40-WB                                 | PA-39<br>ø 60+PZ70                                   | PA-39<br>ø 60-rygiel                            | PA-39<br>ø 60-WB                                 | PA-45<br>ø 60+PZ70                                   | PA-45<br>ø 60-rygiel                            | PA-45<br>ø 60-WB                                 |
| SK-137    | X  | X   | X  | X  | X   | X  | X  | X   | X  |
| SK-165    | 176  | 152   | 144  | 156  | 156   | 121  | X  | X   | X  |
| SK-180    | 224  | 228   | 216  | 200  | 200   | 200  | X  | X   | X  |
| SK-205    | 250  | 250   | 250  | 250  | 250   | 250  | 250  | 250   | 250  |

**PCV-37 – PVC profile 37mm (including end caps - insert clips)**

width 0,55 - 1,6m, max. surface 3m<sup>2</sup>

| Box size  | Maximum height of shutter(including the box size)/cm |   |  | Maximum height of shutter(including the box size)/cm |   |  |
|-----------|--|---|--|--|---|--|
|           |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| ALUMINIUM | PVC-37<br>ø 40+PZ50                                  | PVC-37<br>ø 40-rygiel                           | PVC-37<br>ø 40-WB                                | PVC-37<br>ø 60+PZ70                                  | PVCV-37<br>ø 60-rygiel                          | PVC-37<br>ø 60-WB                                |
| SK-137    | X  | X   | X  | X  | X   | X  |
| SK-165    | 168  | X   | X  | 146  | X   | X  |
| SK-180    | 247  | X   | X  | 226  | X   | X  |
| SK-205    | 250  | X   | X  | 250  | X   | X  |

Note! If the width of roller shutter exceeds 2m (concerns the shutters with sections), pipe ø 60 is recommended.  
PZ- expansion ring from ø 40 on ø 50 or from ø 60 on ø 70.

### STANDARD

|                             |   |
|-----------------------------|---|
| Shutter box                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| Guide                       | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| Bottom lath                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
|                             | Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2  |
| Curtain                     | Colours available for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PA 52, PVC 37, PVC 52 – no additional charge |
| Tape roller                 | Possible length for white and brown colour -5 mb (up to 240 cm height, up to 12kg)  |
| Hole drilling in the guides | Charge free – according to the customer's wish  |

### FOR ADDITIONAL CHARGE

|                             |  |           |
|-----------------------------|--|-----------|
| Shutter box                 | Enlargement of the shutter box   | 5%        |
|                             | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey(27)  | 15%       |
|                             | Powder coated: according to RAL Colour Chart   | 30%       |
| Guide                       | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey(27)  | 10%       |
|                             | Powder coated: according to RAL Colour Chart   | 20%       |
|                             | One-sided veneering of the guides – Veneer Colour Chart and turnaround times – see page 2  | 10%       |
|                             | Guide extension  | 6,25€/rm  |
| Cap for aluminium guides    | N/PPDO-53 single, powder coated silver(01),white(02),grey(03),light beige(05),dark brown(08),light brown(09),ivory(16),anthracite(23)  | 3,25€/rm  |
|                             | N/PPDO-79 double, powder coated silver(01),white(02),grey(03),light beige(05),dark brown(08),light brown(09),ivory(16),anthracite(23)  | 5,25€/rm  |
|                             | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey(27)   | 10%       |
|                             | Powder coated: according to RAL Colour Chart   | 20%       |
| PZO                         | Mounting plate for oval guide cap  | 0,30€/pc. |
| Bottom lath                 | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey(27)   | 5%        |
|                             | Powder coated: according to RAL Colour Chart   | 10%       |
| Curtain                     | PA 39 steel anthracite DB703 (24)  | 5%        |
| Tape roller 11m             | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 6,25€/pc. |
| Cord coiler up to 5m SEL    | SELVE cord coiler to 240cm (according to the customer's wish – white or brown)   | 5€/pc.    |
| Cord coiler up to 11m       | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 9€/pc.    |
| Mosquito-net                | Mesh colours: grey (03), black (20). Colours for bottom lath of mosquito-net: silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23) | 70€/pc.   |
| Bottom lath of mosquito net | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey (27)  | 5%        |
|                             | Powder coated: according to RAL Colour Chart   | 10%       |

# OL2000®

**PA-39, PA-45, PA-52 – aluminium profile 39mm, 45mm, 52 mm (including end caps)**

| Box size  | width 0,35 - 2m, max. surface 6,5m <sup>2</sup>      |  |  | width 0,35 - 2,5m, max. surface 6,5m <sup>2</sup> |  |                  | width 0,35 - 3m, max. surface 6,5m <sup>2</sup>      |  |  | width 0,35 - 3,7m, max. surface 8m <sup>2</sup> |  |
|-----------|--|--|--|---|--|------------------|--|--|--|---|--|
|           | Maximumheight of shuttle (including the box size)/cm |  | Maximumheight of shuttle (including the box size)/cm |   | Maximumheight of shuttle (including the box size)/cm |                  | Maximumheight of shuttle (including the box size)/cm |  | Maximumheight of shuttle (including the box size)/cm |   | Maximumheight of shuttle (including the box size)/cm |
|           | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm   | with blocking hanger (including the box size)/cm     |                  | with automatic bolt (including the box size)/cm      | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm     |
| ALUMINIUM | PA-39<br>ø 40+PZ50                                   | PA-39<br>ø 40-rygiel                             | PA-39<br>ø 40-WB                                     | PA-39<br>ø 60+PZ70                                | PA-39<br>ø 60-rygiel                                 | PA-39<br>ø 60-WB | PA-45<br>ø 60+PZ70                                   | PA-45<br>ø 60-rygiel                             | PA-45<br>ø 60-WB                                     | PA-52<br>ø 60+PZ70                              | PA-52<br>ø 60-WB                                     |
| SK-137    | 152  | 152  | 142  | 126   | 126  | 0                | 0  | 0  | 0  | X   | X  |
| SK-165    | 250  | 250  | 242  | 236   | 236  | 199              | 163  | 168  | 138  | 120   |  |
| SK-180    | 306  | 306  | 310  | 294   | 294  | 282              | 214  | 214  | 196  | 190   |  |
| SK-205    | 394  | 394  | 402  | 398   | 398  | 359              | 294  | 294  | 270  | 260   |  |

**PCV-37, PVC 52 – PVC profile 37mm and 52mm (including end caps - insert clips)**

width 0,35 - 1,6m, max. surface 3m<sup>2</sup>

width 0,35 - 1,6m, max. surface 4,3m<sup>2</sup>

| Box size  | Maximumheight of shuttle (including the box size)/cm |   |  | Maximumheight of shuttle (including the box size)/cm |   |  | Maximumheight of shuttle (including the box size)/cm |   |  |
|-----------|--|---|--|--|---|--|--|---|--|
|           |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| ALUMINIUM | PVC-37<br>ø 40+PZ50                                  | PVC-37<br>ø 40-rygiel                           | PVC-37<br>ø 40-WB                                | PVC-37<br>ø 60+PZ70                                  | PVC-37<br>ø 60-rygiel                           | PVC-37<br>ø 60-WB                                | PVC-52<br>ø 60+PZ70                                  | PVC-52<br>ø 60-rygiel                           | PVC-52<br>ø 60-WB                                |
| SK-137    | 165  | X   | 146  | 154  | X   | 128  | X  | X   | X  |
| SK-165    | 279  | X   | 338  | 234  | X   | 227  | 159  | X   | 175  |
| SK-180    | 343  | X   | 354  | 302  | X   | 302  | 197  | X   | 208  |
| SK-205    | 386  | X   | 368  | 383  | X   | 368  | 272  | X   | 319  |

If the width of roller shutter exceeds 2m, pipe ø 60 is recommended.

PZ- expansion ring from ø 40 on ø 50 or from ø 60 on ø 70.

## STANDARD

|                                    |  |
|------------------------------------|--|
| <b>Shutter box</b>                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)   |
| <b>Guide</b>                       | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)   |
| <b>PZO</b>                         | Mounting plate for oval guide cap  |
| <b>Bottom lath</b>                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)<br>Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2 |
| <b>Curtain</b>                     | Colours available for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PA 52, PVC 37, PVC 52 – no additional charge  |
| <b>Tape roller</b>                 | Possible length for white or brown colour -5mb (up to 240 cm height, up to 12kg)   |
| <b>Hole drilling in the guides</b> | Charge free – according to the customer's wish   |

## FOR ADDITIONAL CHARGE

|                                 |  |           |
|---------------------------------|--|-----------|
| <b>Shutter box</b>              | Enlargement of the shutter box   | 5%        |
|                                 | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey(27)    | 15%       |
|                                 | Powder coated: according to RAL Colour Chart   | 30%       |
| <b>Guide</b>                    | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey(27)    | 10%       |
|                                 | Powder coated: according to RAL Colour Chart   | 20%       |
|                                 | One-sided veneering of the guides – Veneer Colour Chart and turnaround times – see page 2  | 10%       |
|                                 | Guide extension  | 6,25€/rm  |
| <b>Cap for aluminium guides</b> | N/PPDO-53 single, powder coated: silver(01),white(02),grey(03),light beige(05),dark brown(08),light brown(09),ivory(16),anthracite(23) | 3,25€/rm  |
|                                 | N/PPDO-79 double, powder coated: silver(01),white(02),grey(03),light beige(05),dark brown(08),light brown(09),ivory(16),anthracite(23) | 5,25€/rm  |
|                                 | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey(27)   | 10%       |
|                                 | Powder coated: according to RAL Colour Chart   | 20%       |
| <b>Bottom lath</b>              | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey(27)   | 5%        |
|                                 | Powder coated: according to RAL Colour Chart   | 10%       |
| <b>Curtain</b>                  | PA 39 steel anthracite DB703 (24)  | 5%        |
| <b>Tape roller 11m</b>          | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 6,25€/pc. |
| <b>Cord coiler up to 5m SEL</b> | SELVE cord coiler to 240cm (according to the customer's wish – white or brown)   | 5€/pc.    |
| <b>Cord coiler up to 11m</b>    | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 9€/pc.    |

# OL2000®

## WITH MOSQUITO NET

**PA-39, PA-45 – aluminium profile 39mm and 45mm (including end caps)**

width 0,55 - 1,8m, max. surface 4,5m<sup>2</sup>

| Box size  | Maximum height of shutter(including the box size)/cm |   |  | Maximum height of shutter(including the box size)/cm |   |  | Maximum height of shutter(including the box size)/cm |   |  |
|-----------|--|---|--|--|---|--|--|---|--|
|           |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| ALUMINIUM | <b>PA-39 ø 40+PZ50</b>                               | <b>PA-39 ø 40-rygiel</b>                        | <b>PA-39 ø 40-WB</b>                             | <b>PA-39 ø 60+PZ70</b>                               | <b>PA-39 ø 60-rygiel</b>                        | <b>PA-39 ø 60-WB</b>                             | <b>PA-45 ø 60+PZ70</b>                               | <b>PA-45 ø 60-rygiel</b>                        | <b>PA-45 ø 60-WB</b>                             |
| SK-137    | X  | X   | X  | X  | X   | X  | X  | X   | X  |
| SK-165    | 176  | 152   | 144  | 156  | 156   | 121  | X  | X   | X  |
| SK-180    | 224  | 228   | 216  | 200  | 200   | 200  | X  | X   | X  |
| SK-205    | 250  | 250   | 250  | 250  | 250   | 250  | 250  | 250   | 250  |

**PCV-37 – PVC profile 37mm (including end caps - insert clips)**

width 0,55 - 1,6m, max. surface 3m<sup>2</sup>

| Box size  | Maximum height of shutter(including the box size)/cm |   |  | Maximum height of shutter(including the box size)/cm |   |  |
|-----------|--|---|--|--|---|--|
|           |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |
| ALUMINIUM | <b>PVC-37 ø 40+PZ50</b>                              | <b>PVC-37 ø 40-rygiel</b>                       | <b>PVC-37 ø 40-WB</b>                            | <b>PVC-37 ø 60+PZ70</b>                              | <b>PVC-37 ø 60-rygiel</b>                       | <b>PVC-37 ø 60-WB</b>                            |
| SK-137    | X  | X   | X  | X  | X   | X  |
| SK-165    | 168  | X   | X  | 146  | X   | X  |
| SK-180    | 247  | X   | X  | 226  | X   | X  |
| SK-205    | 250  | X   | X  | 250  | X   | X  |

Note! If the width of roller shutter exceeds 2m (concerns the shutters with sections), pipe ø 60 is recommended.

PZ- expansion ring from ø 40 on ø 50 or from ø 60 on ø 70.

### STANDARD

|                                    |   |
|------------------------------------|---|
| <b>Shutter box</b>                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| <b>Guide</b>                       | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
| <b>PZO</b>                         | Mounting plate for oval guide cap   |
| <b>Bottom lath</b>                 | Silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)          |
|                                    | Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2  |
| <b>Curtain</b>                     | Colours available for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PA 52, PVC 37, PVC 52 – no additional charge |
| <b>Tape roller</b>                 | Possible length for white and brown colour -5 mb (up to 240 cm height, up to 12kg)  |
| <b>Hole drilling in the guides</b> | Charge free – according to the customer's wish  |

### FOR ADDITIONAL CHARGE

|                                    |  |           |
|------------------------------------|--|-----------|
| <b>Shutter box</b>                 | Enlargement of the shutter box   | 5%        |
|                                    | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey(27)  | 15%       |
|                                    | Powder coated: according to RAL Colour Chart   | 30%       |
| <b>Guide</b>                       | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), basalt grey(27)  | 10%       |
|                                    | Powder coated: according to RAL Colour Chart   | 20%       |
|                                    | One-sided veneering of the guides – Veneer Colour Chart and turnaround times – see page 2  | 10%       |
|                                    | Guide extension  | 6,25€/rm  |
|                                    | N/PPDO-53 single, powder coated silver(01),white(02),grey(03),light beige(05),dark brown(08),light brown(09),ivory(16),anthracite(23)  | 3,25€/rm  |
| <b>Cap for aluminium guides</b>    | N/PPDO-79 double, powder coated silver(01),white(02),grey(03),light beige(05),dark brown(08),light brown(09),ivory(16),anthracite(23)  | 5,25€/rm  |
|                                    | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey(27)   | 10%       |
|                                    | Powder coated: according to RAL Colour Chart   | 20%       |
|                                    | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey(27)   | 5%        |
| <b>Bottom lath</b>                 | Powder coated: according to RAL Colour Chart   | 10%       |
|                                    | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey(27)   | 5%        |
| <b>Curtain</b>                     | PA 39 steel anthracite DB703 (24)  | 5%        |
| <b>Tape roller 11m</b>             | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 6,25€/pc. |
| <b>Cord coiler up to 5m SEL</b>    | SELVE cord coiler to 240cm (according to the customer's wish – white or brown)   | 5€/pc.    |
| <b>Cord coiler up to 11m</b>       | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 9€/pc.    |
| <b>Mosquito-net</b>                | Mesh colours: grey (03), black (20). Colours for bottom lath of mosquito-net: silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23) | 70€/pc.   |
| <b>Bottom lath of mosquito net</b> | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), basalt grey (27)  | 5%        |
|                                    | Powder coated: according to RAL Colour Chart   | 10%       |

# IT2000®

## PA-39, PA-45, PA-52 – aluminium profile 39mm, 45 mm and 52mm (including end caps)

|           | width 0,35 - 2m, max. surface 6,5m <sup>2</sup>       |  |                  | width 0,35 - 2,5m, max. surface 6,5m <sup>2</sup>     |  |                  | width 0,35 - 3m, max. surface 6,5m <sup>2</sup>       |  |                  | width 0,35 - 3,7m,<br>max. surface 8m <sup>2</sup>    |                  |
|-----------|---|--|------------------|---|--|------------------|---|--|------------------|---|------------------|
| Box size  | Maximum height of shutter (including the box size)/cm |  |                  | Maximum height of shutter (including the box size)/cm |  |                  | Maximum height of shutter (including the box size)/cm |  |                  | Maximum height of shutter (including the box size)/cm |                  |
|           | with automatic bolt (including the box size)/cm       | with blocking hanger (including the box size)/cm |                  | with automatic bolt (including the box size)/cm       | with blocking hanger (including the box size)/cm |                  | with automatic bolt (including the box size)/cm       | with blocking hanger (including the box size)/cm |                  | with blocking hanger (including the box size)/cm      |                  |
| ALUMINIUM | PA-39<br>ø 40+PZ50                                    | PA-39<br>ø 40-rygiel                             | PA-39<br>ø 40-WB | PA-39<br>ø 60+PZ70                                    | PA-39<br>ø 60-rygiel                             | PA-39<br>ø 60-WB | PA-45<br>ø 60+PZ70                                    | PA-45<br>ø 60-rygiel                             | PA-45<br>ø 60-WB | PA-52<br>ø 60+PZ70                                    | PA-52<br>ø 60-WB |
| SK-137    | 152   | 142  | 126              | 0   | 0  | 0                | 0   | 0  | X                | X   |                  |
| SK-165    | 250   | 242  | 236              | 199   | 163  | 168              | 138   | 120  |                  |   |                  |
| SK-180    | 306   | 310  | 294              | 282   | 214  | 214              | 196   | 190  |                  |   |                  |
| SK-205    | 394   | 402  | 398              | 359   | 294  | 294              | 270   | 260  |                  |   |                  |

## PCV-37, PCV 52– PVC profile 37mm and 52mm (including end caps - insert clips)

width 0,35 - 1,6m, max. surface 3m<sup>2</sup>

width 0,35 - 1,6m, max. surface 4,3m<sup>2</sup>

| Box size  | Maximum height of shutter (including the box size)/cm |   |  | Maximum height of shutter (including the box size)/cm |   |  | Maximum height of shutter (including the box size)/cm |   |  |  |
|-----------|---|---|--|---|---|--|---|---|--|--|
|           |   | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |   | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |   | with automatic bolt (including the box size)/cm | with blocking hanger (including the box size)/cm |  |
| ALUMINIUM | PVC-37<br>ø 40+PZ50                                   | PVC-37<br>ø 40-rygiel                           | PVC-37<br>ø 40-WB                                | PVC-37<br>ø 60+PZ70                                   | PVC-37<br>ø 60-rygiel                           | PVC-37<br>ø 60-WB                                | PVC-52<br>ø 60+PZ70                                   | PVC-52<br>ø 60-rygiel                           | PVC-52<br>ø 60-WB                                |  |
| SK-137    | 161   | X   | 165  | 154   | X   | 124  | X   | X   | X  |  |
| SK-165    | 271   | X   | 279  | 234   | X   | 227  | 159   | X   | 154  |  |
| SK-180    | 336   | X   | 332  | 302   | X   | 276  | 197   | X   | 208  |  |
| SK-205    | 386   | X   | 368  | 383   | X   | 368  | 272   | X   | 293  |  |

If the width of roller shutter exceeds 2m, pipe ø 60 is recommended.

PZ - expansion ring from ø 40 on ø 50 or from ø 60 on ø 70.

### STANDARD

|                                  |  |
|----------------------------------|--|
| Shutter box, box sides           | Raw aluminium  |
| Inspection hatch, concealed lath | silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)   |
| Guide                            | silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)   |
| Curtain                          | Colours available for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PVC 37 – no additional charge   |
| Bottom lath                      | silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)<br>Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2 |
| Tape roller                      | Possible length for white or brown colour -5mb (up to 240 cm height, up to 12kg)   |
| Hole drilling in the guides      | Charge free – according to the customer's wish   |

### FOR ADDITIONAL CHARGE

|                                  |  |           |
|----------------------------------|--|-----------|
| Shutter box                      | Enlargement of the shutter box   | 5%        |
| Inspection hatch, concealed lath | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), grey basalt(27)  | 15%       |
|                                  | Powder coated: according to RAL Colour Chart   | 30%       |
|                                  | Veneering– Veneer Colour Chart and turnaround times – see page 2<br>(except for the quartz grey colour (61))                         | 5%        |
| Guide                            | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), grey basalt(27)  | 10%       |
|                                  | Powder coated: according to RAL Colour Chart   | 20%       |
|                                  | One-sided veneering of the guides – Veneer Colour Chart and turnaround times – see page 2  | 5%        |
|                                  | Guide extension  | 6,25€/rm  |
| Curtain                          | PA 39 steel anthracite DB703 (24)  | 5%        |
| Bottom lath                      | Powder coated: dark beige(04), light grey(07), green(13), biel kremowa(15), bordoux(19), black(20), steel olive(26), grey basalt(27) | 5%        |
|                                  | Powder coated: according to RAL Colour Chart   | 10%       |
| Tape roller 11m                  | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 6,25€/pc. |
| Cord coiler up to 5m SEL         | SELVE cord coiler to 240cm (according to the customer's wish – white or brown)   | 5€/pc.    |
| Cord coiler up to 11m            | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 9€/pc.    |
| UMIT-137, UMIT-137-20            | Mounting bracket for shutter box IT2000: 137, 137 with distance 20 mm  | 3€/pc.    |
| UMIT-165, UMIT-165-20            | Mounting bracket for shutter box IT2000: 165, 165 with distance 20 mm  | 3€/pc.    |
| UMIT-180, UMIT-180-20            | Mounting bracket for shutter box IT2000: 180, 180 with distance 20 mm  | 4€/pc.    |
| UMIT-205, UMIT-205-20            | Mounting bracket for shutter box IT2000: 205, 205 with distance 20 mm  | 4€/pc.    |

# IT2000®

## WITH MOSQUITO NET

### PA-39, PA-45 – aluminium profile 39mm and 45mm (including end caps)

width 0,55 - 1,8m, max. surface 4,5m<sup>2</sup>

| Box size  | Maximum height of shutter (including the box size)/cm |   |                                   | Maximum height of shutter (including the box size)/cm |   |                                   | Maximum height of shutter (including the box size)/cm |   |                                   |
|-----------|---|---|-----------------------------------|---|---|-----------------------------------|---|---|-----------------------------------|
|           |   | with automatic bolt (including the box size)/cm | anger (including the box size)/cm |   | with automatic bolt (including the box size)/cm | anger (including the box size)/cm |   | with automatic bolt (including the box size)/cm | anger (including the box size)/cm |
| ALUMINIUM | PA-39<br>ø 40+PZ50                                    | PA-39<br>ø 40-rygiel                            | PA-39<br>ø 40-WB                  | PA-39<br>ø 60+PZ70                                    | PA-39<br>ø 60-rygiel                            | PA-39<br>ø 60-WB                  | PA-45<br>ø 60+PZ70                                    | PA-45<br>ø 60-rygiel                            | PA-45<br>ø 60-WB                  |
| SK-137    | X   | X   | X                                 | X   | X   | X                                 | X   | X   | X                                 |
| SK-165    | 176   | 179   | 144                               | 156   | 156   | 121                               | X   | X   | X                                 |
| SK-180    | 224   | 228   | 216                               | 200   | 200   | 200                               | X   | X   | X                                 |
| SK-205    | 250   | 250   | 250                               | 250   | 250   | 250                               | 250   | 250   | 250                               |

### PCV-37 – PVC profile 37mm (including end caps - insert clips)

width 0,55 - 1,6m, max. surface 3m<sup>2</sup>

| Box size  | Maximum height of shutter (including the box size)/cm |   |                                   | Maximum height of shutter (including the box size)/cm |   |                                   |
|-----------|---|---|-----------------------------------|---|---|-----------------------------------|
|           |   | with automatic bolt (including the box size)/cm | anger (including the box size)/cm |   | with automatic bolt (including the box size)/cm | anger (including the box size)/cm |
| ALUMINIUM | PVC-37<br>ø 40+PZ50                                   | PVC-37<br>ø 40-rygiel                           | PVC-37<br>ø 40-WB                 | PVC-37<br>ø 60+PZ70                                   | PVC-37<br>ø 60-rygiel                           | PVC-37<br>ø 60-WB                 |
| SK-137    | X   | X   | X                                 | X   | X   | X                                 |
| SK-165    | 168   | X   | X                                 | 146   | X   | X                                 |
| SK-180    | 247   | X   | X                                 | 226   | X   | X                                 |
| SK-205    | 250   | X   | X                                 | 250   | X   | X                                 |

NOTE! If the width of roller shutter exceeds 2m (for rollers shutters with sections) pipe ø 60 is recommended.

In IT2000 roller shutter with mosquito net system, it is not possible to use motor with emergency crank.

PZ- expansion ring from ø 40 on ø 50 or from ø 60

#### STANDARD

|                                  |  |
|----------------------------------|--|
| Shutter box, box sides           | Raw aluminium  |
| Inspection hatch, concealed lath | silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)   |
| Guide                            | silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)   |
| Curtain                          | Colours available for PA 39 (except for the steel anthracite DB703 (24)), PA 45, PVC 37 – no additional charge   |
| Bottom lath                      | silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23)<br>Veneering of bottom lath - Veneer Colour Chart and turnaround times – see page 2 |
| Tape roller                      | Possible length for white or brown colour -5mb (up to 240 cm height, up to 12kg)   |
| Hole drilling in the guides      | Charge free – according to the customer's wish   |

#### FOR ADDITIONAL CHARGE

|                                  |  |           |
|----------------------------------|--|-----------|
| Shutter box                      | Enlargement of the shutter box   | 5%        |
| Inspection hatch, concealed lath | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), grey basalt(27)  | 15%       |
|                                  | Powder coated: according to RAL Colour Chart   | 30%       |
|                                  | Veneering– Veneer Colour Chart and turnaround times – see page 2<br>(except for the quartz grey colour (61))   | 5%        |
|                                  | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), grey basalt(27)  | 10%       |
| Guide                            | Powder coated: according to RAL Colour Chart   | 20%       |
|                                  | One-sided veneering of the guides – Veneer Colour Chart and turnaround times – see page 2  | 5%        |
|                                  | Guide extension  | 6,25€/rm  |
|                                  |  |           |
| Curtain                          | PA 39 steel anthracite DB703 (24)  | 5%        |
| Bottom lath                      | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), grey basalt(27)  | 5%        |
|                                  | Powder coated: according to RAL Colour Chart   | 10%       |
| Tape roller 11m                  | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 6,25€/pc. |
| Cord coiler up to 5m SEL         | SELVE cord coiler to 240cm (according to the customer's wish – white or brown)   | 5€/pc.    |
| Cord coiler up to 11m            | Refers to roller shutters exceeding 240cm (according to the customer's wish – white or brown)  | 9€/pc.    |
| Mosquito-net                     | mesh colours: grey (03), black (20). Colours for bottom lath of mosquito-net: silver (01), white (02), grey (03), light beige (05), dark brown (08), light brown (09), ivory (16), anthracite (23) | 70€/pc.   |
| Bottom lath of mosquito net      | Powder coated: dark beige(04), light grey(07), green(13), cream white(15), bordoux(19), black(20), steel olive(26), grey basalt(27)  | 5%        |
|                                  | Powder coated: according to RAL Colour Chart   | 10%       |
| UMIT-137, UMIT-137-20            | Mounting bracket for shutter box IT2000: 137, 137 with distance 20 mm  | 3€/pc.    |
| UMIT-165, UMIT-165-20            | Mounting bracket for shutter box IT2000: 165, 165 with distance 20 mm  | 3€/pc.    |
| UMIT-180, UMIT-180-20            | Mounting bracket for shutter box IT2000: 180, 180 with distance 20 mm  | 4€/pc.    |
| UMIT-205, UMIT-205-20            | Mounting bracket for shutter box IT2000: 205, 205 with distance 20 mm  | 4€/pc.    |



**PRICELIST OF MOTORS  
AND ACCESSORIES  
FOR ROLLER SHUTTERS**

# PRICE LIST OF MOTORS AND CONTROL UNITS

**NEW**

# EXALUS HOME

## SMART HOME SYSTEM

| INDEX | NAME | PRICE EUR |
|-------|------|-----------|
|-------|------|-----------|

### CONTROL ELEMENTS

|       |                                      |          |
|-------|--------------------------------------|----------|
| - TR7 | - Control unit - smart house manager | 257,50 € |
|-------|--------------------------------------|----------|

### RADIO TRANSMITTERS

|           |  |         |
|-----------|--|---------|
| - PX-BIDI | - 1-channel remote (1 W) *                           | 36,50 € |
| - NX-BIDI | - 12-channel remote (1 W) *                          | 38,50 € |
| - RNK-22  | - 2-channel scenario manager with temperature sensor | 38,50 € |
| - RNK-24  | - 4-channel scenario manager with temperature sensor | 42,00 € |
| - RNP-21  | - Flush-mounted radio transmitter (230 V)            | 42,50 € |
| - RNP-22  | - Flush-mounted radio transmitter (battery-powered)  | 38,50 € |

### FLUSH RECEIVERS/ CONTROLLERS

|           |  |         |
|-----------|--|---------|
| - EX-BIDI | - Radio flush-mounted shutter controller | 49,50 € |
| - ROP-21  | - Radio 1-channel flush receiver         | 58,50 € |
| - ROP-22  | - Radio 2-channel flush receiver         | 60,50 € |
| - RDP-21  | - Radio dimmer                           | 62,00 € |



TR7 - Control unit - smart home manager

PX-BIDI - 1-channel remote

NX-BIDI - 12-channel remote

EX-BIDI - Radio flush-mounted shutter controller

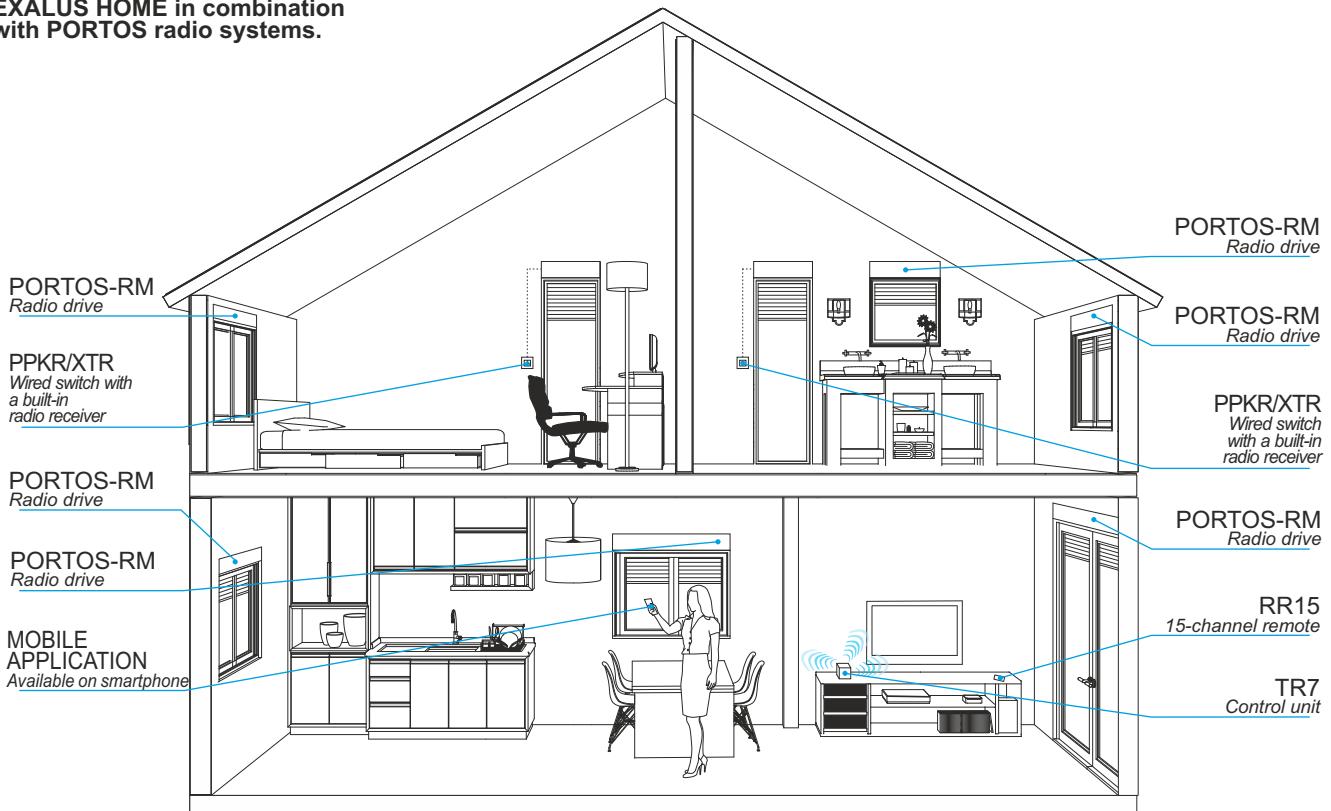
Items presented above are not a standard equipment. They have to be additionally listed in every order.

# EXALUS HOME

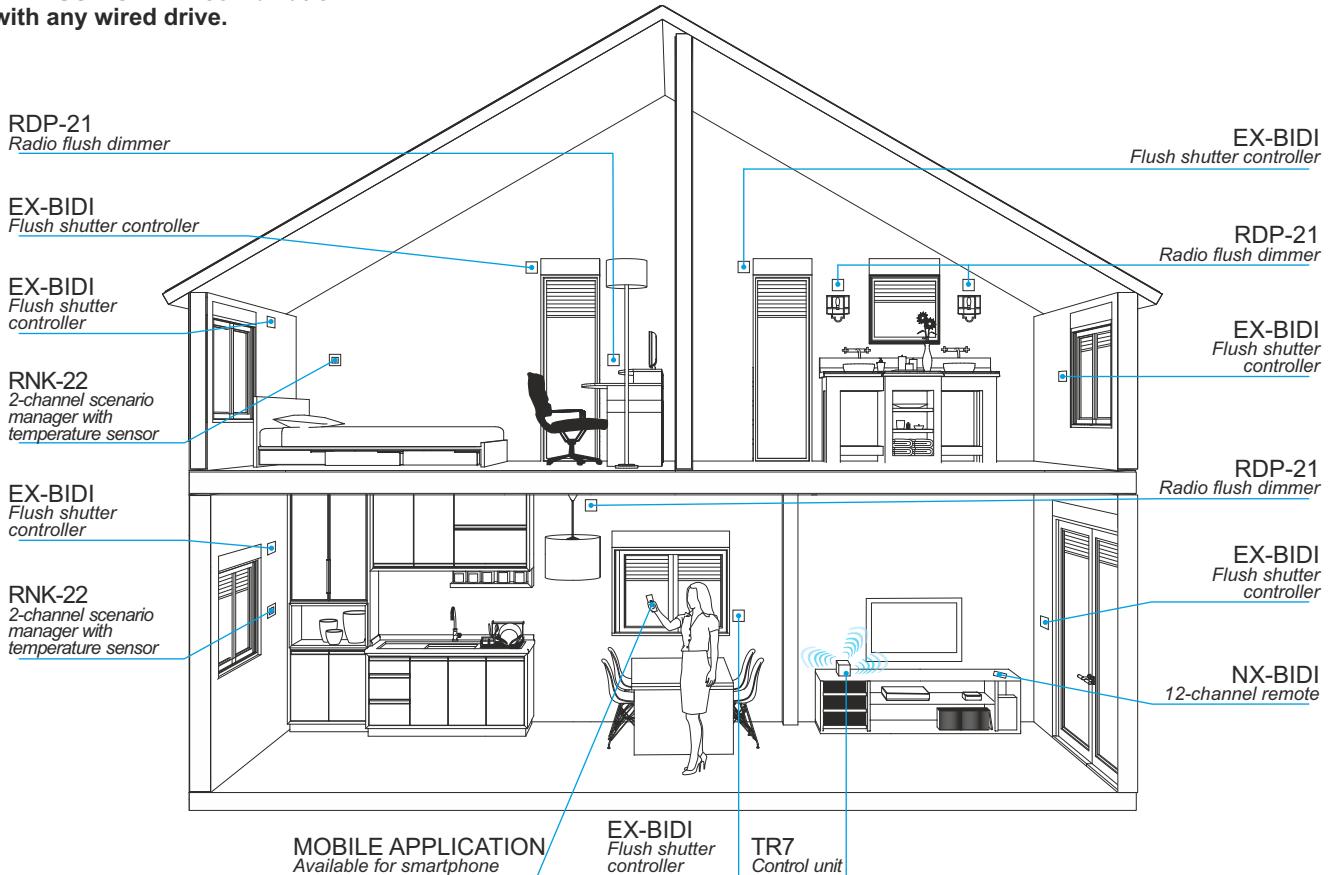
## SMART HOME SYSTEM

**NEW**

EXALUS HOME in combination with PORTOS radio systems.



EXALUS HOME in combination with any wired drive.



# TUBULAR MOTORS FOR ROLLER SHUTTERS

## PORTOS MOTORS

| INDEX                      | NAME  | PRICE EUR     |
|----------------------------|---|---------------|
| <b>PORTOS MOTORS</b>       |   |               |
| - S-40/10                  | - Motor 10 Nm for octagonal pipe 40 mm                                | 44,00/Stück   |
| - S-40/10 S                | - Motor 10 Nm for octagonal pipe 40 mm – small, lenght - 37cm         | 47,50/Stück   |
| - S-60/10                  | - Motor 10 Nm for octagonal pipe 60 mm                                | 44,00/Stück   |
| - S-60/20                  | - Motor 20 Nm for octagonal pipe 60 mm                                | 48,75/Stück   |
| - S-60/30                  | - Motor 30 Nm for octagonal pipe 60 mm                                | 50,75/Stück   |
| - S-60/40                  | - Motor 40 Nm for octagonal pipe 60 mm                                | 53,75/Stück   |
| - S-60/50                  | - Motor 50 Nm for octagonal pipe 60 mm                                | 57,50/Stück   |
| - S-60/10 S                | - Motor 10 Nm for octagonal pipe 60 mm - small, lenght - 48 cm        | 56,50/Stück   |
| <b>RADIO PORTOS MOTORS</b> |   |               |
| - S-40/10 RM               | - Radio motor 10 Nm for octagonal pipe 40 mm                          | 69,75/Stück   |
| - S-60/10 RM               | - Radio motor 10 Nm for octagonal pipe 60 mm                          | 72,50/Stück   |
| - S-60/20 RM               | - Radio motor 20 Nm for octagonal pipe 60 mm                          | 74,50/Stück   |
| - S-60/30 RM               | - Radio motor 30 Nm for octagonal pipe 60 mm                          | 77,25/Stück   |
| <b>POROS MOTORS NHK</b>    |   |               |
| - S-60/20 NHK#427          | - Motor 20 Nm NHK for octagonal pipe 60 mm*                           | 76,25/Stück   |
| - S-60/30 NHK#427          | - Motor 30 Nm NHK for octagonal pipe 60 mm*                           | 80,25/Stück   |
| - TZU-S                    | - Eye kit for NHK motors  | 15,00/Stück   |
| - KRH-150                  | - Crank with a Hook 150cm   | 19,75/Stück   |
| - KRH-180                  | - Crank with a Hook 180cm   | 25,75/Stück   |
| - ZM-SKK                   | - Key lock for the shutter boxes 205, 250, 300, 350 mm with NHK motor | 12,75/Stück   |
| <b>ACCESSORIES</b>         |   |               |
| - PMX1                     | - Bell button (monostable)  | 10,75 €/Stück |
| - PKLX2N                   | - Surface-mounted key-turn switch                                     | 42,25 €/Stück |
| - PKLX2                    | - Flush-mounted key-turn switch                                       | 42,25 €/Stück |
| - PBX2N                    | - Surface-mounted shutter switch (bistable)                           | 15,25 €/Stück |
| - PMX2N                    | - Surface-mounted shutter button (monostable)                         | 15,25 €/Stück |
| - PBX2                     | - Flush-mounted shutter switch (bistable)                             | 12,00 €/Stück |
| - PMX2                     | - Flush-mounted shutter button (monostable)                           | 12,00 €/Stück |
| - RX1N                     | - Surface-mounted frame   | 3,35 €/Stück  |
| - RX2                      | - Double frame  | 3,35 €/Stück  |
| - RX3                      | - Triple frame  | 5,50 €/Stück  |
| - RX4                      | - Quadruple frame   | 9,75 €/Stück  |
| - PS-1                     | - 1-channel keychain remote control                                   | 34,00 €/Stück |
| - PE-1                     | - 1-channel keychain remote control ***                               | 34,00 €/Stück |
| - PS-1T                    | - 1-channel electronic switch with Timer                              | 45,75 €/Stück |
| - PS-2                     | - 2-channel elecrtonic switch   | 36,00 €/Stück |
| - PE-2                     | - 2-channel elecrtonic switch ***                                     | 36,00 €/Stück |
| - SIR                      | - Flush-mounted relay **  | 25,75 €/Stück |
| - ST4                      | - 4-roller shutters controller  | 30,75 €/Stück |
| - PPKR 313                 | - Switch with integrated radio receiver only for non radio motors     | 41,75 €/Stück |
| - PPKR 313/2               | - Double electronic switch with a built-in radio receiver             | 48,75 €/Stück |
| - XT-R                     | - Flush-mounted receiver **, ****                                     | 36,00 €/Stück |

\* - For the appropriate working of motor with emergency lifting mechanism, it is necessary to use crank with a hook KRH-150.

\*\* - Possibility of connection only electronic switch with non-support mode and blockade to launch direction buttons simultaneously.

\*\*\* - Product available until in stock

\*\*\*\* - The controller can be used only with drives with torque up to 10Nm.

**Caution! Do not use an emergency lifting mechanism if motor is electrified. Motors with emergency lifting mechanism are not available with IT2000 system.**

Items presented above are not a standard equipment. They have to be additionally listed in every order.

# TUBULAR MOTORS FOR ROLLER SHUTTERS

## PORTOS MOTORS

| <b>INDEX</b>                   | <b>NAME</b>                           | <b>PRICE EUR</b> |
|--------------------------------|---------------------------------------|------------------|
| <b>ACCESSORIES - BASIC</b>     |                                       |                  |
| - RR-1                         | - 1-channel remote control            | 19,75 €/Stück    |
| - RR-5                         | - 5-channel remote control            | 22,75 €/Stück    |
| - RR-5T                        | - 5-channel remote control with Timer | 29,50 €/Stück    |
| - RR-15                        | - 15-channel remote control           | 26,50 €/Stück    |
| - PB1                          | - 1-channel remote control (mini) *   | 10,50 €/Stück    |
| - PRN1                         | - 1-channel radio switch              | 16,75 €/Stück    |
| - PEN2                         | - 2-channel remote control *          | 18,25 €/Stück    |
| - PRN2                         | - 2-channel remote control            | 18,25 €/Stück    |
| - PRN-5T                       | - 5-channel radio switch with Timer   | 29,00 €/Stück    |
| - PRN-15                       | - 15-channel radio switch             | 26,25 €/Stück    |
| <b>ACCESSORIES - EXCLUSIVE</b> |                                       |                  |
| - PX-1                         | - 1-channel remote control            | 30,25 €/Stück    |
| - PX-5                         | - 5-channel remote control            | 33,25 €/Stück    |
| - PX-15                        | - 15-channel remote control           | 37,00 €/Stück    |
| - PX-15T                       | - 15-channel radio switch with Timer  | 47,50 €/Stück    |
| <b>SONNENSCHUTZAUTOMATIK</b>   |                                       |                  |
| - SXR                          | - Sun sensor                          | 23,00 €/Stück    |

\* - product available until in stock



PX-1 - 1-channel remote control



PX-5 - 5-channel remote control



PX-15 - 15-channel remote control



PX-15T - 15-channel remote control with Timer

# TUBULAR MOTORS FOR ROLLER SHUTTERS

## PORTOS MOTORS

| Motor power (Nm) | Roller shutter hoisting capacity |           |           |           |           |       | Minimum roller shutter widths |                             |                            |
|------------------|----------------------------------|-----------|-----------|-----------|-----------|-------|-------------------------------|-----------------------------|----------------------------|
|                  | ø40                              |           | ø60       |           |           |       | External roller shutters      | Top-mounted roller shutters | Minimum length of RKS tube |
|                  | up to 3 m                        | up to 4 m | up to 2 m | up to 3 m | up to 4 m |       |                               |                             |                            |
| S 40/10 S        | 10 Nm                            | 12 kg     | 10 kg     | -         | -         | -     | 52 cm                         | 57 cm                       | -                          |
| S 40/10          | 10 Nm                            | 12 kg     | 10 kg     | -         | -         | -     | 62 cm                         | 67 cm                       | -                          |
| S 40/10 RM       | 10 Nm                            | 12 kg     | 10 kg     | -         | -         | -     | 78 cm                         | 83 cm                       | -                          |
| S 60/10 S        | 10 Nm                            | -         | -         | 18 kg     | 16 kg     | 14 kg | 42 cm**   56 cm               | 51 cm *                     | -                          |
| S 60/10          | 10 Nm                            | -         | -         | 18 kg     | 16 kg     | 14 kg | 68 cm                         | 63 cm *                     | 63 cm                      |
| S 60/10 RM       | 10 Nm                            | -         | -         | 18 kg     | 16 kg     | 14 kg | 83 cm                         | 78 cm *                     | 70 cm                      |
| S 60/20          | 20 Nm                            | -         | -         | 36 kg     | 33 kg     | 30 kg | 68 cm                         | 63 cm *                     | 63 cm                      |
| S 60/20 RM       | 20 Nm                            | -         | -         | 36 kg     | 33 kg     | 30 kg | 83 cm                         | 78 cm *                     | 70 cm                      |
| S 60/30          | 30 Nm                            | -         | -         | 54 kg     | 49 kg     | 45 kg | 75 cm                         | 70 cm *                     | 68 cm                      |
| S 60/30 RM       | 30 Nm                            | -         | -         | 54 kg     | 49 kg     | 45 kg | 85 cm                         | 80 cm *                     | 75 cm                      |
| S 60/20 NHK#427  | 20 Nm                            | -         | -         | 36 kg     | 33 kg     | 30 kg | 83 cm                         | 78 cm *                     | -                          |
| S 60/30 NHK#427  | 30 Nm                            | -         | -         | 54 kg     | 49 kg     | 45 kg | 85 cm                         | 80 cm *                     | -                          |

\* - if a short RKS cap is installed

\*\* - if an OBS-60-S-ALU cap is installed

### EXAMPLE:

A roller shutter with profile PA-39 mm has the dimensions of 1.5 × 2.0 m. It means that the surface of the profile is 3,00 m<sup>2</sup> (1.5 m × 2 m = 3 m<sup>2</sup>). This value should be multiplied by the weight of 1 square meter of profile PA39 mm, which is 2.8 kg (3 × 2.8 kg=8.4 kg). In order to calculate the hoisting capacity of the motor, 8.4 kg must be increased by 20% (8.4 kg + 20% = 10.0 kg). The height of roller shutter is above 2 m, the hoisting capacity is 10.0 kg, for pipe Ø 40, motor 40/10 should be chosen, whereas for pipe Ø 60, motor 60/10 should be chosen.



**CAUTION:** When choosing a motor you should remember about the weight of 1 m<sup>2</sup> of the profile, which is indicated below:

|            |                       |
|------------|-----------------------|
| PA-39 mm:  | 2,8 kg/m <sup>2</sup> |
| PA-45 mm:  | 2,9 kg/m <sup>2</sup> |
| PA-52 mm:  | 3,0 kg/m <sup>2</sup> |
| PVC-37 mm: | 3,5 kg/m <sup>2</sup> |
| PVC-52 mm: | 4,0 kg/m <sup>2</sup> |

+ 20 % additional

**CAUTION!** The manuals for connecting the motors to power supply are included in the assembly and 'operating instructions for the tubular motor' and section (only qualified and authorized electricians may carry out the connections).

When mounting the radio motors with electronic or mechanical limit system, in accordance with current standards the voltage 230V 50 Hz is required. In the case of deviations from these values, we recommend to use components for overvoltage protection B-C, and D.

# TUBULAR MOTORS FOR ROLLER SHUTTERS

## DELUX MOTORS

| Motor power (Nm) | Roller shutter hoisting capacity |             |             |             |           | Minimum roller shutter widths |                             |                            |
|------------------|----------------------------------|-------------|-------------|-------------|-----------|-------------------------------|-----------------------------|----------------------------|
|                  | ø40                              |             | ø60         |             |           | External roller shutters      | Top-mounted roller shutters | Minimum length of RKS tube |
|                  | up to 1,5 m                      | up to 2,5 m | up to 1,5 m | up to 2,5 m | up to 3 m |                               |                             |                            |
| DELUX 40/6       | 6 Nm                             | 14 kg       | 11 kg       | -           | -         | 66 cm                         | 71 cm                       | -                          |
| DELUX 40/6 R     | 6 Nm                             | 14 kg       | 11 kg       | -           | -         | 66 cm                         | 71 cm                       | -                          |
| DELUX 60/7       | 7 Nm                             | -           | -           | 19 kg       | 15 kg     | 12 kg                         | 72 cm                       | 67 cm *                    |
| DELUX 60/7 R     | 7 Nm                             | -           | -           | 19 kg       | 15 kg     | 12 kg                         | 72 cm                       | 67 cm *                    |
| DELUX 60/10      | 10 Nm                            | -           | -           | 25 kg       | 20 kg     | 16 kg                         | 72 cm                       | 67 cm *                    |
| DELUX 60/10 R    | 10 Nm                            | -           | -           | 25 kg       | 20 kg     | 16 kg                         | 72 cm                       | 67 cm *                    |
| DELUX 60/15      | 15 Nm                            | -           | -           | 35 kg       | 29 kg     | 22 kg                         | 74 cm                       | 69 cm *                    |
| DELUX 60/15 R    | 15 Nm                            | -           | -           | 35 kg       | 29 kg     | 22 kg                         | 74 cm                       | 69 cm *                    |
| DELUX 60/20      | 20 Nm                            | -           | -           | 45 kg       | 37 kg     | 30 kg                         | 76 cm                       | 71 cm *                    |
| DELUX 60/20 R    | 20 Nm                            | -           | -           | 45 kg       | 37 kg     | 30 kg                         | 76 cm                       | 71 cm *                    |
| DELUX 60/30      | 30 Nm                            | -           | -           | 67 kg       | 56 kg     | 44 kg                         | 76 cm                       | 71 cm *                    |
| DELUX 60/30 R    | 30 Nm                            | -           | -           | 67 kg       | 56 kg     | 44 kg                         | 76 cm                       | 71 cm *                    |

\* - if a short RKS cap is installed

### EXAMPLE:

A roller shutter with profile PA-39 mm has the dimensions of 250 cm × 250 cm. It means that the surface of the profile is 6,25 m<sup>2</sup>. This value should be multiplied by the weight of 1 square meter of profile PA39 mm, which is 2.8 kg ( $6,25 \times 2.8 \text{ kg} = 17,5 \text{ kg}$ ). In order to calculate the hoisting capacity of the motor, 17,5 km must be increased by 10% ( $17,5 \text{ kg} + 10\% = 19,25 \text{ kg}$ ). The height of roller shutter is above 2,5 m, for pipe ø 60, motor 60/10 should be chosen.



MOTORS FOR OCTAGONAL PIPE ø40 AND ø60  
(motor with adapter)

**CAUTION:** When choosing a motor you should remember about the weight of 1 m<sup>2</sup> of the profile, which is indicated below:

|            |                       |
|------------|-----------------------|
| PA-39 mm:  | 2,8 kg/m <sup>2</sup> |
| PA-45 mm:  | 2,9 kg/m <sup>2</sup> |
| PA-52 mm:  | 3,0 kg/m <sup>2</sup> |
| PVC-37 mm: | 3,5 kg/m <sup>2</sup> |
| PVC-52 mm: | 4,0 kg/m <sup>2</sup> |

+ 10 % safety stock

**CAUTION!** The manuals for connecting the motors to power supply are included in the assembly and 'operating instructions for the tubular motor' and section (only qualified and authorized electricians may carry out the connections).

When mounting the radio motors with electronic or mechanical limit system, in accordance with current standards the voltage 230V 50 Hz is required. In the case of deviations from these values, we recommend to use components for overvoltage protection B-C, and D.

# TUBULAR MOTORS FOR ROLLER SHUTTERS

## DELUX MOTORS

| INDEX  | NAME  | PRICE EUR |
|--|---|-----------|
| <b><i>DELUX MOTORS with overload system</i></b>    |   |           |
| <b>DELUX 40/6</b>                                  | Motor 6 Nm for octagonal pipe 40*                 | 131,70 €  |
| <b>DELUX 60/7</b>                                  | Motor 7 Nm for octagonal pipe 60*                 | 117,80 €  |
| <b>DELUX 60/10</b>                                 | Motor 10 Nm for octagonal pipe 60*                | 120,90 €  |
| <b>DELUX 60/15</b>                                 | Motor 15 Nm for octagonal pipe 60*                | 124,80 €  |
| <b>DELUX 60/20</b>                                 | Motor 20 Nm for octagonal pipe 60*                | 137,90 €  |
| <b>DELUX 60/30</b>                                 | Motor 30 Nm for octagonal pipe 60*                | 138,80 €  |
| <br><b>DELUX 40/6 R</b>                            | Radio motor 6 Nm for octagonal pipe 40*           | 157,90 €  |
| <b>DELUX 60/7 R</b>                                | Radio motor 7 Nm for octagonal pipe 60*           | 143,60 €  |
| <b>DELUX 60/10 R</b>                               | Radio motor 10 Nm for octagonal pipe 60*          | 146,40 €  |
| <b>DELUX 60/15 R</b>                               | Radio motor 15 Nm for octagonal pipe 60*          | 151,70 €  |
| <b>DELUX 60/20 R</b>                               | Radio motor 20 Nm for octagonal pipe 60*          | 162,20 €  |
| <b>DELUX 60/30 R</b>                               | Radio motor 30 Nm for octagonal pipe 60*          | 165,30 €  |
| <br><b>US-DELUX ALU</b>                            | Bracket for Aluminium                             | 1,40 €    |
| <b>US-DELUX PCV</b>                                | Bracket for PCV                                   | 1,60 €    |
| <b>US-DELUX RKS</b>                                | Bracket for BUILT-IN ROLLER SHUTTER               | 7,70 €    |
| <br><b>INTRONIC - ACCESSORIES FOR DELUX MOTORS</b> |   |           |
| <b>i-R Timer Plus</b>                              | Radio-controlled time switch                      | 106,50 €  |
| <b>i-R Control</b>                                 | Radio-controlled single-unit control              | 102,50 €  |
| <b>i-R Receive</b>                                 | Radio-controlled receiver                         | 56,50 €   |
| <b>i-R Transmit</b>                                | Radio-controlled transmitter                      | 107,90 €  |
| <b>i-R Receive Compact</b>                         | Radio-controlled receiver **                      | 85,20 €   |
| <b>i-R Light Sensor</b>                            | Radio-controlled light sensor                     | 96,00 €   |
| <b>i Light Sensor</b>                              | Light sensor                                      | 29,40 €   |
| <b>i Timer Plus</b>                                | Time switch                                       | 99,90 €   |
| <b>i Control</b>                                   | Individual control                                | 156,60 €  |
| <b>i SwitchPlus</b>                                | Pushbutton/switch                                 | 16,40 €   |
| <b>i-R Repeater</b>                                | Radio repeater                                    | 143,80 €  |
| <b>Kabel Delux</b>                                 | Motor setting device                              | 51,50 €   |
| <br><b>IVEO - ACCESSORIES FOR DELUX MOTORS</b>     |   |           |
| <b>iveo Wall Send</b>                              | Radio-controlled wall-mounted                     | 51,80 €   |
| <b>iveo Send 1 Basic</b>                           | Pilot iveo 1-kanałowy                             | 20,50 €   |
| <b>iveo Send 1 Mini</b>                            | Pilot iveo 1-kanałowy - brelok                    | 17,50 €   |
| <b>iveo Send 1 W</b>                               | Radio 1-channel transmitter ( WHITE )             | 53,20 €   |
| <b>iveo Send 1 B</b>                               | Radio 1-channel transmitter ( BLACK )             | 53,20 €   |
| <b>iveo Send 5 W</b>                               | Radio 5-channel transmitter ( WHITE )             | 69,70 €   |
| <b>iveo Send 5 B</b>                               | Radio 5-channel transmitter ( BLACK )             | 69,70 €   |
| <b>iveo Multi Send W</b>                           | Radio 10-channel transmitter with timer ( WHITE ) | 140,30 €  |
| <b>iveo Multi Send B</b>                           | Radio 1-channel transmitter with timer ( BLACK )  | 140,30 €  |

\* - the price of the motor is set: engine, handle, adapter, crown and regulatory key.

\*\* - there is no possibility of mounting in roller shutters: SK-137, SK-150 as well as in roller shutter CC1000 - PSK-135.

# PRICE LIST OF MOTORS AND CONTROL UNITS



| INDEX  | NAME   | PRICE IN Euro |
|--|--|---------------|
| <b>Elektromotoren LP&amp;P Plug&amp;Play - für Oktagonalwelle 60 mm:</b> |  |               |
| VOLTA 50 PP 6/17   | Motor P&P 6 Nm *                               | 94,00 €       |
| VOLTA 50 PP 10/17  | Motor P&P 10 Nm *                              | 95,50 €       |
| VOLTA 50 PP 15/17  | Motor P&P 15 Nm *                              | 97,50 €       |
| VOLTA 50 PP 20/17  | Motor P&P 20 Nm *,**                           | 100,00 €      |
| <b>Funkmotoren LP&amp;S-R Plug&amp;Play - für Oktagonalwelle 60 mm:</b>  |  |               |
| MARCONI 50 PS 6/17   | Funkmotoren P&P 6 Nm *                         | 102,00 €      |
| MARCONI 50 PS 10/17  | Funkmotoren P&P 10 Nm *                        | 106,00 €      |
| MARCONI 50 PS 15/17  | Funkmotoren P&P 15 Nm *                        | 108,00 €      |
| MARCONI 50 PS 20/17  | Funkmotoren P&P 20 Nm *,**                     | 112,00 €      |
| <b>Wandsender:</b>   |  |               |
| Go-p1 Elegance W   | Wandsender / 1-Kanal weiß                      | 32,50 €       |
| Go-p1 Elegance B   | Wandsender / 1-Kanal schwarz                   | 32,50 €       |
| <b>Handsender:</b>   |  |               |
| Go-4K  | 4-Kanal mini transmitter <b>NEW</b>            | 31,50 €       |
| Go-1 Elegance W  | 1-Kanal Handsender weiß                        | 31,50 €       |
| Go-1 Elegance B  | 1-Kanal Handsender schwarz                     | 31,50 €       |
| Go-4 Elegance W  | 4-Kanal Handsender weiß                        | 37,00 €       |
| Go-4 Elegance B  | 4-Kanal Handsender schwarz                     | 37,00 €       |
| Go-16 Elegance W   | 16-Kanal Handsender weiß                       | 92,50 €       |
| Go-16 Elegance B   | 16-Kanal Handsender schwarz                    | 92,50 €       |
| Go-6T W  | 6-Kanal Handsender mit Zeitschaltuhr weiß      | 86,50 €       |
| Go-6T B  | 6-Kanal Handsender mit Zeitschaltuhr schwarz   | 86,50 €       |
| <b>Funkempfänger:</b>  |  |               |
| Go-er platine  | Funk-Empfänger für bedrahte Antriebe ***       | 72,00 €       |
| Go-ER Mini   | Micro receiver for wired motors <b>NEW</b>     | 68,50 €       |
| Go-ER Mini Light   | Radio micro light receiver <b>NEW</b>          | 69,00 €       |
| <b>Solar automatics:</b>   |  |               |
| Sun-ER   | Wireless sun and temperature sensor <b>NEW</b> | 120,00 €      |



Go-4K - Mini transmitter



Go-ER Mini - Micro receiver  
for wired motors



Go-ER Mini Light - Radio  
micro light receiver



Sun-ER - Wireless sun  
and temperature sensor



## Elektromotoren - für Oktagonalwelle 60 mm:

|            |              |          |
|------------|--------------|----------|
| R 4-17-M17 | Motor (kurz) | 129,50 € |
|------------|--------------|----------|

\* - Satz (d.h. Motor, Halter, Adapter, Hochschiebesicherung).

Hochschiebesicherungen werden mit dem Motor nur beim Fertigprodukt angeboten.

\*\* - Produkt auf Sonderbestellung.

\*\*\* - Nicht in Verbindung mit den Motoren ILMO 50 S WT 6/17, Oximo S Auto RTS 6/17 verwenden.

Keine Möglichkeit der Montage im Vorbaurolladen mit SK-137, SK-150 und Aufsatzrolladen CC1000 mit PSK-135.

# PRICE LIST OF MOTORS AND CONTROL UNITS



| Nenndrehmoment<br>(Nm)   | Zugkraft des Antriebes bei der Höhe des Rolladens bis: |                |           |                |           |                | Motorlänge | Min. Breite des Rolladens: |                       |                  |       |
|--------------------------|--|----------------|-----------|----------------|-----------|----------------|------------|----------------------------|-----------------------|------------------|-------|
|                          | ø60  |                |           |                |           |                |            | Vorbaurolladen             | Aufsatzrolladen       |                  |       |
|                          | bis 1,5 m  | bis 1,5 m + WB | bis 2,5 m | bis 2,5 m + WB | bis 3,5 m | bis 3,5 m + WB |            |                            | Standard Walzenkapsel | RKS-Walzenkapsel |       |
| <b>LP&amp;P 6-16</b>     | 6 Nm   | -              | 11 kg     | -              | 10 kg     | -              | 9 kg       | 571 mm                     | 78 cm                 | 79 cm            | 73 cm |
| <b>ET-S 6-16</b>         | 6 Nm   | -              | 11 kg     | -              | 10 kg     | -              | 9 kg       | 390 mm                     | 60 cm                 | 61 cm            | 55 cm |
| <b>LP&amp;P 10-16</b>    | 10 Nm  | -              | 19 kg     | -              | 18 kg     | -              | 16 kg      | 591 mm                     | 80 cm                 | 81 cm            | 75 cm |
| <b>LP&amp;P 15-16</b>    | 15 Nm  | -              | 28 kg     | -              | 28 kg     | -              | 24 kg      | 691 mm                     | 90 cm                 | 91 cm            | 85 cm |
| <b>LP&amp;P 20-16</b>    | 20 Nm  | -              | 38 kg     | -              | 37 kg     | -              | 34 kg      | 691 mm                     | 90 cm                 | 91 cm            | 85 cm |
| <b>LP&amp;S-R 6-16</b>   | 6 Nm   | -              | 14 kg     | -              | 11 kg     | -              | 9 kg       | 546 mm                     | 75 cm                 | 77 cm            | 70 cm |
| <b>LP&amp;S-R 10-16</b>  | 10 Nm  | -              | 19 kg     | -              | 18 kg     | -              | 16 kg      | 571 mm                     | 78 cm                 | 79 cm            | 73 cm |
| <b>LP&amp;S-R 15-16</b>  | 15 Nm  | -              | 30 kg     | -              | 28 kg     | -              | 24 kg      | 591 mm                     | 80 cm                 | 81 cm            | 75 cm |
| <b>LP&amp;S-R 20-16</b>  | 20 Nm  | -              | 39 kg     | -              | 36 kg     | -              | 32 kg      | 606 mm                     | 81 cm                 | 83 cm            | 76 cm |
| <b>R 4-17-M17 BECKER</b> | 4 Nm   | -              | 9 kg      | -              | 8 kg      | -              | 7 kg       | 365 mm                     | 60 cm                 | 61 cm            | 56 cm |

## EXAMPLE:

A roller shutter with profile PA-39 mm has the dimensions of 250 cm × 250 cm. It means that the surface of the profile is 6,25 m<sup>2</sup>. This value should be multiplied by the weight of 1 square meter of profile PA39 mm, which is 2.8 kg ( $6,25 \times 2.8 \text{ kg} = 17,5 \text{ kg}$ ). In order to calculate the hoisting capacity of the motor, 17,5 km must be increased by 20% ( $17,5 \text{ kg} + 20\% = 21 \text{ kg}$ ). The height of roller shutter is above 2,5 m, for pipe ø 60, motor LP&P 15-16 should be chosen.

**CAUTION:** When choosing a motor you should remember about the weight of 1 m<sup>2</sup> of the profile, which is indicated below:

**PA-39 mm:** 2,8 kg/m<sup>2</sup>

**PA-45 mm:** 2,9 kg/m<sup>2</sup>

**PA-52 mm:** 3,0 kg/m<sup>2</sup>

**PVC-37 mm:** 3,5 kg/m<sup>2</sup>

**PVC-52 mm:** 4,0 kg/m<sup>2</sup>

+ 20 % safety stock

**CAUTION!** The manuals for connecting the motors to power supply are included in the assembly and 'operating instructions for the tubular motor' and section (only qualified and authorized electricians may carry out the connections).

When mounting the radio motors with electronic or mechanical limit system, in accordance with current standards the voltage 230V 50 Hz is required. In the case of deviations from these values, we recommend to use components for overvoltage protection B-C, and D.

# PRICE LIST OF MOTORS AND CONTROL UNITS

HOME MOTION by  
**somfy**<sup>®</sup>

| INDEX  | NAME  | PRICE IN Euro |
|--|---|---------------|
| <b>SERIES LS 40 - for octagonal pipe 40mm</b>  |   |               |
| 1021387  | NL40 LS 4/16 *                                    | 130,10 €      |
| 1021376  | NL40 LS 4/14 - short - 414 mm*                    | 148,40 €      |
| 1023336  | NL40 LS 9/16 *                                    | 143,20 €      |
| 1024186  | NL40 LS 13/10 *                                   | 158,90 €      |
| <b>SERIES LT 50 - for octagonal pipe 60 mm</b>   |   |               |
| 1032049  | LT 50 Ariane 6/17 *                               | 142,70 €      |
| 1037061  | LT 50 Jet 10/17 *                                 | 169,80 €      |
| 1039054  | LT 50 Atlas 15/17 *                               | 176,10 €      |
| 1041055  | LT 50 Meteor 20/17 *                              | 187,20 €      |
| 1043041  | LT 50 Gemini 25/17 *                              | 198,70 €      |
| 1049064  | LT 50 Mariner 40/17 *                             | 250,80 €      |
| 1051029  | LT 50 Vectran 50/12*                              | 256,20 €      |
| <b>SOLUS 40 - for octagonal pipe 40 mm</b>   |   |               |
| 1023321  | Solus 40 4/16 *                                   | 105,60 €      |
| <b>SOLUS 2 - for octagonal pipe 60 mm</b>  |   |               |
| 1032574  | Solus 2 PA 6/12*                                  | 86,20 €       |
| 1035183  | Solus 2 PA 8/12*                                  | 87,80 €       |
| 1037592  | Solus 2 PA 10/12*                                 | 91,90 €       |
| 1039504  | Solus 2 PA 15/12*                                 | 98,70 €       |
| 1041535  | Solus 2 PA 20/12*                                 | 107,10 €      |
| 1045455  | Solus 2 PA 30/12*                                 | 167,50 €      |
| 1049547  | Solus 2 PA 40/12*                                 | 186,10 €      |
| <b>SERIES LT 50 NHK with emergency lifting crank - for octagonal pipe 60 mm</b>                                    |   |               |
| 1037004  | LT 50 Jet 10/17 NHK*                              | 199,20 €      |
| 1041015  | LT 50 Meteor 20/17 NHK*                           | 231,00 €      |
| 1043005  | LT 50 Gemini 25/17 NHK*                           | 241,00 €      |
| 1049019  | LT 50 Mariner 40/17 NHK*                          | 279,20 €      |
| <b>ILMO WT - ELECTRONIC MOTOR WITH OVERLOAD SYSTEM "Plug &amp; Play" - for octagonal pipe 40 mm</b>                |   |               |
| For proper operation, it is required to use hangers latches and buffers in the bottom bar                          |   |               |
| 1130524  | ILMO 2 40 WT 4/16 *                               | 135,90 €      |
| 1130526  | ILMO 2 40 WT 9/16 *                               | 154,30 €      |
| 1130528  | ILMO 2 40 WT 13/10 *                              | 167,10 €      |
| <b>ILMO WT - ELECTRONIC MOTOR WITH OVERLOAD SYSTEM "Plug &amp; Play" - for octagonal pipe 60 mm</b>                |   |               |
| For proper operation, it is required to use blocking hangers and buffers in the bottom lath bumper in bottom lath. |   |               |
| 1130485  | ILMO 2 50 WT 6/17 *                               | 120,10 €      |
| 1130127  | ILMO 50 S WT 6/17 - short - only 375mm * ,** ,*** | 180,40 €      |
| 1130492  | ILMO 2 50 WT 10/17 *                              | 133,40 €      |
| 1131261  | ILMO 2 50 WT 15/17 *                              | 143,10 €      |
| 1132191  | ILMO 2 50 WT 20/17 *                              | 177,70 €      |
| 1133001  | ILMO 50 WT 30/17 *                                | 193,10 €      |
| 9014685  | Adapter of SW 60 + short crown                    | 9,20 €        |
| <b>OXIMO WT - MOTOR WITH OVERLOAD SYSTEM- CABLE VERSION - to octagonal pipe 60 mm</b>                              |   |               |
| For proper operation, it is required to use blocking hangers   |   |               |
| 1032578  | Oximo WT 6/17 *                                   | 170,80 €      |
| 1037582  | Oximo WT 10/17 *                                  | 185,50 €      |
| 1039493  | Oximo WT 15/17 *                                  | 194,00 €      |
| 1041529  | Oximo WT 20/17 *                                  | 204,90 €      |
| 1045446  | Oximo WT 30/17 *                                  | 224,90 €      |
| 1049541  | Oximo WT 40/17 *                                  | 250,50 €      |

\* - set (bracket, adapter, crown)

\*\* - do not use with the Go-er platine

\*\*\* - their is no possibility of mounting the motor in roller shutters: SK-137, SK-150 as well as in roller shutter CC1000 - PSK-135

# PRICE LIST OF MOTORS AND CONTROL UNITS

HOME MOTION by  
**somfy**<sup>®</sup>

| INDEX   | NAME  | PRICE IN Euro |
|---|---|---------------|
| <b>OXIMO RTS - RADIO MOTOR WITH OVERLOAD SYSTEM - for octagonal pipe 60 mm</b>  |   |               |
| <b>For proper operation, it is required to use blocking hangers</b>             |   |               |
| 1032392   | Oximo RTS 6/17 *  | 158,50 €      |
| 1130128   | Oximo S Auto RTS 6/17 - short - only 375 mm *,**                        | 181,00 €      |
| 1037389   | Oximo RTS 10/17 *   | 172,50 €      |
| 1039299   | Oximo RTS 15/17 *   | 182,00 €      |
| 1041380   | Oximo RTS 20/17 *   | 252,50 €      |
| 1045319   | Oximo RTS 30/17*  | 268,00 €      |
| 9014685   | Adapter of SW 60 + short crown  | 9,20 €        |
| <b>ALTUS 40 RTS - RADIO VERSION - for octagonal pipe 40 mm</b>                  |   |               |
| 1021343   | NL40 Altus 40 RTS 4/16 *  | 192,00 €      |
| 1023297   | NL40 Altus 40 RTS 9/16 *  | 208,00 €      |
| 1024179   | NL40 Altus 40 RTS 13/10 *   | 218,00 €      |
| <b>ALTUS 50 RTS - RADIO VERSION - for octagonal pipe 60 mm</b>                  |   |               |
| 1032916   | Altus 50 RTS 6/12 *   | 161,50 €      |
| 1037825   | Altus 50 RTS 10/12 *  | 164,50 €      |
| 1041784   | Altus 50 RTS 20/12 *  | 185,00 €      |
| 1045612   | Altus 50 RTS 30/12 *  | 196,50 €      |
| 1049707   | Altus 50 RTS 40/12 *  | 301,00 €      |
| <b>LT 50 NHK SERIES WITH BUILT-IN RTS 2 RECEIVER - for octagonal pipe 60 mm</b> |   |               |
| 1037030   | LT 50 Jet 10/17 NHK RTS 2 *   | 290,10 €      |
| 1041023   | LT 50 Meteor 20/17 NHK RTS 2 *  | 316,00 €      |
| 1045307   | LT 50 Apollo 30/17 NHK RTS 2 *  | 338,20 €      |
| <b>OXIMO 40 WireFree RTS - AUTONOME FUNKMOTOREN MIT SOLARVERSORGUNG</b>         |   |               |
| 1025165   | Satz OXIMO 40 WF RTS II 10/12, Adaptersatz ø40, Akku ohne Gehäuse ****  | 485,00 €      |
| 9019791   | Wandhalterungen für neuen Sonnenkollektor (Verkauf im Zweierset - Paar) | 12,00 €       |
| 9019795   | Ersatzakku für Oximo 40 Wirefree RTS ohne Gehäuse                       | 131,00 €      |
| 9015004   | Ersatzakku für Oximo 40 Wirefree RTS im Alu-Gehäuse                     | 224,00 €      |
| <b>SECURITIES</b>   |   |               |
| <b>BLOCKING HANGERS</b>   |   |               |
| WBZ1-40   | One-part blocking hanger for octagonal pipe ø 40                        | 5,20 €        |
| WBZ2-40   | Two-part blocking hanger for octagonal pipe ø 40                        | 5,20 €        |
| WBZ1-60   | One-part blocking hanger for octagonal pipe ø 60                        | 5,20 €        |
| WBZ2-60   | Two-part blocking hanger for octagonal pipe ø 60                        | 5,20 €        |

\* - set (bracket, adapter, crown)

\*\* - their is no possibility of mounting the motor in roller shutters: SK-137, SK-150 as well as in roller shutter CC1000 - PSK-135

\*\*\* - product available until in stock

\*\*\*\* - solar panel, battery and curtain for self-assembly, extra charge for packing loose curtain not installed in the roller shutter  
€ 4,75 net/pc., net amount after discount

# PRICE LIST OF MOTORS AND CONTROL UNITS



| INDEX                                 | NAME  | PRICE IN Euro |
|---------------------------------------|---|---------------|
| <b>INTEO Series</b>                   |   |               |
| <b>UNO switches</b>                   |   |               |
| 1800191                               | Inis Uno switch (support mode)  | 14,60 €       |
| 1800012                               | Inis Uno T switch (non-support mode)                                    | 15,00 €       |
| 1800192                               | Inis Duo switch (support mode)  | 21,00 €       |
| 1800025                               | Inis Duo T switch (non-support mode)                                    | 21,00 €       |
| 9001244                               | Obudowa natynkowa do Inis Uno oraz Inis Duo                             | 4,60 €        |
| <b>PUSH-BUTTON SWITCHES</b>           |   |               |
| 1800286                               | Push-button switch with a support mode, under-plaster, cream            | 37,00 €       |
| 1800282                               | Push-button switch with a non-support mode, under-plaster, cream        | 38,50 €       |
| 1800008                               | Push-button switch with a support mode, waterproof, onplaster, grey     | 33,50 €       |
| 1800007                               | Push-button switch with a non-support mode, waterproof, onplaster, grey | 33,50 €       |
| <b>KEY SWITCHES, IP 65 WATERPROOF</b> |   |               |
| 1800244                               | Key switch with non-support mode, on plaster                            | 69,60 €       |
| 1800245                               | Key switch with non-support mode, under plaster                         | 69,60 €       |
| 1800246                               | Key switch with a support mode, on plaster                              | 55,00 €       |
| 1800247                               | Key switch with a support mode, under plaster                           | 55,00 €       |
| <b>Timer - CHRONIS UNO</b>            |   |               |
| 1805099                               | Chronis Uno Smart   | 94,00 €       |
| 1805130                               | Chronis Uno L Comfort/ with no sensor                                   | 107,80 €      |
| 9709686                               | Light sensor with 2m cable  | 37,50 €       |
| <b>MOTOR SETUP CABLE</b>              |   |               |
| 9015971                               | Universal setup cable for io/RTS/WT/LT/LS/Solus/J4 - Somfigurator       | 90,10 €       |

## IB WIRED CONTROL UNIT

| SWITCHES AND CONTROL UNITS |                                  |         |
|----------------------------|----------------------------------|---------|
| 1811203                    | Smoove UNO IB + Pure shine       | 83,00 € |
| 1811204                    | Smoove UNO IB + Silver shine     | 83,00 € |
| 1811205                    | Smoove UNO IB + Black shine      | 83,00 € |
| 1811272                    | Central switch Smoove Origin IB+ | 41,50 € |

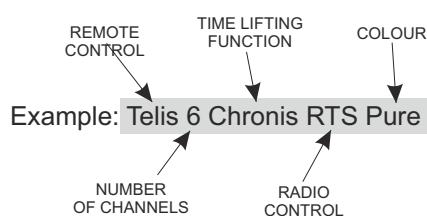
# PRICE LIST OF MOTORS AND CONTROL UNITS

HOME MOTION by  
**somfy**<sup>®</sup>

| INDEX  | NAME   | RTS RADIO CONTROL | PRICE IN Euro |
|--|--|-------------------|---------------|
| <b>WALL-MOUNTED RTS TRANSMITTERS</b>           |  |                   |               |
| 1810881  | Smoove 1 RTS Pure shine  |                   | 50,50 €       |
| 1810882  | Smoove 1 RTS Black shine   |                   | 50,50 €       |
| 1810883  | Smoove 1 RTS Silver shine  |                   | 53,50 €       |
| 1811045  | Smoove Origin RTS complete whit white frames                         |                   | 39,50 €       |
| 1811361  | Shutter in-wall RTS sender   |                   | 60,00 €       |
| <b>FRAMES FOR SMOOVE 1 RTS TRANSMITTERS</b>    |  |                   |               |
| 9015022  | Smoove Pure frame  |                   | 3,20 €        |
| 9015023  | Smoove Black frame   |                   | 8,90 €        |
| 9015024  | Smoove Silver frame  |                   | 8,90 €        |
| 9015025  | Smoove Silver mat frame  |                   | 8,90 €        |
| 9015238  | Smoove Pure frame - double   |                   | 5,00 €        |
| 9015027  | Light bamboo Smoove frame  |                   | 23,60 €       |
| 9015026  | Amber bamboo Smoove frame  |                   | 23,60 €       |
| 9015236  | Cherry Smoove frame  |                   | 23,60 €       |
| 9015237  | Walnut Smoove frame  |                   | 23,60 €       |
| <b>1-CHANNEL RTS REMOTES</b>                   |  |                   |               |
| 1810936  | Telis 1 Pure RTS INTL  |                   | 39,50 €       |
| 1810941  | Telis 1 Silver RTS INTL  |                   | 54,50 €       |
| 1810939  | Telis 1 Lounge RTS INTL  |                   | 70,50 €       |
| <b>5-CHANNEL RTS REMOTES</b>                   |  |                   |               |
| 1810937  | Telis 4 Pure RTS INTL  |                   | 71,00 €       |
| 1810940  | Telis 4 Silver RTS INTL  |                   | 82,00 €       |
| 1810938  | Telis 4 Lounge RTS INTL  |                   | 103,00 €      |
| <b>16-CHANNEL RTS REMOTES</b>                  |  |                   |               |
| 1811079  | Telis 16 RTS Pure  |                   | 167,50 €      |
| 1811080  | Telis 16 RTS Silver  |                   | 183,00 €      |
| <b>RTS REMOTE CONTROLS WITH BUILT-IN TIMER</b> |  |                   |               |
| 1805215  | Telis 6 Chronis RTS Pure   |                   | 211,00 €      |
| 1805216  | Telis 6 Chronis RTS Silver   |                   | 234,00 €      |
| <b>SOLAR AUTOMATICS</b>                        |  |                   |               |
| 9013707  | Sunis Indoor WireFree RTS - radio solar sensor                       |                   | 127,00 €      |
| 9013708  | Thermosunis Indoor WireFree RTS - radio solar and temperature sensor |                   | 162,00 €      |
| 9013075  | Sunis WireFree RTS - autonomous solar sensor                         |                   | 206,50 €      |

## The importance of symbols SOMFY

| SYMBOL  | DESCRIPTION                                |
|---------|--|
| LS      | automatic limit settings (adjusting screw) |
| LT      | automatic limit settings (pushbutton)      |
| NHK     | emergency lifting mechanism                |
| WT      | wired control                              |
| RTS     | radio control                              |
| UNO     | 1-motor control                            |
| DUO     | 2-motor control                            |
| CHRONIS | fixed-time roller shutter lifting function |
| SMART   | basic version                              |
| COMFORT | advanced version                           |
| IB      | low-voltage control                        |
| TELIS   | remote control                             |



# PRICE LIST OF MOTORS AND CONTROL UNITS



| INDEX                                  | NAME  | PRICE IN Euro |
|--|---|---------------|
| SWITCHES, CONTROL DEVICES, ACCESSORIES |   |               |
| RTS RECEIVERS                          |   |               |
| 1810217                                | Centralis Uno RTS   | 104,50 €      |
| 1810096                                | Centralis Indoor RTS (under-plaster; Jung CD 500; snow-white) | 94,50 €       |
| 1810315                                | Centralis Platine RTS (receiver RTS for a box)*, **           | 108,50 €      |
| 1811244                                | RTS mini-receiver for roller shutters                         | 95,00 €       |
| 1810750                                | Dry Contact receiver  | 99,50 €       |

\* - do not use with the Somfy's wire motors for ø 40 pipe, with SOLUS motors and LT NKH motors.

\*\* - there is no possibility of mounting the motor in roller shutters: SK-137, SK-150 as well as in roller shutter CC1000 - PSK-135

| Nominal speed<br>RPM | Roller shutter hoisting capacity |         |        |         |             |         |       |         |             |         |
|----------------------|----------------------------------|---------|--------|---------|-------------|---------|-------|---------|-------------|---------|
|                      | Up to 1,5 m                      |         |        |         | Up to 2,5 m |         |       |         | Up to 3,5 m |         |
|                      | ø 40                             | ø 40+WB | ø 60   | ø 60+WB | ø 40        | ø 40+WB | ø 60  | ø 60+WB | ø 60        | ø 60+WB |
| 4/16                 | 12 kg                            | 9 kg    | -      | -       | 10 kg       | 8 kg    | -     | -       | -           | -       |
| 9/16                 | 24 kg                            | 20 kg   | -      | -       | 20 kg       | 19 kg   | -     | -       | -           | -       |
| 13/10                | 39 kg                            | 28 kg   | -      | -       | 32 kg       | 28 kg   | -     | -       | -           | -       |
| 6/17                 | -                                | -       | 15 kg  | 11 kg   | -           | -       | 12 kg | 10 kg   | 11 kg       | 9 kg    |
| 8/12                 | -                                | -       | 20 kg  | 15 kg   | -           | -       | 16 kg | 13 kg   | 14 kg       | 12 kg   |
| 10/17                | -                                | -       | 25 kg  | 19 kg   | -           | -       | 21 kg | 18 kg   | 18 kg       | 16 kg   |
| 15/17                | -                                | -       | 37 kg  | 28 kg   | -           | -       | 32 kg | 28 kg   | 27 kg       | 24 kg   |
| 20/17                | -                                | -       | 50 kg  | 38 kg   | -           | -       | 43 kg | 37 kg   | 37 kg       | 34 kg   |
| 25/17                | -                                | -       | 63 kg  | 47 kg   | -           | -       | 53 kg | 45 kg   | 46 kg       | 42 kg   |
| 30/17                | -                                | -       | 75 kg  | 57 kg   | -           | -       | 64 kg | 55 kg   | 55 kg       | 51 kg   |
| 40/17                | -                                | -       | 100 kg | 75 kg   | -           | -       | 85 kg | 75 kg   | 74 kg       | 68 kg   |
| 50/12                | -                                | -       | 112 kg | 85 kg   | -           | -       | 96 kg | 83 kg   | 84 kg       | 76 kg   |

**EXAMPLE:** A roller shutter with profile PA-39 mm has the dimensions of 1.5 × 2.0 m. It means that the surface of the profile is 3,00 m<sup>2</sup> (1.5 m × 2 m = 3 m<sup>2</sup>). This value should be multiplied by the weight of 1 square meter of profile PA39 mm, which is 2.8 kg (3 × 2.8 kg=8.4 kg). In order to calculate the hoisting capacity of the motor, 8.4 kg must be increased by 20% (8.4 kg + 20% = 10.08 kg). The height of roller shutter is above 1,5 m, the hoisting capacity is 10.0 kg, for pipe Ø 40, motor 9/16 should be chosen, whereas for pipe Ø 60, motor 6/17 should be chosen.

# PRICE LIST OF MOTORS AND CONTROL UNITS



| INDEX  | NAME  | PRICE IN Euro |
|--|---|---------------|
| <b>10 - HOMECONTROL</b>  |   |               |
| <b>IO-HOMECONTROL - TaHoma &amp; Connexoon</b>   |   |               |
| 1811478  | TaHoma® Premium – central control unit io&RTS   | 462,50 €      |
| 1811480  | TaHoma® Premium Base – security base with alarm buzzer 85 dB                              | 330,00 €      |
| 1811429  | Connexoon box – one application to select from: Window, Terrace, Access                   | 179,50 €      |
| 1811465  | Connexoon box – two applications: Window & Access   | 205,00 €      |
| <b>IO - HOMECONTROL - ø40 MOTORS FOR ROLLER SHUTTERS</b>   |   |               |
| For proper operation, it is required to use blocking hangers   |   |               |
| 1030116  | Oximo 40 io 4/16  | 214,90 €      |
| 1038015  | Oximo 40 io 9/16  | 231,10 €      |
| 1039948  | Oximo 40 io 13/10   | 243,80 €      |
| <b>IO - HOMECONTROL - ø60 MOTORS FOR ROLLER SHUTTERS</b>   |   |               |
| For proper operation, it is required to use blocking hangers   |   |               |
| 1032700  | Oximo 50 io 6/17  | 193,60 €      |
| 1130334  | Oximo S Auto io 6/17 - short - 375 mm *   | 224,90 €      |
| 1037686  | Oximo 50 io 10/17   | 214,40 €      |
| 1039589  | Oximo 50 io 15/17   | 224,90 €      |
| 1041627  | Oximo 50 io 20/17   | 256,40 €      |
| 1045513  | Oximo 50 io 30/17   | 282,50 €      |
| 1049605  | Oximo 50 io 40/17   | 319,20 €      |
| 9014685  | Adapter of SW 60 + short crown  | 9,20 €        |
| <b>RS100 IO - Elektro-Funkmotoren ø60 für Rollläden mit Hindernis- und Vereisungserkennung sowie mit der Motordrehzahländerung</b> |   |               |
| Zum richtigen Funktionieren werden die Hochschiebesicherung  |   |               |
| 1033335  | RS100 io 6/17 VVF 3m <b>NEW</b>   | 225,00 €      |
| 1033336  | RS100 io 10/17 VVF 3m <b>NEW</b>  | 245,00 €      |
| 1033337  | RS100 io 15/17 VVF 3m <b>NEW</b>  | 257,50 €      |
| 1033338  | RS100 io 20/17 VVF 3m <b>NEW</b>  | 275,00 €      |
| <b>RS100 IO &amp; WT - Elektro-Funkmotoren ø60 für Rollläden mit Hindernis-, Vereisungserkennung und der Motordrehzahländerung</b> |   |               |
| Steuerung per Funk und per leitungsgebundenen Wandschalter. Zum richtigen Funktionieren werden die Hochschiebesicherung            |   |               |
| 1033339  | RS100 ioWT 6/17 VVF 2,5m - hybryd <b>NEW</b>  | 232,50 €      |
| 1033340  | RS100 ioWT 10/17 VVF 2,5m - hybryd <b>NEW</b>   | 250,00 €      |
| 1033341  | RS100 ioWT 15/17 VVF 2,5m - hybryd <b>NEW</b>   | 267,50 €      |
| 1033342  | RS100 ioWT 20/17 VVF 2,5m - hybryd <b>NEW</b>   | 280,00 €      |
| <b>IO-HOMECONTROL - ACCESORIES FOR TAHOME BOX</b>  |   |               |
| 18222303   | THERMIS WIREFREE io - temperature sensor for TaHoma box                                   | 120,30 €      |
| 1824035  | SCENARIO PLAYER - control point allowing the user to start scenarios programmed in Tahoma | 47,20 €       |
| 1811481  | Indoor motion sensor TaHoma   | 100,10 €      |
| 1811482  | Connected opening sensor TaHoma   | 95,40 €       |
| 1875056  | Öffnungssensor – weiß (Tür/Fenster) <b>NEW</b>  | 76,50 €       |
| 1875057  | Öffnungssensor – braun (Tür/Fenster) <b>NEW</b>   | 80,00 €       |
| 1811483  | Smoke sensor  | 111,80 €      |
| 1822492  | USB-Schnittstelle für Z-WAVE <b>NEW</b>   | 55,50 €       |
| <b>COMPUTER PROGRAMMING DEVICE FOR IO-HOMECONTROL UNIT</b>   |   |               |
| 9017035  | Set&Go io   | 246,60 €      |

\* - their is no possibility of mounting the motor in roller shutters: SK-137, SK-150 as well as in roller shutter CC1000 - PSK-135

# PRICE LIST OF MOTORS AND CONTROL UNITS



| INDEX   | NAME   | PRICE IN Euro |
|---|--|---------------|
| <b>IO - HOMECONTROL</b>   |  |               |
| <b>IO - HOMECONTROL - NiNa group control remote controllers 2W</b>    |  |               |
| 1811407   | Nina Timer io - bidirektionale Touch-Display Steuerung mit Zeitempomatik   | 244,80 €      |
| 1805251   | NiNa Centralization – individual and group control   | 234,60 €      |
| <b>IO - HOMECONTROL - Group control remote controllers 1W</b>         |  |               |
| 1870312   | Situo 1 io Pure II * <i>NEW</i>  | 44,10 €       |
| 1870316   | Situo 1 io Iron II * <i>NEW</i>  | 69,50 €       |
| 1870320   | Situo 1 io Natural II * <i>NEW</i>   | 69,50 €       |
| 1870324   | Situo 1 io Arctic II * <i>NEW</i>  | 69,50 €       |
| 1870328   | Situo 5 io Pure II ** <i>NEW</i>   | 69,50 €       |
| 1870336   | Situo 5 io Natural II ** <i>NEW</i>  | 89,70 €       |
| 1870340   | Situo 5 io Arctic II ** <i>NEW</i>   | 89,70 €       |
| <b>IO - HOMECONTROL - WETTERSENSOREN IO</b>                           |  |               |
| 1818285   | Sunis WireFree II io - TaHoma Sonnensensor   | 115,00 €      |
| <b>IO- HOMECONTROL - FUNKHANDSENDER IO 1W</b>                         |  |               |
| 1805228   | Chronis io Pure - Wochentimer  | 142,80 €      |
| <b>IO - HOMECONTROL - FUNKWANDSENDER FÜR DIE VOR-ORT-BEDIENUNG 1W</b> |  |               |
| 1811066   | Smoove Origin io, mit Rahmen Pure  | 47,20 €       |
| 1811003   | Smoove 1 io Pure Shine   | 55,90 €       |
| 1811005   | Smoove 1 io Black Shine  | 56,20 €       |
| 1811007   | Smoove 1 io Silver Shine   | 62,80 €       |
| 1811013   | Smoove 1 A/M Pure Shine  | 62,80 €       |
| 1811014   | Smoove 1 A/M Silver Shine  | 62,80 €       |
| 1811015   | Smoove 1 A/M Black Shine   | 62,80 €       |
| <b>IO-HOMECONTROL - FUNKWANDSENDER 1W SMOOVE RS100 IO</b>             |  |               |
| 1811315   | Smoove RS100 io Pure Shine /ohne Rahmen/ <i>NEW</i>  | 65,00 €       |
| 1811316   | Smoove RS100 io Black Shine /ohne Rahmen/ <i>NEW</i>   | 65,00 €       |
| 1811317   | Smoove RS100 io Silver Shine /ohne Rahmen/ <i>NEW</i>  | 65,00 €       |
| <b>IO - HOMECONTROL - RAHMEN FÜR FUNKWANDSENDER SMOOVE 1 IO</b>       |  |               |
| 9015022   | Smoove Rahmen Pure   | 3,20 €        |
| 9015023   | Smoove Rahmen Black  | 8,90 €        |
| 9015024   | Smoove Rahmen Silver   | 8,90 €        |
| 9015025   | Smoove Rahmen Silver mat   | 8,90 €        |
| 9015238   | Smoove Rahmen Pure - doppel  | 5,00 €        |
| 9015027   | Smoove Rahmen Light bamboo   | 23,60 €       |
| 9015026   | Smoove Rahmen Amber bamboo   | 23,60 €       |
| 9015236   | Smoove Rahmen Cherry   | 23,60 €       |
| 9015237   | Smoove Rahmen Walnut   | 23,60 €       |
| <b>IO - HOMECONTROL - WEITERE STEUERUNGEN <i>NEW</i></b>              |  |               |
| 1822611   | Funkempfänger für Beleuchtung, WHITE LED Receiver io, mit Dimmer, 4 Kanäle zum Anschluss von LED-Dioden  | 157,50 €      |
| 1822612   | Funkempfänger für Beleuchtung- RGB LED Receiver io, mit Dimmer, 3 Kanäle zum Anschluss von RGB-Dioden + ein Kanal zum Anschluss von White-Dioden | 167,50 €      |
| 1822613   | Funkempfänger für Beleuchtung, TUNABLE WHITE LED Receiver io, mit Dimmer, 2 Kanäle zum Anschluss von LED-Dioden                                  | 167,50 €      |
| 1822617   | Funkempfänger Plug io ON/OFF Typ E   | 89,00 €       |
| 1811583   | Funkempfänger Smoove Uno io Pure mit Rahmen  | 157,50 €      |
| 9014069   | Repeater II io   | 510,00 €      |

\* - Device replaces previous Situo 1 io remotes

\*\* - Device replaces previous Situo 5 io remotes

# TUBULAR MOTORS FOR ROLLER SHUTTERS

HOME MOTION by  


| Motor power (Nm)            | Roller shutter hoisting capacity |                  |                  | Minimum roller shutter widths |                             |
|-----------------------------|----------------------------------|------------------|------------------|-------------------------------|-----------------------------|
|                             | <b>ø60</b>                       |                  |                  | External roller shutters      | Top-mounted roller shutters |
|                             | up to 1,5 m + WB                 | up to 2,5 m + WB | up to 3,5 m + WB |                               |                             |
| <b>Oximo io 6/17</b>        | 6 Nm                             | 11 kg            | 10 kg            | 9 kg                          | 83 cm      78 cm **         |
| <b>Oximo S Auto io 6/17</b> | 6 Nm                             | 11 kg            | 10 kg            | 9 kg<br>(41 - 47 cm )*        | 54 cm **<br>(44 - 50 cm)*   |
| <b>Oximo io 10/17</b>       | 10 Nm                            | 19 kg            | 18 kg            | 16 kg                         | 88 cm      83 cm **         |
| <b>Oximo io 15/17</b>       | 15 Nm                            | 28 kg            | 28 kg            | 24 kg                         | 88 cm      83 cm **         |
| <b>Oximo io 20/17</b>       | 20 Nm                            | 38 kg            | 37 kg            | 34 kg                         | 88 cm      83 cm **         |
| <b>Oximo io 30/17</b>       | 30 Nm                            | 57 kg            | 55 kg            | 51 kg                         | 90 cm      85 cm **         |
| <b>Oximo io 40/17</b>       | 40 Nm                            | 75 kg            | 75 kg            | 68 kg                         | 97 cm      92 cm **         |

\* - cap for SW60 + very short pipe crown (art. 9 014 685)

\*\*- minimum width using RKS mounting

## EXAMPLE:

A roller shutter with profile PA-39 mm has the dimensions of 250 cm × 250 cm. It means that the surface of the profile is 6,25 m<sup>2</sup>. This value should be multiplied by the weight of 1 square meter of profile PA39 mm, which is 2.8 kg (6,25 × 2.8 kg=17,5 kg). In order to calculate the hoisting capacity of the motor, 17,5 kg must be increased by 10% (17,5 kg + 10% = 19,25 kg). The height of roller shutter is above 2,5 m, for pipe ø 60, motor Oximo io 15/17 should be chosen.

**CAUTION!** When choosing a motor you should remember about the weight of 1 m<sup>2</sup> of the profile, which is indicated below:

|                   |                             |
|-------------------|-----------------------------|
| <b>PA-39 mm:</b>  | <b>2,8 kg/m<sup>2</sup></b> |
| <b>PA-45 mm:</b>  | <b>2,9 kg/m<sup>2</sup></b> |
| <b>PA-52 mm:</b>  | <b>3,0 kg/m<sup>2</sup></b> |
| <b>PVC-37 mm:</b> | <b>3,5 kg/m<sup>2</sup></b> |
| <b>PVC-52 mm:</b> | <b>4,0 kg/m<sup>2</sup></b> |

+ 10 % safety stock

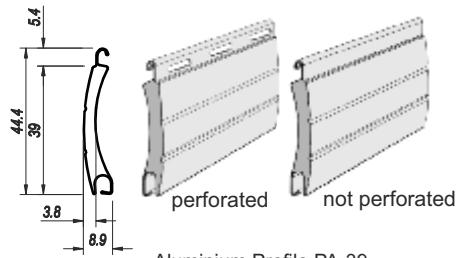
**CAUTION!** The manuals for connecting the motors to power supply are included in the assembly and 'operating instructions for the tubular motor' and section (only qualified and authorized electricians may carry out the connections).

When mounting the radio motors with electronic or mechanical limit system, in accordance with current standards the voltage 230V 50 Hz is required. In the case of deviations from these values, we recommend to use components for overvoltage protection B-C, and D.

# ALUMINIUM PROFILE PA-39

## DESCRIPTION

|                               |                    |
|-------------------------------|--------------------|
| Profile's height:             | 39 mm              |
| Q-ty of slats per 1m height:  | 26 pcs.            |
| Max. width:                   | 2500 mm            |
| Max. curtain surface:         | 6,5 m <sup>2</sup> |
| Weight per 1 m <sup>2</sup> : | 2,8 kg             |



Aluminium Profile PA-39  
Available colours – 22

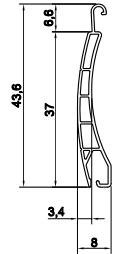


**Texture of Colours** – golden oak, walnut, winchester, mahogany, wenge – may be different. The Portos Company will not consider a complaint from this reasons.  
**NOTE** - the colour samples presented above can to some extent vary from the actual colours.

**DESCRIPTION****PVC PROFILE 37**

|                               |                    |
|-------------------------------|--------------------|
| Profile's height:             | 37 mm              |
| Q-ty of slats per 1m height:  | 27 pcs.            |
| Max. width:                   | 1600 mm            |
| Max. curtain surface:         | 3,0 m <sup>2</sup> |
| Weight per 1 m <sup>2</sup> : | 3,5 kg             |

PVC - 37 X02  
WHITE



perforated

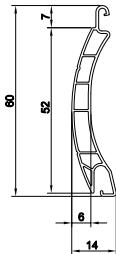
PVC - 37 X03  
GREY

PVC - 37 X05  
BEIGE

**DESCRIPTION****PVC PROFILE 52**

|                               |                    |
|-------------------------------|--------------------|
| Profile's height:             | 52 mm              |
| Q-ty of slats per 1m height:  | 19 pcs.            |
| Max. width:                   | 1600 mm            |
| Max. curtain surface:         | 4,3 m <sup>2</sup> |
| Weight per 1 m <sup>2</sup> : | 4,0 kg             |

PVC - 52 X02  
WHITE



perforated

PVC - 52 X03  
GREY

PVC - 52 X05  
BEIGE

PVC profile PVC-37 and PVC-52 available in 3 colours