

INTEGRAL SCREEN

SC1000 Enviro

art.nr. 062692

0. EXPLODED VIEW DRAWING

ITEM NO.	Article no.	DRAWING NUMBER	DESCRIPTION	QTY.
1	62456	P1300046	Side console left	1
2	62457	P1300047	Side console right	1
3	62454	P1300044	Box profile	1
4	62455	P1300045	Base plate	1
5	62463	P1300065	Hinged section of the guide rail 1120	1
6	60260	P1100216	Klemme voor deksel	5
7	62462	P1300063	Clips for cover 1120	1
8	60272	P1100220	Bottom latch	1
9	45979	P0800179	Leaf spring for zipper guide	-
10	1382	-	DIN 7982 ST3.5x16	4
11	21357	P0200107	Roll dia. 78x1.25 Steel	1
12	62459	P1300049	Insert module left	1
13	62460	P1300050	Insert module right	1
14	62468	P1300048	Base plate toucher	2
15	62617	-	DIN 912 M8 x 18	4
16	62562	P1300079	End stop left	1
17	042703	-	DIN 7981 3.5 x 13 Stainless Steel	2
18	2252	DIN 7982 ST 4.8 x 16	-	8
19	15016	-	DIN 945 M5x16	2
20	30922	-	DIN 7982 2.9 x 13	4
21	61083	-	DIN 7982 ST2.9 x 6.5	2
22	61274	P1200111	Clamp element right	1
23	61273	P1200110	Clamp element left	1
24	61275	P1200112	Base section of the bottom latch sliding block - wind resistant right	1
25	61276	P1200113	Base section of the bottom latch sliding block - wind resistant left	1
26	39413	P1300084	Adjustment profile (AU L profile)	1
27	62618	-	Cable clamp	4
28	62619	-	Self-adhesive cable duct	1
29	62461	P1300047	Clip profile	2
30	47161	p0800170	Zipper guide profile	1
31	60271	P1100219	Holder for zipper profile	1
32	60333	P1100234	Conical gudgeon dia 78	2
33	44746	p0800019	Gudgeon roll 50 with square hole	1
34	44258	p0700158	steel roll for square hole	1
35	62704	P1400010	End cap clips	2
36	042563	P1300083	End stop right	1

Not specified dimension and shape tolerance according to:

CREATED: 31/05/2013

PRINTED: 13/03/2014

EUROPEAN PROJECTION

DRAWN: SHEET: 1 OF 1

MEASUREMENT UNIT: mm

COLOUR: GROSS

AREA: n/a

PAINT AREA: n/a

STATUS: WIP

SCALE: 1:20

Not specified wall thickness

SC1000 Enviro

Exploded view

MATERIAL: n/a

S.G.: n/a

VOLUME: n/a

WEIGHT: n/a

PLAN NUMBER: D13-00013 - #_02

ARTICLE NUMBER:

PROPERTY OF HAROL

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Format A3

WHEN ASSEMBLING ALWAYS READ THE INSTALLATION INSTRUCTIONS!!!

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1. GENERAL

The Enviro or the SC1000 integral screen is a vertical outside sun protection screen, which is first mounted on to a window frame, and then placed with frame and all into the outside wall.

It consists of:

- A screen box with a removable, motor-operated fabric roll along the bottom
- A special polyester or glass fibre fabric with zipper that is retracted into the box
- Two-piece guide rail that has removable holders for zipper guides
- A weighted bottom lath to maintain the fabric tension on the cloth and ensure the correct guidance of the screen fabric. In rolled-up position the bottom lath is fully retracted into the box.

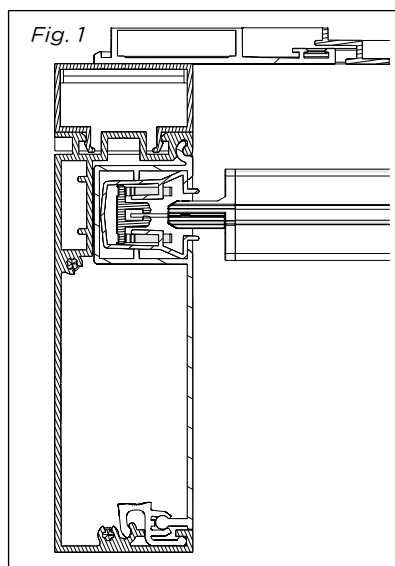


Fig. 1:
Zipper system

The SC1000 is provided with a zipper system that ensures the fabric remains properly tensioned at every height of the bottom lath, which prevents the fabric from pulling out of the guide rails. On the left and right the fabric is finished with a zipper, of which the thicker sides slide into a plastic zipper profile. The zipper profile is placed in a plastic zipper profile holder, which in turn is placed in an aluminium hinged section of the guide rail 1120. The clips ensure that the hinged section clicks into place in the base section of the standard guide rail 1120 (see figure 1).

The screens offer:

- Excellent sun protection or obscuration
- By daylight, in a lowered position a view outside (does not apply to the obscuration blind!)

For the available colours of the box, bottom lath and guide rails and for available fabrics, please see the colour chart in the price list for sun protection systems and the files with the fabric ranges.

2. DIMENSIONS

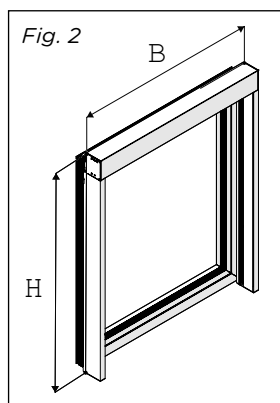


Fig. 2:
Finished dimensions

The dimensions to be specified are the width W and the height H.

The finished width W is equal to the width of the box, which also corresponds to the distance between the outer sides of the left and right guide rails. This width is not always the width of the window, but depends on the window finish (figure 3). For more clarity with regard to the finishing options, see page 16.

The finished height H is equal to the height including the box height and the end caps of the guide rails.

Both dimensions are expressed in mm (figure 2).

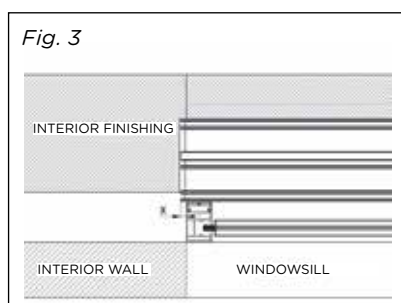


Fig. 3:
Window finish

The maximum width is 5 m and the height 4.9 m. The maximum surface area is 14 m². The minimum and maximum values for width and height with regard to the type of motor chosen, can be found on page 7 in table 2.

All possible width-height combinations are shown in the roll-up tables, by type of fabric.

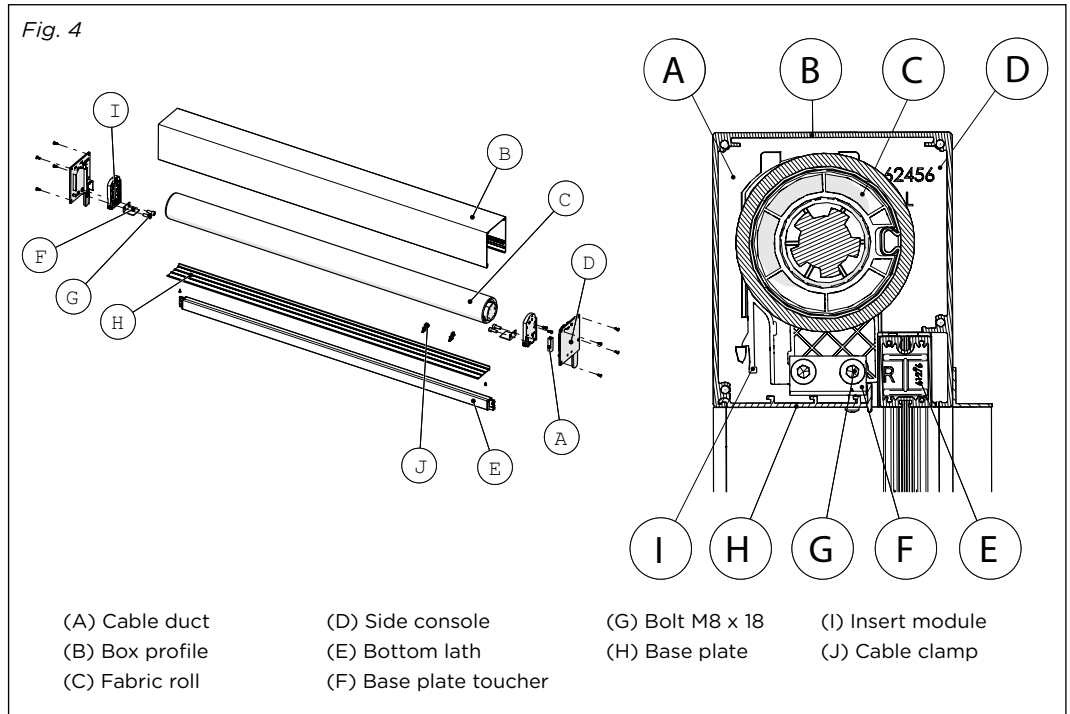


Fig. 4:
General construction
and cross-section of the
screen box

3. SCREEN BOX

The outside frame of the screen box is made up of 2 parts of extruded aluminium: the U-shaped box profile (B) and the hinged base plate (H). The sides are sealed with side consoles (D), in which a removable fabric roll (C) can be placed using the insert modules (I). The base plate touchers (F), together with the insert modules, are secured to the side consoles using bolts (G). Then the sides of the base plate can be bolted to these touchers.

There is a cable duct (A) on the side console and a cable clamp (J) on the base plate to keep the motor cable in place.

There is one type of box available for the SC1000 Enviro integral screen. The dimensions of the box cross-section are 122 mm x 140 mm.



Make sure that the base plate of the screen box and the hinged section of the guide rail (see page 8 under 8. guide rails) can always be opened, so that the mechanical parts inside are accessible at all times. If this rule is not respected, Harol cannot be held responsible for the cost of demolition work or any paint work or wallpapering!

NB! If the box is installed the other way round, it should be possible to open the window inwards. In the event of a technical fault when the shutter is down, you must access the box along the inside.

4. FABRIC ROLL

Depending on the width and the type of fabric, either the Ø 67 extruded aluminium roll or the Ø 78 roll made of galvanised steel or Ø 85 is used (see table 1).

The fabric rolls have a groove for attaching the fabric, using a canvas rod of Ø 4 mm for the Ø 67 roll and a canvas rod of Ø 6 mm for the Ø 78 roll and the Ø 85 roll.

A conical gudgeon is placed on both sides of the fabric roll. On the drive side, this is an open gudgeon to fit the motor into.

The minimum and maximum dimensions with regard to the roll diameter and the type of motor can be found in table 2 on page 7.

	ROLL Ø 67	ROLL Ø 78	ROLL Ø 85
Material	Aluminium	Galvanized steel	Galvanized steel
Canvas rod	Ø 4 mm	Ø 6 mm grooved	Ø 6 mm grooved
Overall width of the blind			
Soltis 86/92	645 - 3000 mm	3001 - 4000 mm	-
Serge 600	645 - 3400 mm	3401 - 4500 mm	4501 - 5000 mm
Serge 1%	645 - 3500 mm	3401 - 4500 mm	-
Block-out Lunar	645 - 3500 mm	3401 - 4500 mm	-
Black-out B92	645 - 3000 mm	3001 - 4000 mm	-

Table 1:
Overview of fabric rolls

For order widths below 815 mm, the AS Ø55 is required for several motors: IO-40 (665-814 mm), RTS-40 (655-764 mm) en LS-40 (655-674 mm)

5. SIDE CAPS

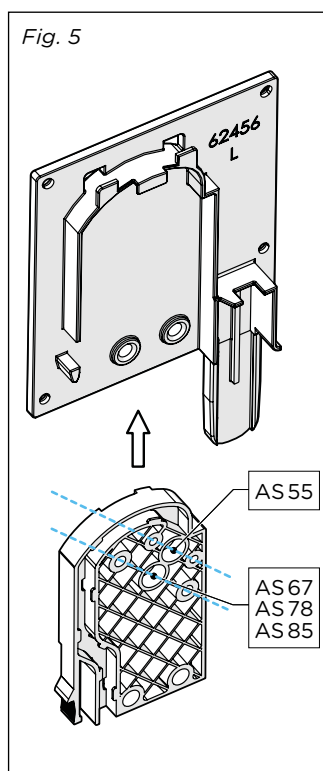


Fig. 5: Side caps

The side caps consist of two separate parts:

- A fixed side console
- An insert module

Side consoles (122 x 140 mm)

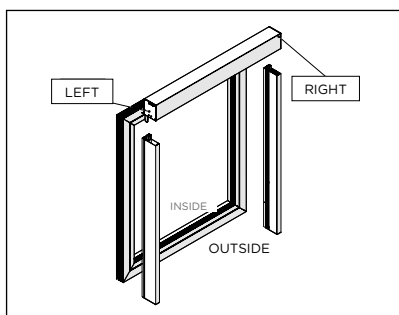
The aluminium side consoles have an integral pivot that fits in the base section of the guide rail. On the inside there are vertical ridges, one of which the bottom lath fits into and one for sliding the insert module into. The insert module can click securely into the lip.

Insert modules (66.5 x 115 mm)

The insert modules are made of polyamide reinforced with glass fibre. They have a number of holes for securing the motor on the motor side, or a hole for a fabric roll on the opposite side. The corresponding holes must be used for each fabric roll diameter. By pressing the click stub inwards, the insert module is released from the side console.

There are two holes in the bottom to secure the base plate toucher to the side consoles.

6. OPERATION



The SC1000 Enviro integral screen is always viewed along the OUTSIDE (see figure), so not in the same way as with the SC900 and SC910.

The SC1000 is always electrically operated. The operating side can be either on the left or on the right. On the selected operating side there is the choice to have the cable run along the lateral guide or through a hole to be drilled in the top or back of the box profile (see figure 6). The standard SEZ2 motor has obstruction recognition in both downward and upward direction.

Possible motor controls:

- An IO wall transmitter is fitted as standard with the standard IO motor.
- For other motors: if you choose an RTS motor, this is an RTS wall transmitter. If you opt for a wired motor, the standard is a Surface-mounted switch type. Optionally, pulse switches (A54) and built-in switches (A53) can also be used here
- The SEZ2 motors have obstacle detection in the downward and upward direction.
- The motors have an execution time of approx. 4 minutes, after that they go into thermal security mode (see motor manual).
- You will find everything for group controls and automation in the Harol home automation catalogue.

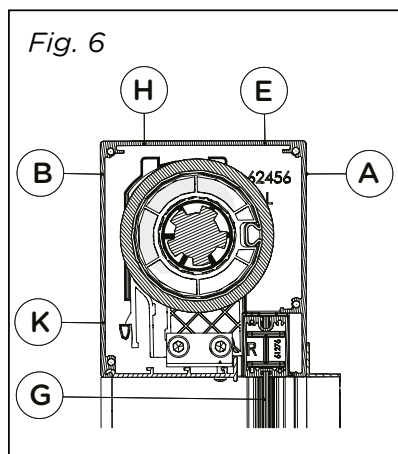


Fig. 6: Control outputs

ROLL SIZE	Option	Motor type	WIDTH*		HEIGHT*		CABLE LENGTHS**		
			MIN.	MAX.	MIN.	MAX.	3M	5M	10M
AS Ø67 AS Ø78 AS Ø85	Standard	Maestria+ 50 IO - 32 tpm	815	4000 Soltis 5000 Serge 600 4500 Serge 1% 4500 Lunar 4000 Black-out	400	4900 Soltis 4400 Serge 600 3700 Serge 1% 3700 Lunar 3800 Black-out	-	S	X
	A1380	Maestria+ 50 IO - 17 tpm	765				-	S	X
	A1077	Altus 50 RTS - 17 tpm	765				-	S	X
	A2698	Maestria 50 WT - 17 tpm	715				S	X	X
	A2696	Altus 50 RH WT - 25/17	835				S	X	X
	A2706	Selve SEZ2	645				S	X	X
AS Ø55	Standard	Sunea Screen IO-40 - 16 tpm	655	805	400	4900 Soltis 4400 Serge 600 3700 Serge 1% 3700 Lunar 3800 Black-out	S	-	-
	A1069	Altus 40 RTS - 16 tpm	650				S	-	-
	A939	LS-40 - 16 tpm	615				S	-	-

* See roll-up tables for the options per fabric type

S: Standard

X:Option

*** In order to facilitate easy removal of the fabric roll for the SC900 and the SC910, a cable loop is fitted. This shortens the useful cable length of the motor by 75 cm

Table 2: Minimum and maximum dimensions as well as the available cable lengths

7. BOTTOM LATH

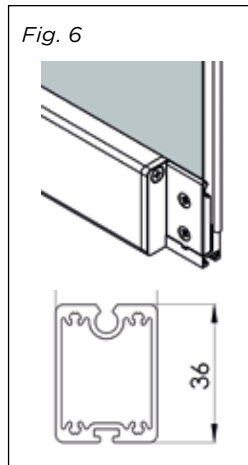


Fig. 6:
Bottom lath with
sliding block

The bottom lath consists of a two-piece, left and right sliding block and an extruded aluminium profile with a powder-coated finish.

The profile has:

- A groove for screw-free attachment of the fabric using a canvas rod of Ø 3 mm
- A chamber for a strengthening strip
- A slot at the bottom to insert a rubber stopper (there is also the option to select a brush strip)

The two-piece sliding block ensures the fabric is correctly tightened.

8. GUIDE RAILS

Guide rail 1120

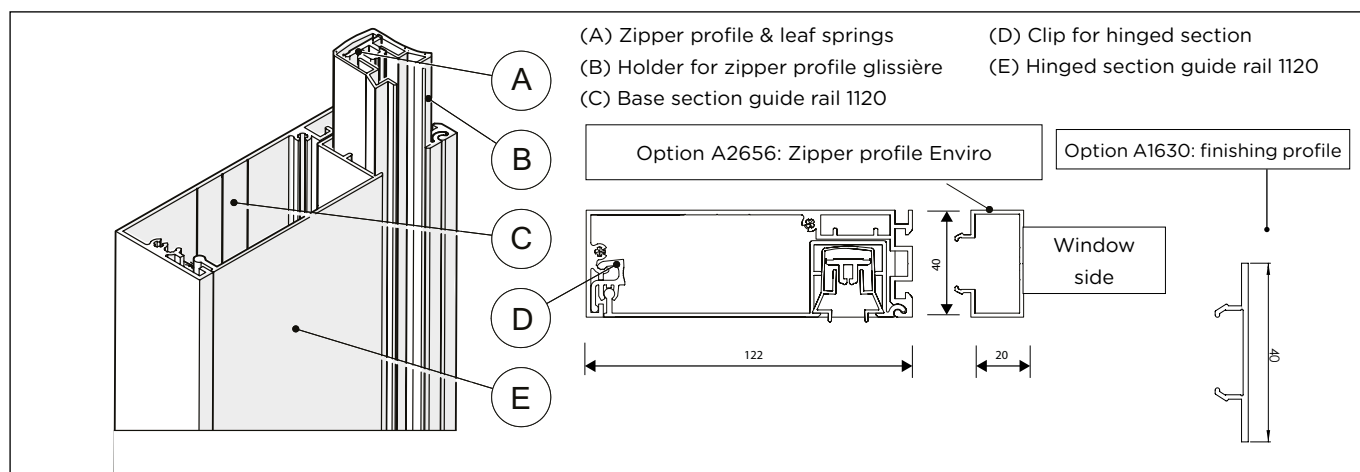


Fig. 7a: General structure and cross-section of the conductor 1120

The complete wide 1120 guide rails are made up of a base section (C), a hinged section (E) and a holder (B) with zipper profile (A), and at the bottom of the base section of each guide rail an aluminium end cap. On the window-side, the hinged section hinges into the base section of the guide rail and on the outside the hinged section clicks into the plastic clamps (D) that can be found on the base section (see figure 7a). The holder and the zipper profile can only be inserted when the hinged section is closed. This is because the holder and the zipper profile are 35 mm longer than the guide rail and are first placed in the box and then further in the recess of the hinged section.

The base and hinged section are extruded aluminium profiles, both of which have a layer of powder coating. The holder and the zipper profile are both made of plastic.

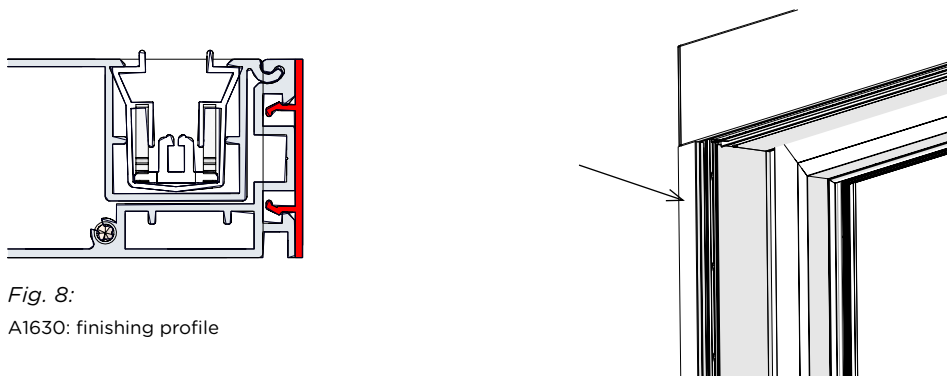
To attach the SC1000, first the basic elements must be secured to the window frame with the necessary accuracy (see installation instructions!). A number of screws are supplied with each guide rail.

If selecting option A2656, then the clip profiles are secured to the bottom with an end cap, using these screws. The basic elements can then be clipped onto it.

The screen box is then placed on the guide rails, with the pivots in the guide rails.

If you want to fit an insect screen between the screen and the window, then adjustment profiles need to be placed on the box and the guide rail, with options A2655 and A2656 respectively.

If option A2656 is not used, the rear of both guide rails can be finished with a finishing profile (option A1630 with reversed mounting of the screen).



Guide rail 1040

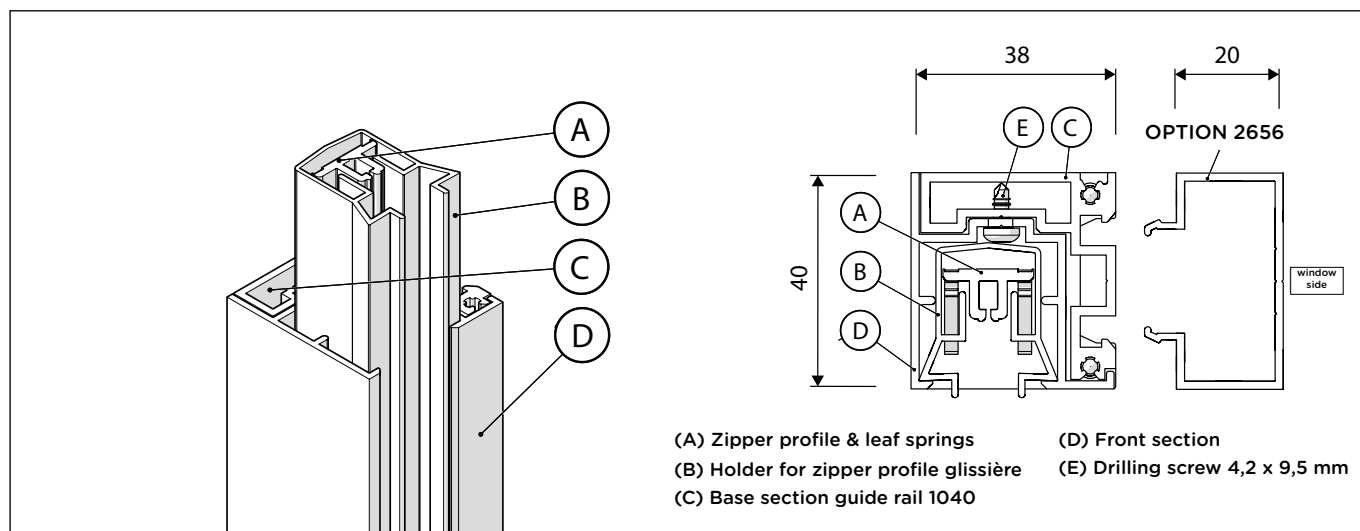


Fig. 7b: General structure and cross-section of the conductor 1040

The complete wide 1040 guide rails are made up of a base section (C), a front section (D) and a holder (B) with zipper profile (A), and at the bottom of the base section of each guide rail an aluminium end cap. The front section is fixed into the base section of the guide rail by the drilling screw (see figure 7b). The holder and the zipper profile can only be inserted when the front section is fixed. This is because the holder and the zipper profile are 35 mm longer than the guide rail.

The base and front section are extruded aluminium profiles, both of which have a layer of powder coating. The holder and the zipper profile are both made of plastic. The holder is available in grey or black colour.

If you want to fit an insect screen between the screen and the window, then adjustment profiles need to be placed on the box and the guide rail, with options A2655 and A2656 respectively.

If option A2656 is not used, the rear of both guide rails can be finished with a finishing profile (option A1630 with reversed mounting of the screen).

To attach the SC1000, first the basic elements must be secured to the window frame with the necessary accuracy (see installation instructions!). A number of screws are supplied with each guide rail.

If selecting option A2656, then the clip profiles are secured to the bottom with an end cap, using these screws. The basic elements can then be clipped onto it.

The screen box is then placed on the guide rails, with the pivots in the guide rails.

note: bevelling of guide rails underneath

If the guide rail is bevelled underneath to create a good fit with the window sill, free space should always be provided above the box. This allows the box to be lifted out of the guide rail easily, which makes it possible to open the cover of the (divisible) guide rail and slide it up a bit (fig. 9) to facilitate hinging. If there is no space above the box, the cover can no longer be separated from the base of the guide rail. This problem does not occur if the box is installed the other way up; the hinge point is then situated along the outside.

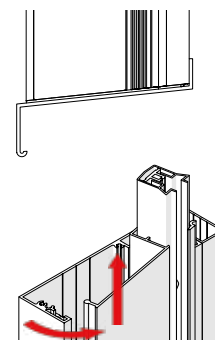


Fig. 9: open the glide

9. FABRICS

There is a wide selection of fabric qualities to choose from for the SC1000 Enviro, each with its specific properties.

	SOLTIS 86	SOLTIS 92	BLACK OUT B92	SERGE 600	SERGE 1%	BLOCKOUT LUNAR	STAM	CRISTAL CLEAR
Basic material	Polyester	Polyester	Polyester	Fibre glass	Fibre glass	Fibre glass	Polyester	Polyester
Weight (g/m²)	380	420	650	535	620	660	630	610
Thickness (mm)	0,43	0,45	0,60	0,55	0,80	0,78	0,55	0,50
Fire class EN 13501-1 NFP 92503 (F)								
	B-s2,d0	B-s2,d0	B-s2,d0	C-s3,d0	C-s3,d0	-	B-s2,d0	-
	M1	M1	M2	M1	M1	-	M2	M2
Roll width (mm)	1770 / 2670	1770 / 2670	1770	1900 / 2700 / 3200	2700	2100	2600	1400
Opening factor	14%	3%	0%	5%	1%	0%	0%	0%
Window films				X	X		X	X
Stripe direction	Horizontal							
Treatment	Welded							

Table 4: Technical data for the fabric

1. Soltis 86 and Soltis 92 fabric:

- Transparent and refractive:
 - Manufactured from polyester fibres:
 - drawn under great strain.
 - secured with a high performance coating.
- The fabric is varnished on both sides:
 - excellent protection against UV
 - is dirt-repellent
- In case of two-colored fabrics, the Alu side is always on the outside or side sight
- **Attention! Screens with a height greater than 1500/2400 mm are fitted with a horizontal weld seam!**

2. Black-out B92 fabric:

- Opaque, light-blocking fabric:
 - made from polyester fibres:
 - stretched under tension
 - fixed with a Plastisol layer
 - secured with a high performance coating.
- **Attention! Screens with a height greater than 1430 mm are fitted with a horizontal weld seam!**
 - Fabric suitable for indoor and outdoor use.
 - Black out film is positioned at the side of the window with each mounting type.
 - For outside mounting, the bottom lath and fabric may rise slightly due to heavy wind loads, therefore 100% black-out cannot be guaranteed at all times.
 - For the Blackout fabrics the zippers are welded to the fabric on the window side.

3. Serge 600 and 1% fabric:

- Transparent and refractive
- Manufactured from glass fibre thread:
 - coated with a synthetic material based on polyvinyl chloride.
 - coloured in mass
 - fixed with a Plastisol layer
- The front side or right side of the fabric appears on the outside or view side
- **Attention! For Serge 600 fabrics, screens with a height greater than 1630/2430/2930 mm are fitted with a horizontal weld seam; for Serge 1% fabrics the same applies to heights greater than 2430 mm!**

4. Blockout Lunar fabric:

- The glass fibres are coated with a synthetic material based on polyvinyl chloride, spun-dyed and fixed with a Plastisol layer.
- Fabric suitable for both indoor and outdoor use.
- Black-out film is applied to the window side as standard with every fitting type.
- For exterior mounting, the bottom slat and fabric may rise slightly due to heavy wind loads, therefore 100% black-out cannot be guaranteed at all times.
- For the Blockout Lunar fabrics the zippers are welded to the fabric on the window side.

5. STAM 6002 fabric:

- Opaque, translucent fabric:
- made from mesh polyester fibres:
- stretched under tension
(in accordance with Precontraint method)
- supplied with a PVC coating on both sides
- **Attention! Screens with a height greater than 2400 mm are fitted with a horizontal weld seam!**

6. Cristal Clear fabric:

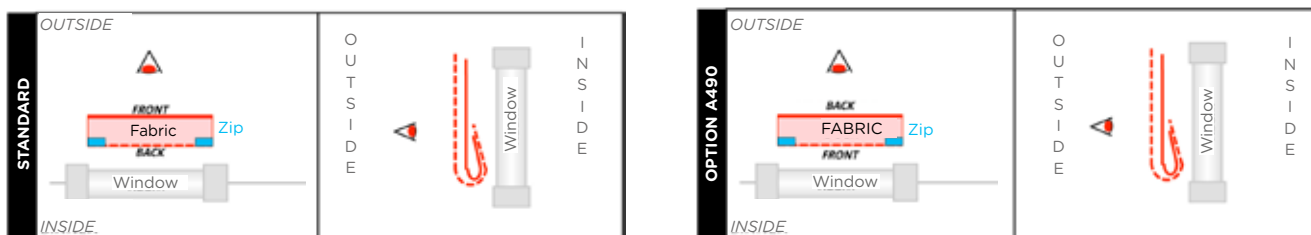
- Completely transparent and non-refractive fabric:
- is a transparent PVC film:
- **Attention! Screens with a height greater than 1400 mm are fitted with a horizontal weld seam!**

Note: only fabrics 3, 5, and 6 are used when making window combinations with the screens

Zippers are placed on the sides of each fabric, and with correctly fitted guide rails, the zippers ensure that the fabric is taut in any height position of the bottom lath, due to the tension between the zipper and the guide rails.

In addition to the options for applying letters or logos on the fabric, there is also the option to invert the fabric colour or fabric side in the screen (A490).

With Blackout and Lunar fabrics the coloured side is visible from inside, not the foil side. With the Serge 600 fabrics the front is then visible, or the right side of the fabric.



10. OBSCURATION BLINDS

The SC1000 can be used to darken a room, i.e. shield the outdoor light in order to give presentations or show slides, but it is not such that photos can be developed, in other words, it is not 100% blackout.

To achieve a proper blackout, the following points need to be taken into account:

- It is only possible by using a Black-out B92 fabric or Block-out Lunar fabric.
- The spaces between the guide rails, the wall and the window frame must be carefully sealed (with, for example, silicones, strips, or the like).
- The rubber or brush of the bottom lath should touch the window sill in the correct position. The bottom lath must keep the fabric taut, which is not possible if it is completely resting on the window sill.
- Wind action can cause the bottom lath to waft up, and as a result a gap may occur.

11. WEIGHT

The weight of the box based on an Ø 67 aluminium fabric roll, an SEZ2 motor and a Serge600 fabric, can be found in table 4a below, and the weight of two standard 1120 lateral guides, in table 4b.

For an integral screen with a width of 3.0 metres and an height of 1.5 metres, the total weight is approx. 34.5 kg.

BOX	
LENGTH	WEIGHT
1,0 m	± 13 kg
1,5 m	± 16 kg
2,0 m	± 20 kg
2,5 m	± 23 kg
3,0 m	± 27 kg
3,5 m	± 30 kg
4,0 m	± 34 kg
4,5 m	± 37 kg

Table 4a : Weight of the box

2 GUIDE RAILS	
LENGTH	WEIGHT
0,5 m	± 2,5 kg
1,0 m	± 5 kg
1,5 m	± 7,5 kg
2,0 m	± 10 kg
2,5 m	± 12,5 kg
3,0 m	± 15 kg
3,5 m	± 17,5 kg
4,0 m	± 20 kg
4,5 m	± 22,5 kg

Table 4b : Weight of the guide rails

12. GENERAL REMARKS

- The guarantee conditions can be found on the guarantee card. This card has a Harol® identification label and lists the order number, date of manufacture and the number of products. For the guarantee to take effect, the installer must complete the guarantee card, stamp it and return it to HAROL within 10 days after installation of a HAROL® sun protection product.
- All electrical connections must be made according to the statutory provisions of the relevant country. Electrical connections and proper operation are the responsibility of the installer.
- Harol does not accept any responsibility in the event a sun protection product is wrenched off by wind or storm. The installer must take into consideration all precautionary measures necessary to order a product suitable for the installation site.
- Under no condition should the integral screen be viewed as a structural component that contributes to the reinforcement of the window, regardless of the way the integral screen is fitted.
- The integral screen must only be installed on self-supporting structures that have a sufficient degree of strength to carry an integral screen.
- All information in this brochure is provided in good faith and is for informational purposes only. It reflects the present state of our knowledge and abilities and cannot be used against us. Harol is continuously working on the further development of all models, and reserves the right to make changes at any time without further prior notice, and without this resulting in any further obligations.

13. ROLL-UP TABLES

SC1000 - SOLTIS 86/92											
width											
height	600	x	55	67	67	67	67	67	78	78	78
	1000	x	55	67	67	67	67	67	78	78	78
	2000	x	55	67	67	67	67	67	78	78	78
	2400	x	55	67	67	67	67	67	78	78	78
	2500	x	55	67	67	67	67	67	78	78	78
	3000	x	55	67	67	67	67	67	78	78	78
	3200	x	55	67	67	67	67	67	78	78	78
	3300	x	55	67	67	67	67	67	78	78	78
	3700	x	55	67	67	67	67	67	78	78	78
	3800	x	55	67	67	67	67	67	78	78	78
	4000	x	55	67	67	67	67	67	78	78	78
	4900	x	55	67	67	67	67	67	78	78	78

Fabric: Soltis 86 & 92
 Operation: Motor-IO-50 (IO-40)
 axle: Ø55 - Ø67 - Ø78
 Box: Standard box

Minimum width:
 Axle Ø55

Operation	16 tpm	
	W min	W max
IO-40	Standard	
	665 mm	814 mm
RTS 40	A1069	
	655 mm	764 mm
LS-40	A939	
	655 mm	674 mm

Axle Ø67 / Ø78

Operation	W min		
	32 tpm	17 tpm	
		H ≤ 4m	H ≥ 4m
IO-50	Standard 815 mm	A1380 765 mm	A1380 815 mm
RTS 50		A1077 765 mm	A1077 815 mm
WT-50		A2698 715 mm	
LT-50	A1287 675 mm	A1546 665 mm	
SEZ 2		A2706 645 mm	

Legend

x	IO not possible (Selve ASØ67 or LS-40 ASØ55)
55	axle Ø55 - IO-40
67	axle Ø67 - IO-50
78	axle Ø78 - IO-50
	Not possible

SC1000 - SERGE 600													
width													
height	600	x	55	67	67	67	67	67	78	78	78	85	85
	1000	x	55	67	67	67	67	67	78	78	78	85	85
	1800	x	55	67	67	67	67	67	78	78	78	85	85
	1900	x	55	67	67	67	67	67	78	78	78		
	2000	x	55	67	67	67	67	67	78	78	78		
	2900	x	55	67	67	67	67	67	78	78	78		
	3000	x	55	67	67	67	67	67	78	78	78		
	3500	x	55	67	67	67	67	67	78	78	78		
	3600	x	55	67	67	67	67	67	78	78	78		
	4000	x	55	67	67	67	67	67	78	78	78		
	4400	x	55	67	67	67	67	67	78	78	78		

Fabric: Serge 600
 Operation: Motor-IO-50 (IO-40)
 axle: Ø55 - Ø67 - Ø78 - Ø85
 Box: Standard box

Minimum width:
 As Ø55

Operation	16 tpm	
	W min	W max
IO-40	Standard	
	665 mm	814 mm
RTS 40	A1069	
	655 mm	764 mm
LS-40	A939	
	655 mm	674 mm

Legend

x	IO not possible (Selve ASØ67 or LS-40 ASØ55)
55	Axle Ø55 - IO-40
67	Axle Ø67 - IO-50
78	Axle Ø78 - IO-50
85	Axle Ø85 - IO-50
	Not possible

TECHNICAL DATA INTEGRAL SCREEN SC1000 - ENVIRO

		SC1000 - SERGE 1%															
		width															
		645-664	665-814	815	1000	2000	3000	3100	3200	3300	3400	3500	3600	4000	4300	4400	4500
height	600	x	55	67	67	67	67	67	67	67	67	67	78	78	78	78	78
	1000	x	55	67	67	67	67	67	67	67	67	67	78	78	78	78	78
	1400	x	55	67	67	67	67	67	67	67	67	67	78	78	78	78	78
	1500	x	55	67	67	67	67	67	67	67	67	78	78	78	78	78	78
	1900	x	55	67	67	67	67	67	67	67	67	78	78	78	78	78	78
	2000	x	55	67	67	67	67	67	67	67	67	78	78	78	78	78	78
	2100	x	55	67	67	67	67	67	67	67	78	78	78	78	78	78	78
	2400	x	55	67	67	67	67	67	67	67	78	78	78	78	78	78	78
	2500	x	55	67	67	67	67	67	67	67	78	78	78	78	78	78	78
	2600	x	55	67	67	67	67	67	67	67	78	78	78	78	78	78	78
	2700	x	55	67	67	67	67	67	67	67	78	78	78	78	78	78	78
	3000	x	55	67	67	67	67	67	67	67	78	78	78	78	78	78	78
	3300	x	55	67	67	67	67	67	67	67	78	78	78	78	78	78	78
	3400	x	55	67	67	67	67	67	67	67	78	78	78	78	78	78	78
	3700	x	55	67	67	67	67	67	67	67	78	78	78	78	78	78	78

Fabric: Serge 1%
 Operation: Motor-IO-50 (IO-40)
 Axle: Ø55 - Ø67 - Ø78
 Box: Standard box

Minimum width:

Axle Ø55

Operation	16 tpm	
	W min	W max
IO-40	Standard	
	665 mm	814 mm
RTS 40	A1069	
	655 mm	764 mm
LS-40	A939	
	655 mm	674 mm

Axle Ø67 / Ø78 / Ø85

Operation	W min	
	32 tpm	17 tpm
IO-50	Standard 815 mm	A1380 765 mm
RTS 50		A1077 765 mm
WT-50		A2698 715 mm
LT-50	A1287 675 mm	A1546 665 mm
SEZ 2		A2706 645 mm

Legend

x	IO not possible (Selve ASØ67 or LS-40 ASØ55)
55	Axle Ø55 - IO-40
67	Axle Ø67 - IO-50
78	Axle Ø78 - IO-50
	Not possible

		SC1000 - BLACK-OUT											
		width											
		645-664	665-814	815	1000	2000	2900	3000	3100	3900	4000		
height	600	x	55	67	67	67	67	67	78	78	78		
	1000	x	55	67	67	67	67	67	78	78	78		
	2000	x	55	67	67	67	67	67	78	78	78		
	2100	x	55	67	67	67	67	67	78	78	78		
	2500	x	55	67	67	67	67	67	78	78	78		
	2600	x	55	67	67	67	67	67	78	78	78		
	2800	x	55	67	67	67	67	67	78	78	78		
	2900	x	55	67	67	67	67	67	78	78	78		
	3000	x	55	67	67	67	67	67	78	78	78		
	3800	x	55	67	67	67	67	67	78	78	78		

Fabric: Black-Out
 Operation: Motor-IO-50 (IO-40)
 Axle: Ø55 - Ø67 - Ø78
 Box: Standard box

Minimum width:

Axle Ø55

Operation	16 tpm	
	W min	W max
IO-40	Standard	
	665 mm	814 mm
RTS 40	A1069	
	655 mm	764 mm
LS-40	A939	
	655 mm	674 mm

Legend

x	IO not possible (Selve ASØ67 or LS-40 ASØ55)
55	Axle Ø55 - IO-40
67	Axle Ø67 - IO-50
78	Axle Ø78 - IO-50
	Not possible

Window Fabric: roll-up tables SC1000

SC1000 - WINDOW FABRIC												
		width										
		815	1000	2000	3000	3300	3400	3500	4000	4500	4600	5000
height	600	67	67	67	67	67	67	78	78	78	85	85
	1000	67	67	67	67	67	67	78	78	78	85	85
	1800	67	67	67	67	67	67	78	78	78	85	85
	1900	67	67	67	67	67	67	78	78	78		
	2000	67	67	67	67	67	67	78	78	78		
	2900	67	67	67	67	67	67	78	78	78		
	3000	67	67	67	67	67	67					

Fabric: STAM + Cristal Clear
Serge 600 + Cristal Clear,
Serge 1% + Cristal Clear
STAM or Serge 600 or Serge 1%
Operation: Motor-IO-50
Axle: Ø67 - Ø78 - Ø85
Box: Standard

Minimum width:

Axle Ø67 / Ø78/ Ø85

Operation	W min	
	32 tpm	17 tpm
IO-50	Standard 815 mm	A1380 765 mm
RTS 50		A1077 765 mm
WT-50		A2698 715 mm
LT-50	A1287 675 mm	A1546 665 mm
SEZ 2		A2706 645 mm

Legend

67	Axle Ø67 - IO-50
78	Axle Ø78 - IO-50
85	Axle Ø85 - IO-50
	Not possible

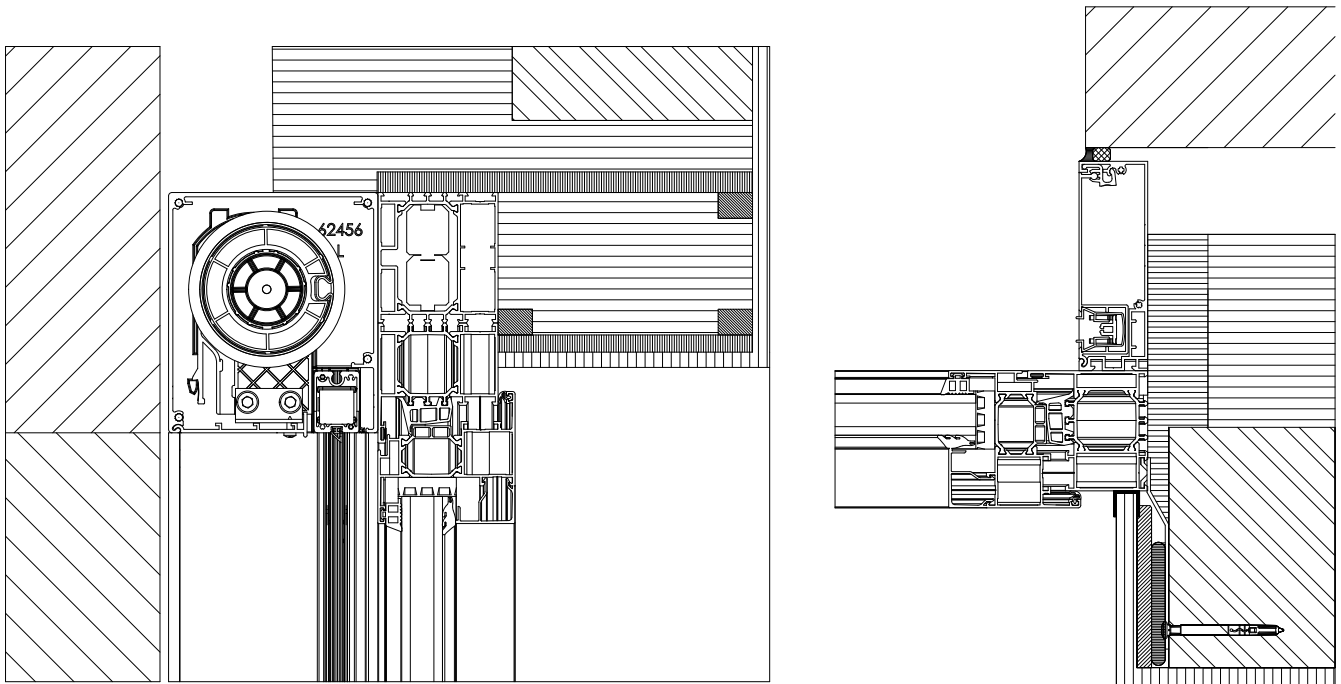
14. ORDER FORM SC100

Click on the button below:

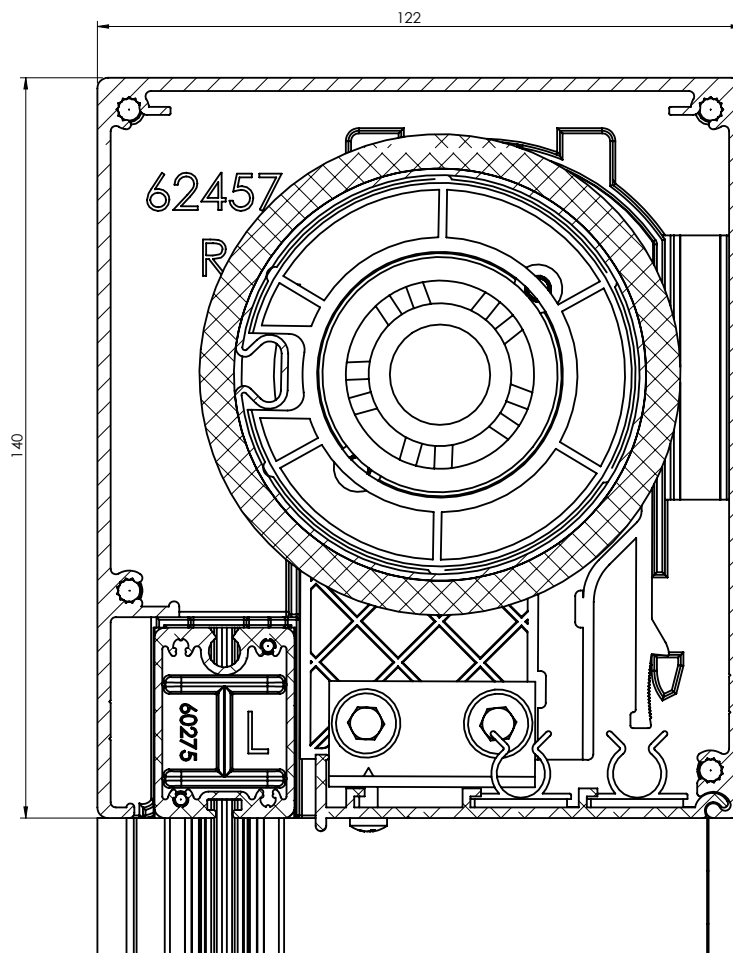
[Order form SC1000](#)

15. VARIOUS DRAWINGS

Finishing capabilities



Dimension box section



Drawings control exits

