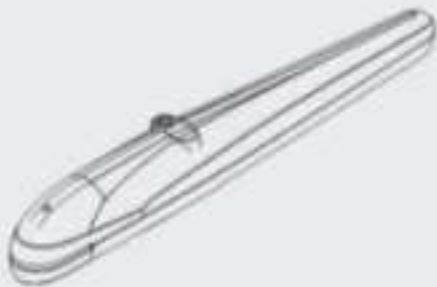


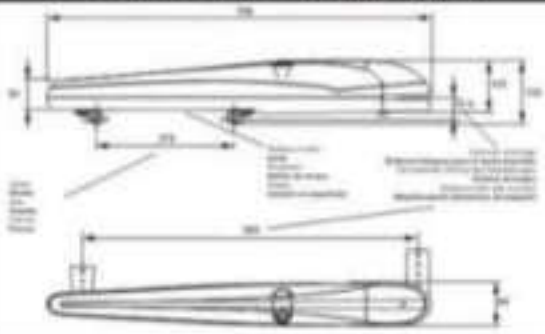
**BOB21M / BOB21ME
BOB30M / BOB30ME**



BENINCA[®]
TECHNOLOGY TO OPEN

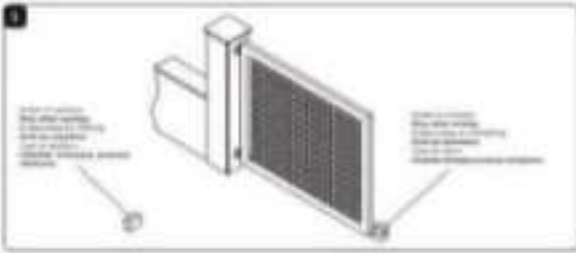


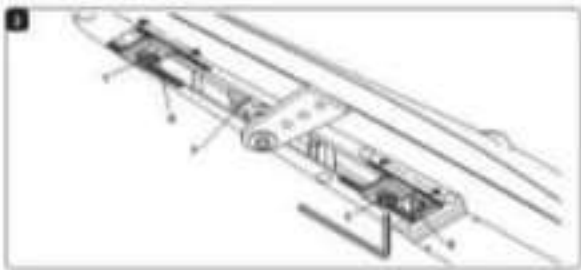
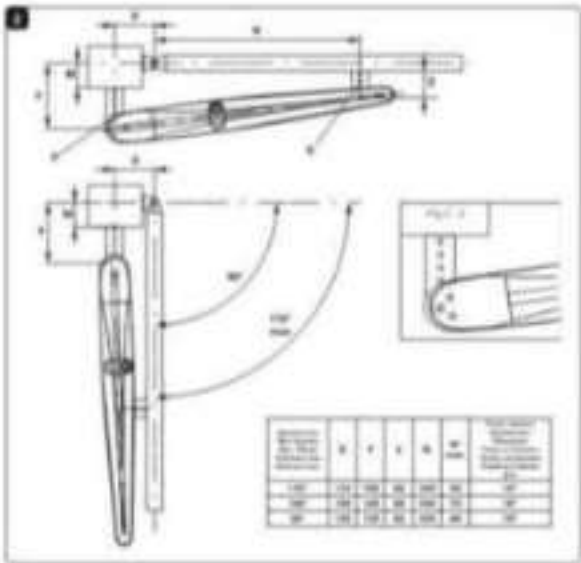
Standard dimensions | Dimensions standard | Norme standard

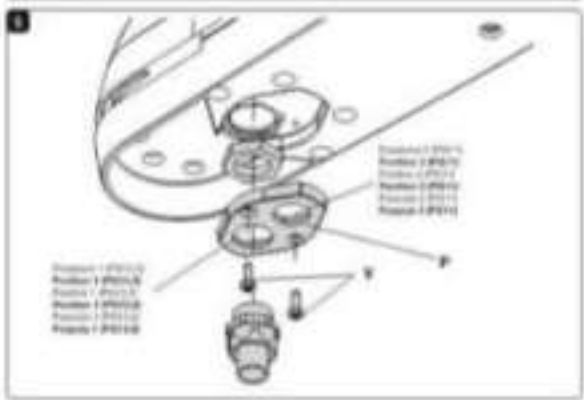
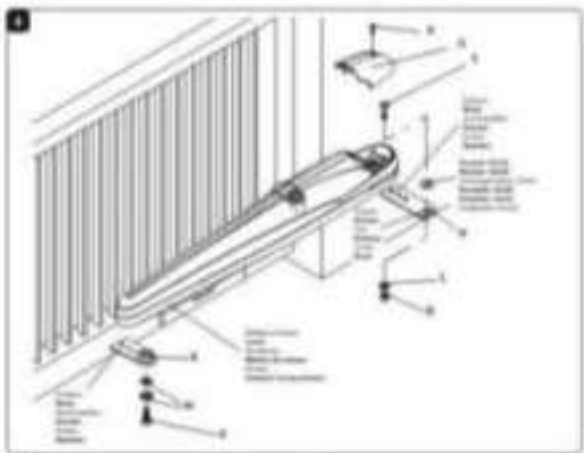


**Dimensions and the weights of nibs
 Dimensions des pointes | Dimensiões das pontas**

Standard nib sizes		Standard nib sizes	
Tip diameter Diameter at base Length Weight	Tip diameter Diameter at base Length Weight	Tip diameter Diameter at base Length Weight	Tip diameter Diameter at base Length Weight
F (Fine)	B (Broad)	I (Italeri)	M (Medium)
1.2	10.0	24.0	22.0
0.5	8.0	20.0	18.0
0.7	8.5	22.0	20.0
0.9	9.0	24.0	22.0
1.1	9.5	26.0	24.0







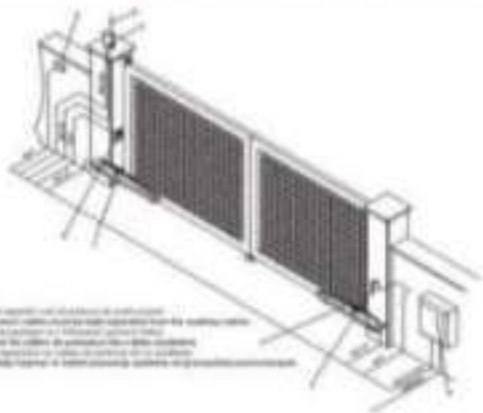


BOAT 2100 / BOAT 2000



BOAT 2100 / BOAT 2000

BOAT 2100 / BOAT 2000					
1	Transom	With gunwale support	Aluminum	With motor in transom	With motor in transom
2	Gunwale	Yes	Yes	Yes	Yes
3	Transom	With gunwale support	Aluminum	With motor in transom	With motor in transom
4	Gunwale	Yes	Yes	Yes	Yes
BOAT 2100 / BOAT 2000					
1	Transom	With gunwale support	Aluminum	With motor in transom	With motor in transom
2	Gunwale	Yes	Yes	Yes	Yes
3	Transom	With gunwale support	Aluminum	With motor in transom	With motor in transom
4	Gunwale	Yes	Yes	Yes	Yes
5	Transom	With gunwale support	Aluminum	With motor in transom	With motor in transom
6	Gunwale	Yes	Yes	Yes	Yes
7	Transom	With gunwale support	Aluminum	With motor in transom	With motor in transom
8	Gunwale	Yes	Yes	Yes	Yes
9	Transom	With gunwale support	Aluminum	With motor in transom	With motor in transom
10	Gunwale	Yes	Yes	Yes	Yes
11	Transom	With gunwale support	Aluminum	With motor in transom	With motor in transom
12	Gunwale	Yes	Yes	Yes	Yes



1.1. Sistemul de montare a sticlilor în cadru
 1.2. Sistemul de montare a sticlilor în cadru
 1.3. Sistemul de montare a sticlilor în cadru
 1.4. Sistemul de montare a sticlilor în cadru
 1.5. Sistemul de montare a sticlilor în cadru
 1.6. Sistemul de montare a sticlilor în cadru

- Legenda**
- 1. Sistemul de montare a sticlilor în cadru
 - 2. Sistemul de montare a sticlilor în cadru
 - 3. Sistemul de montare a sticlilor în cadru
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 - 18. Sistemul de montare a sticlilor în cadru
 - 19. Sistemul de montare a sticlilor în cadru
 - 20. Sistemul de montare a sticlilor în cadru

- Legenda**
- 1. Sistemul de montare a sticlilor în cadru
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 - 18. Sistemul de montare a sticlilor în cadru
 - 19. Sistemul de montare a sticlilor în cadru
 - 20. Sistemul de montare a sticlilor în cadru

EC Declaration of Conformity

Manufacturer: **Substation Service SpA**
Address: Via Capello, 45 - 30100 San Diego (PD) - Italia

Manufacturer declares that the product is designed and built according to the following standards:
EN62211 / EN62212 / EN62213 / EN62214

It complies with provisions set forth by the following other CE Directives:

- DIRECTIVE 2004/108/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 15 December 2004, on the harmonization of the laws of Member States relating to electromagnetic compatibility and which cancels Directive 89/330/EEC, according to the following harmonized regulations: EN 61000-6-2:2009, EN 61000-6-4:2007
- DIRECTIVE 2006/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 12 December 2006, on the harmonization of the laws of Member States relating to electrical equipment designed for use with certain voltage limits, according to the following harmonized regulations: EN 60205-1:2002 + A1:2002 + A1:2003 + A1:2004 + A2:2004 + A1:2005, EN 60205-2:2002

Responsible legal representative:
San Diego, 15/05/2011



WARNING

This product shall not be used for purposes or in ways other than those for which it is intended and approved by the manufacturer. It should never be altered, repaired, or tampered with in any way.

The company shall not be held responsible for the use of the product in ways other than those for which it is intended, and for any damage or injury that may result therefrom.

Keep this manual for future use.

Read the manual carefully, in conjunction with regulations in force, and follow the instructions.

Following instructions carefully at every step, and in accordance with the instructions, the operator shall be held responsible for any damage or injury that may result therefrom, and for any damage or injury that may result therefrom.

The manufacturer shall not be held responsible for any damage or injury that may result therefrom, and for any damage or injury that may result therefrom.



This symbol indicates that the product contains electrical components that may be dangerous if not used correctly. It should be used in accordance with the instructions in the manual.

Read the manual carefully, in conjunction with regulations in force, and follow the instructions. The manufacturer shall not be held responsible for any damage or injury that may result therefrom, and for any damage or injury that may result therefrom.

The manufacturer shall not be held responsible for any damage or injury that may result therefrom, and for any damage or injury that may result therefrom.

Introduction

- Before installing the system, read the instruction sheet.
- It is mandatory for the user to read the CE mark for applications different from those indicated in the instruction sheet.
- Supply the structure with instructions by using the system.
- The user must always remain seated on the structure.
- All persons being processed by an elevated part of the structure and those involved by maintenance tasks. It is however required that the machine keep the CE marking and original manual parts be used.

General information

To ensure correct operation of these automatic devices, the gate to be automated should meet the following requirements:

- good strength and stiffness
- single panels have a horizontal top edge and all the be opened and require manual operation.
- when closed, the gate leaves should correctly come for the entire length.

In the particular case of support with electromagnets and rollers, it is recommended to provide maximum stability on closing and opening of the gate that is to be automated (Fig. 1).

Setting the automatic system

Adjust the height of the automatic system above ground level so that it should be at least in contact with upper of the gate and corresponding to a sturdy construction.

Measure the gate *F* respecting the distance in Fig. 2.

When the gate is closing, stop the machine *D* respecting the distance in Fig. 2, over a cross point of the gate or another suitable secure element, keep it working in this condition the machine must not be completely at the end of road.

Remove the protective cover *C* concerning the sensor *F*, then fix the sensor to the gate *F* with the sensor *T*. We explain it and detail in Fig. 3.

Lock the sensor in the cable on the gate *F* with the sensor *T* and the spring *S*.

The roller in the structure (Fig. 1) help you measure the optimum installation distance.

The adjustable long brackets, available in various sizes, allow a wide possibility of adapting the sensor to the different installation conditions, also avoiding cutting and welding the brackets (Fig. 4).

How to adjust the mechanical stopper

The sensor is provided with adjustable mechanical stopper in the opening and closing phases. The sensor is adjusted by rotating clockwise the "Open" and "Close" mechanical stops, or counter-clockwise (Fig. 5). Close the automatic system by using the special

release lever, as shown in the instructions by the user page 11 (15).

- 1) Close the door/panel.
- 2) Loosen screw *T1* and move the "Close" lock with a spanner (the point *P*, see figure on page 11).
- 3) Open the door/panel.
- 4) Loosen screw *T2* and move the "Open" lock with a spanner (the point *P*, see figure on page 11).
- 5) Reset the automatic opening mode.

Connections

- 1) The sensor plate *F* (Fig. 3) allows for using a kit for strength or cable gate (P011 or P012). Close the top of cable plate is applied to the gate, to be fixed to the upper corner (point of contact *T*).
- 2) It is possible to connect the ground by using the special (S0) terminal.

Warnings

The technical notice which covers any drawings or manuals issued by manufacturer, requires that the installation comply with regulations in force and technical input documents for user.

Technical data

	Minimum supply rate	Maximum production
Gate width	2000 mm	
Maximum weight	120 kg	120 kg
Gate	100 kg	100 kg
Power	200 W	
Maximum length	2000 mm	
Opening speed (max)	20 / 200%	
Stroke	400	1000 mm
Gate type:		
with 1 sensor	200 mm	
with 2 sensors	300 mm	
without sensor	100 mm	
Reference	110 00	
Accessories	Accessories	
Weight	2000 g	
Price	8,150	8,150

BOB

User's handbook

Safety rules

- Do not stand in the movement zone of the gate.
- Do not let children play with controls and work the gate.
- Do not spend too much time in the zone of the gate but not in a weather shelter.

Manual and emergency measures

- In the event of a power cut or breakdown, proceed as follows to operate the wing manually (see in figure A & B):
 - Lift up the protective plate of the release mechanism (Fig. A).
 - Insert the special releasing equipped extension through the hole provided in Fig. B in the wing profile as indicated in Fig. C in the text above.
 - It is not possible to open/close the wing manually.
 - To release a completely opened gate, use the releasing pin to unlock the gate.
 - Release the release lever and close the protective plate.

Maintenance

- Always inspect ahead the gate operation of the automatic drive system.
- In a driveway and in case of extraordinary conditions or events, no accidents may be caused. These operations need to control safety equipped protective plate.
- The operator is responsible for that a maintenance is done periodically if the safety device and the other components of the automation system work properly. The presence of parts and components maintenance changes.

Waste disposal



In addition to the special device, it is necessary to observe the product as further advice needs to come back might be required for accessories and spare parts. If they are disposed of correctly. Therefore, the device should be disposed in special collection points or give back to the dealer. It is not an electric device, therefore, no electrical disposal of the device will result in free application for use, as provided by the regulations in force.

Warning

All removed products and accessories should be used for any possible damages to electrical and primary installation and should be used according to the correct safety instructions. Do not use devices parts for use.





Part	Part Name	Part Name	Part Name	Part Name	Part
1	Impeller	Impeller	Impeller	Impeller	
2	Impeller	Impeller	Impeller	Impeller	
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