

 **FAAC** per la natura
carta riciclata 100%

 **FAAC** for nature
recycled paper 100%

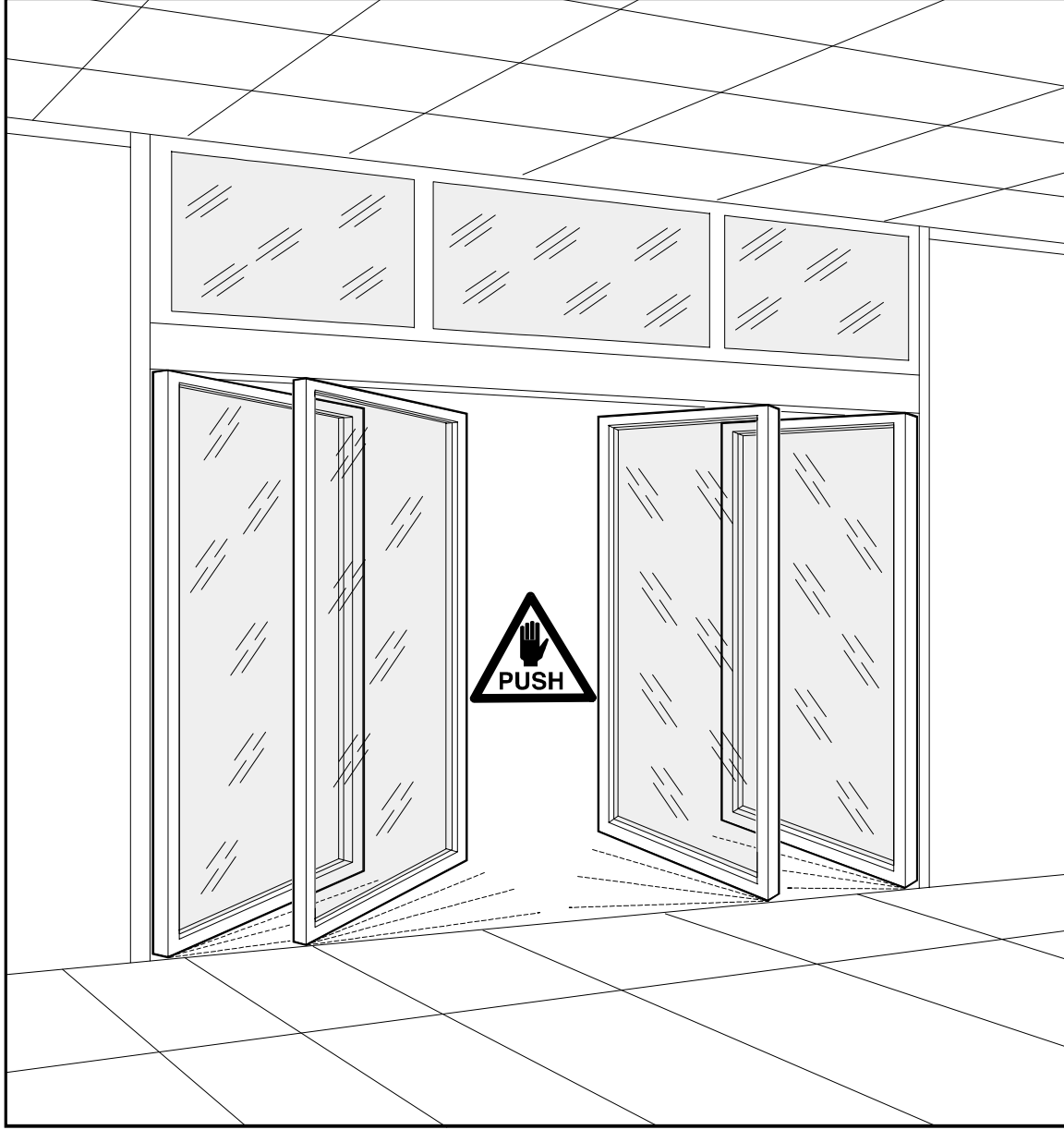
 **FAAC** pour la nature
papier recyclé 100%

 **FAAC** ist umweltfreundlich
100% Altpapier

 **FAAC** para la naturaleza
100% papel reciclado

 **FAAC** voor de natuur
100% kringlooppapier

SM-SFM 1200



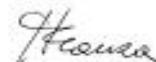
FAAC

STATEMENT OF CONFORMITY TO STANDARDS

ATTESTATO DI CONFORMITA' ALLE NORME

N° 04/00106

Equipment <i>Apparato</i>	Antipanic break-out system for powered pedestrian door leaf and side screen Model 930SF - 930SFA – 940SM – 940SMA – 940SMD – 940SMDA. <i>Sistema antipanico a sfondamento per ante mobili e semifisse per porte pedonali automatiche modello 930SF – 930SFA – 940SM – 940SMA – 940SMD – 940SMDA</i>
Applicant <i>Richiedente</i>	FAAC SpA Via Benini, 1 – 40069 ZOLA PREDOSA ITALY
Manufacturer <i>Costruttore</i>	FAAC SpA Via Benini, 1 – 40069 ZOLA PREDOSA ITALY
Model/type <i>Modello / Tipo</i>	SFM 1200 – SM 1200
Ratings <i>Dati tecnici</i>	drwg. 732444 rev. B
Additional information <i>Informazioni aggiuntive</i>	//
The tested equipment was found complying the requirements of the standards <i>L'apparato provato è risultato conforme alle norme</i>	subclause 5.7.3.2 of prEN 12650-1:2001-07
Results of performed tests are shown in the test report(s) <i>I risultati delle prove eseguite sono riportati nel(i) rapporto(i) di prova</i>	SIC 2083-1/01- rev.1
Date of issue: <i>Data di emissione</i>	2004-12-03

Authorised representative
Il rappresentante autorizzato

R. Franza

This Statement of conformity to Standards refers to the tested sample(s), does not involve production surveillance and does not allow the use of the Nemko mark on the product.

Questo Attestato di conformità alle Norme si riferisce al campione(i) provato(i), non include la sorveglianza della produzione e non permette l'apposizione del marchio Nemko sul prodotto.

This document is composed by 1 page
Questo documento è composto da 1 pagina

SM 1200 - SFM 1200

1. DESCRIPTION AND TECHNICAL SPECIFICATIONS

These instructions apply to SFM 1200 and SM 1200 panic breakout systems installed on the following automated system models:

- 940SM-SMD
- 940SMA-SMAD
- 930SF-SFA

Carefully read the instructions before beginning to install the product.

For the SM 1200 system, check if the requirements in chapter 4 are applicable.

The systems can adapt to all commercial profiles.

On profiles with the inside cross-section of the upright of at least 30x30 mm, the side bracket can be housed internally.

For smaller internal dimensions, external securing is necessary. All dimensions indicated in these instructions are in millimetres. The cut angle of the leaf profiles must always be 90°.

The carriages shown in the instructions are purely examples: unless otherwise specified, the indication should be considered valid irrespective of the automated system being used.

To position and adjust the components of the automated system, please refer to the specific instructions.

Provide a device (e.g. a photocell) which, in the event of a breakout, will prevent any automatic movement of the leaves.

1.1 Application limits

Max leaf length (mm)	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
Max leaf weight (Kg)	100	100	95	95	90	90	85	85	80	80	75	75	75	70	70

1.2 Description of components

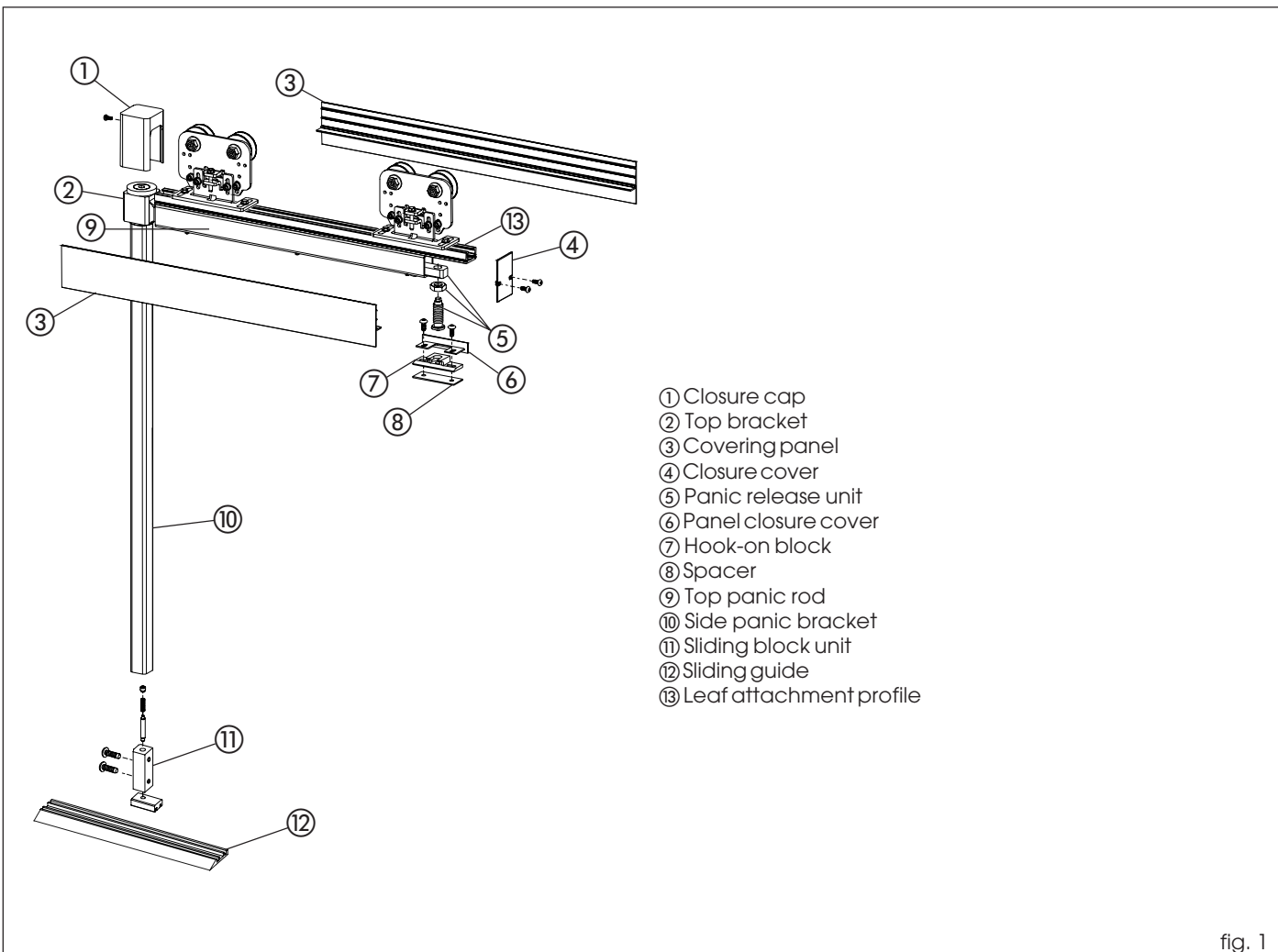


fig. 1

To obtain the height of the leaves, refer to:
 figure 2 for automated system 940 SM-SMD
 figure 3 for automated system 940 SMA-SMDA
 figure 4 for automated system 930 SF-SFA
 considering that HA is the leaf height and that LH is the off-floor
 height to the panel lower edge.

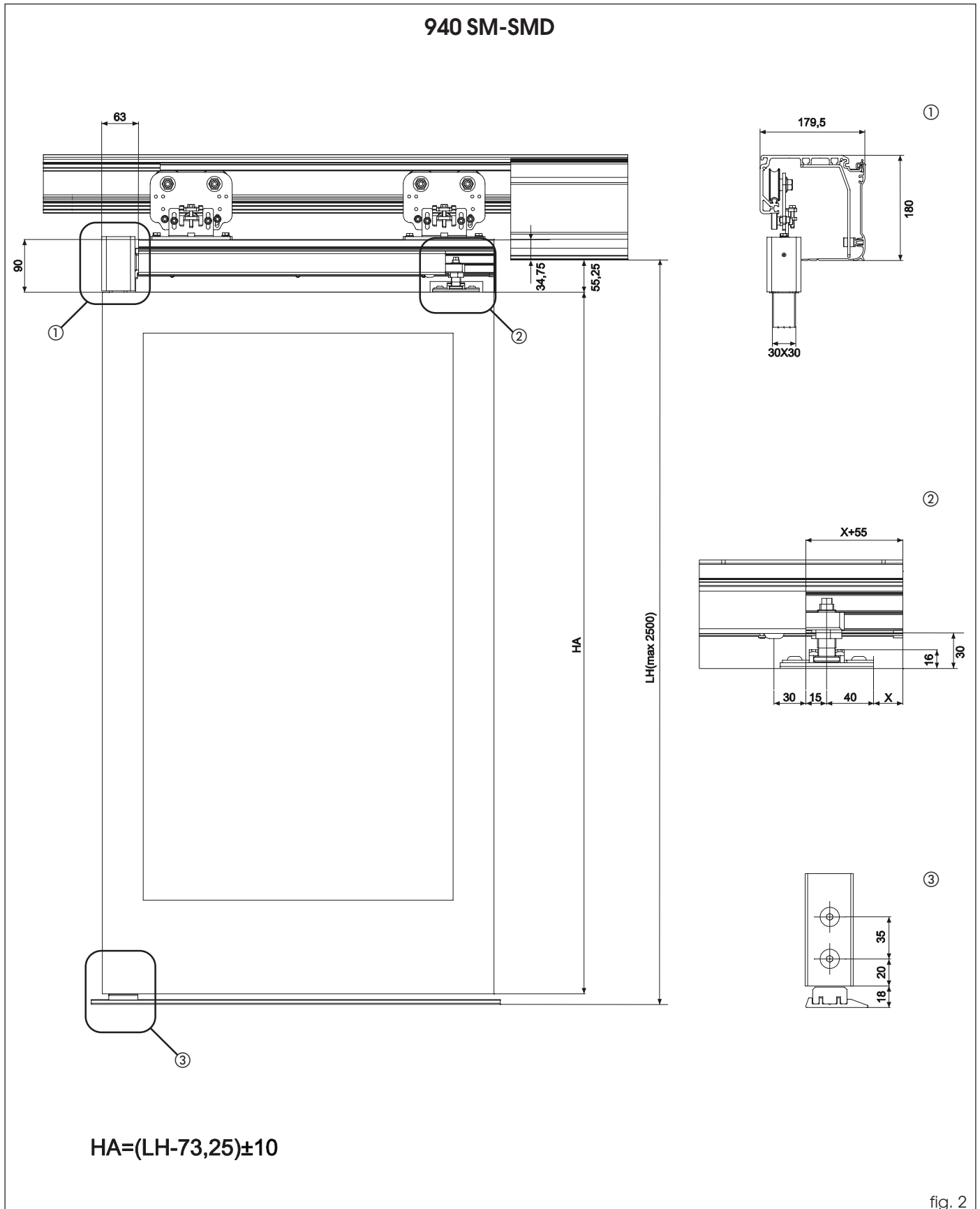
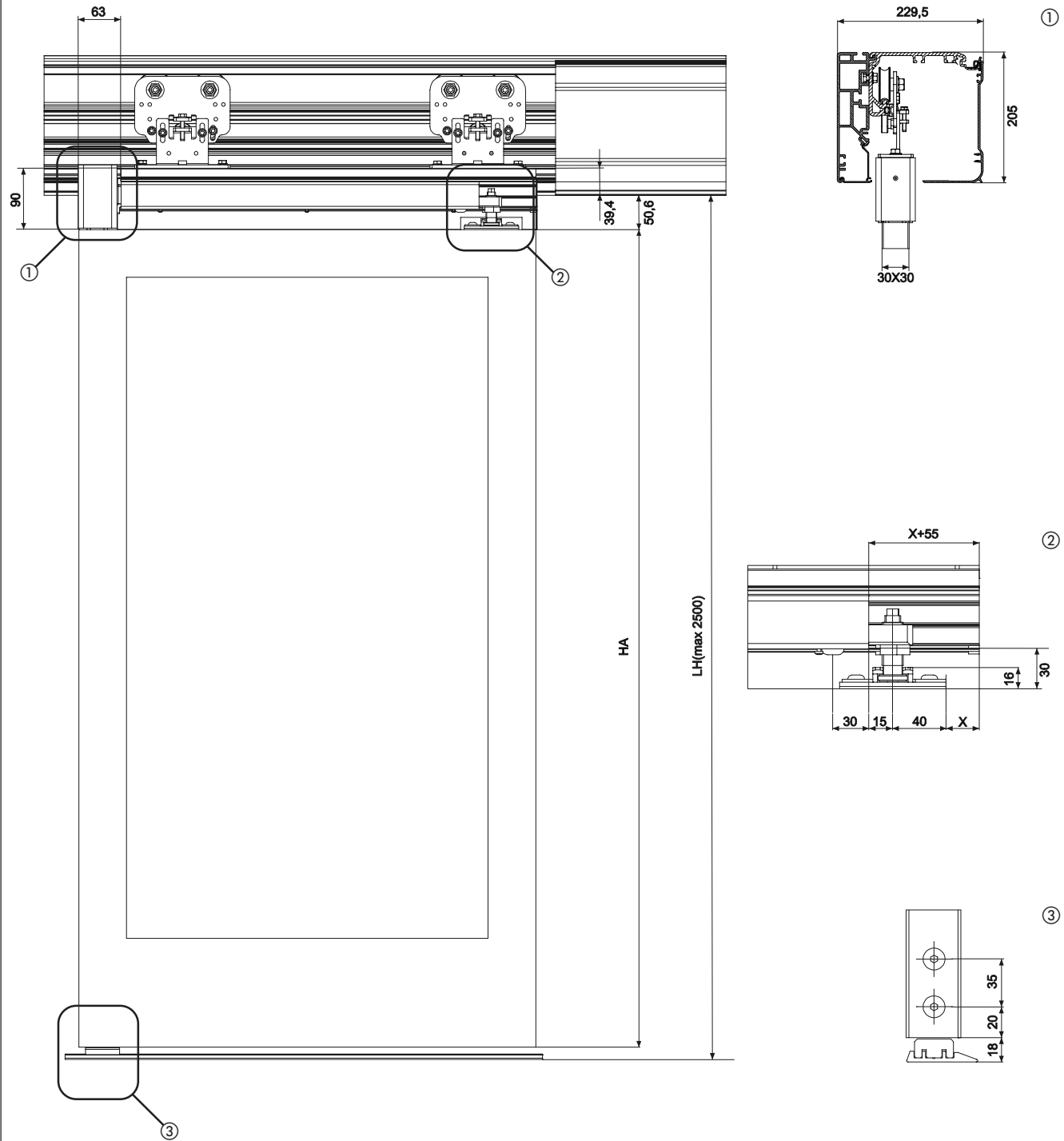


fig. 2

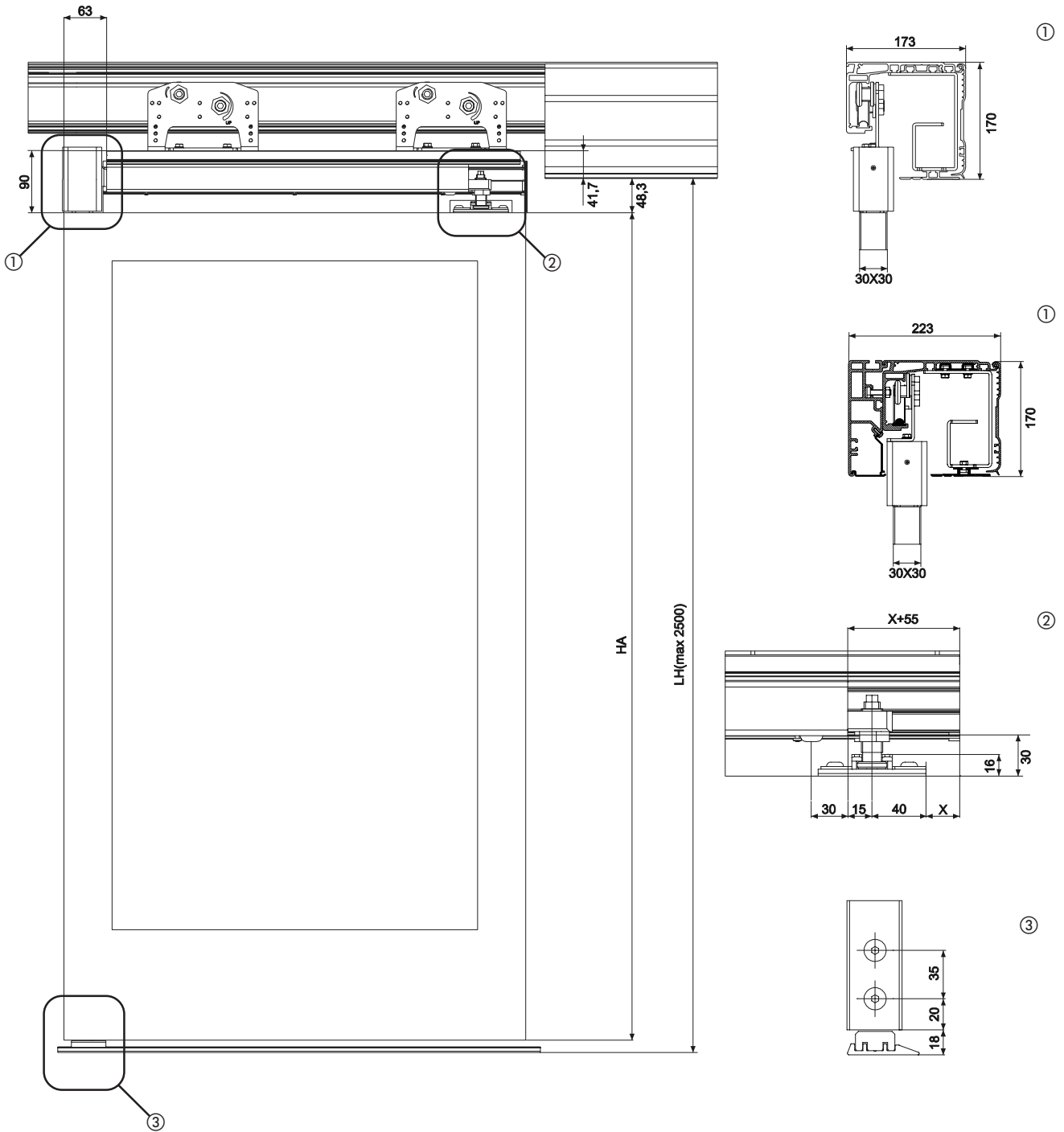
940 SMA-SMDA



$HA = (LH - 68,6) \pm 10$

fig. 3

930 SF-SFA



$HA = (LH - 66,3) \pm 10$

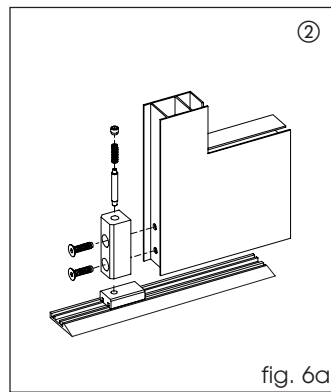
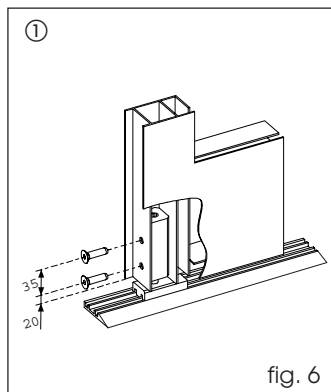
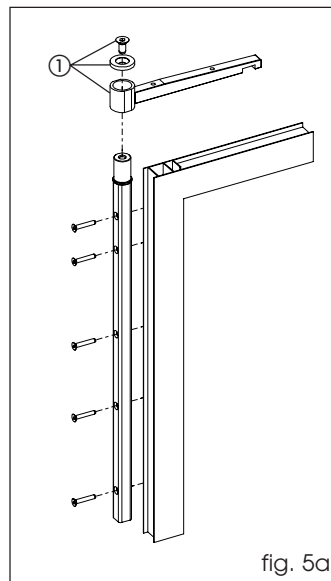
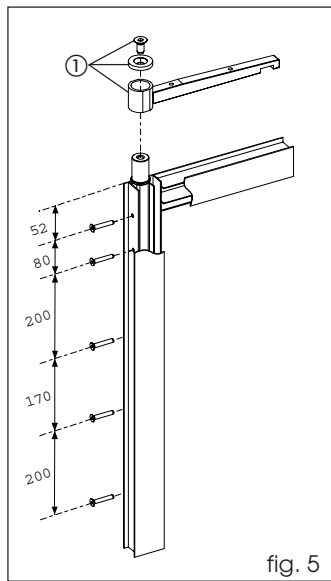
fig. 4

2. INSTALLATION ON MOBILE LEAF

Drill the holes on the external upright of the mobile leaf as shown in figures 5 and 5a, and then fit the side panic bracket and the sliding block unit.

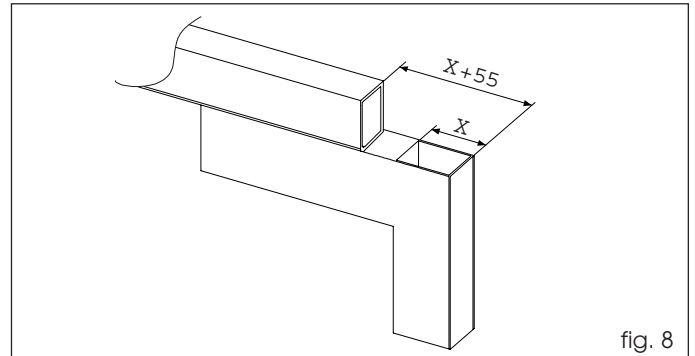
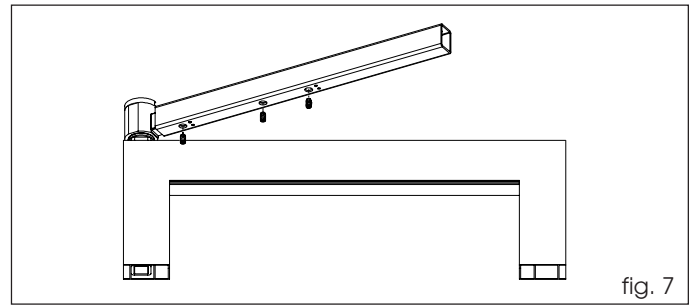
N.B.: the side panic bracket and the sliding block unit can be housed inside the cross-section of the leaf (fig. 5 and fig. 6) or secured on the outside (fig. 5a and fig. 6a). If they are fitted inside, drill 8.5 diam. holes and use the supplied screws; if fitted on the outside, use adequate self-perforating screws (not supplied).

Fit the top bracket, using the supplied washer and screw, as shown in fig. 5 ref. ①.

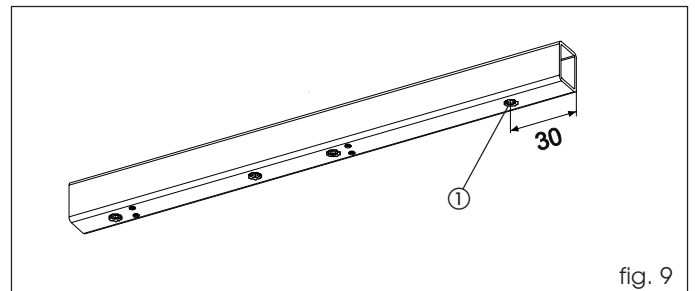


Insert the top rod on the bracket (fig. 7) and provisionally secure the parts to each other, using the dowels (fig. 7). Mark the dimension indicated in figure 8 on the rod. Remove the dowels and cut at the dimension you had marked.

N.B.: dimension X can vary according to the dimension of the profile being used.



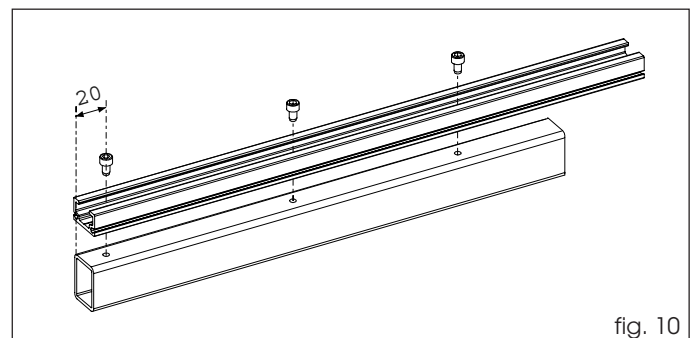
Drill a 8.5 diam. hole as shown in figure 9 ref. ①.



Cut the leaf attachment profile using the following formula:
 $L_p = L_a - 63$
where L_p is the leaf attachment profile and L_a is the leaf width.

IMPORTANT : the holes on the leaf attachment profile match those on the rod. Position the two parts so that the holes and the uncut edge of the rod match that of the profile (fig. 10). Mark the L_p dimension from the opposite side and cut the profile to measure.

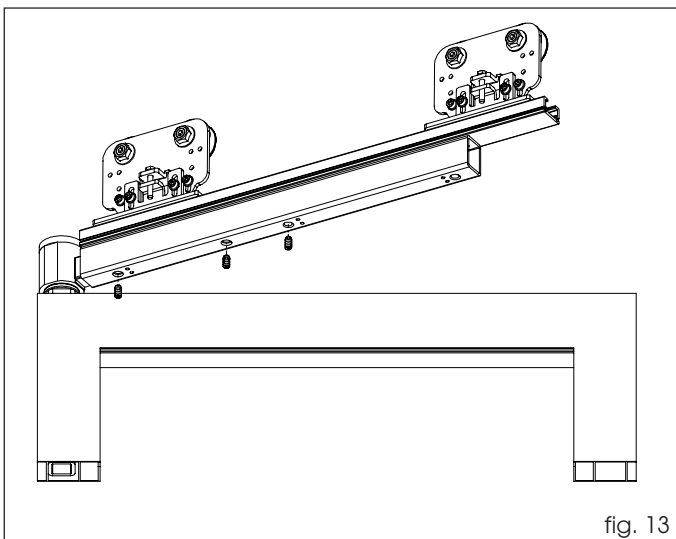
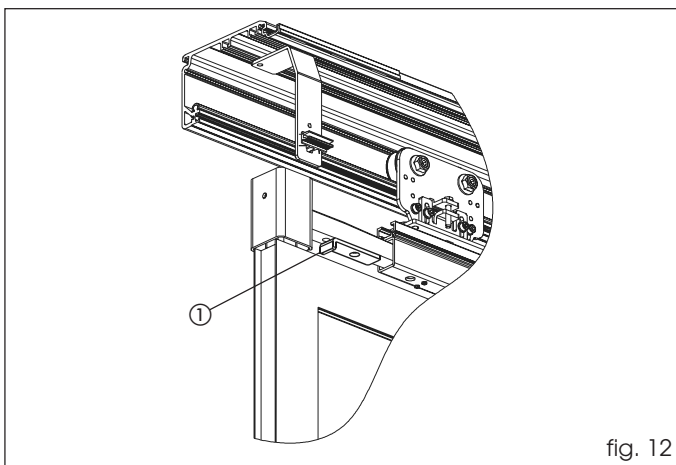
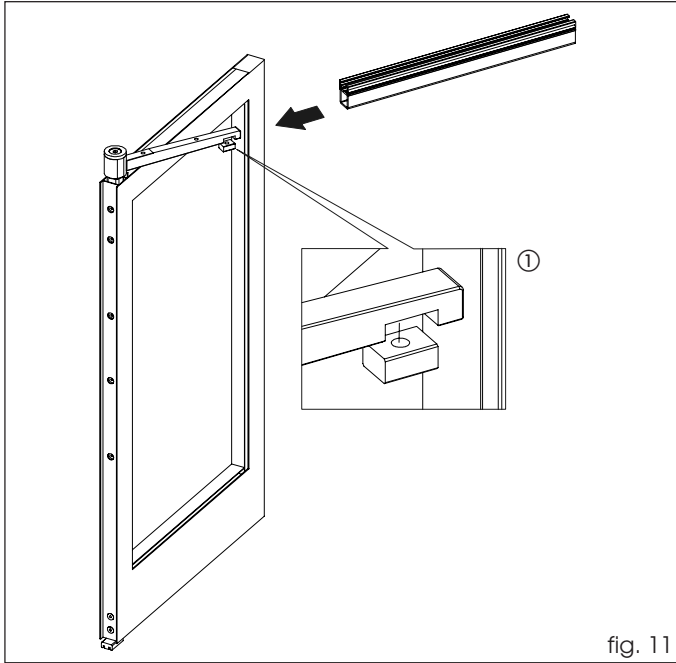
Assemble the two profiles (fig. 10) using the supplied screws.



Locate the block under the top bracket (fig. 11 ref. ①) and insert the rod as shown in figure 11, matching up the 3 holes of the dowels.

If using very light leaves (max 50 kg), locate the supplied square, as shown in figure 12 ref. ①, before inserting the rod on the top bracket.

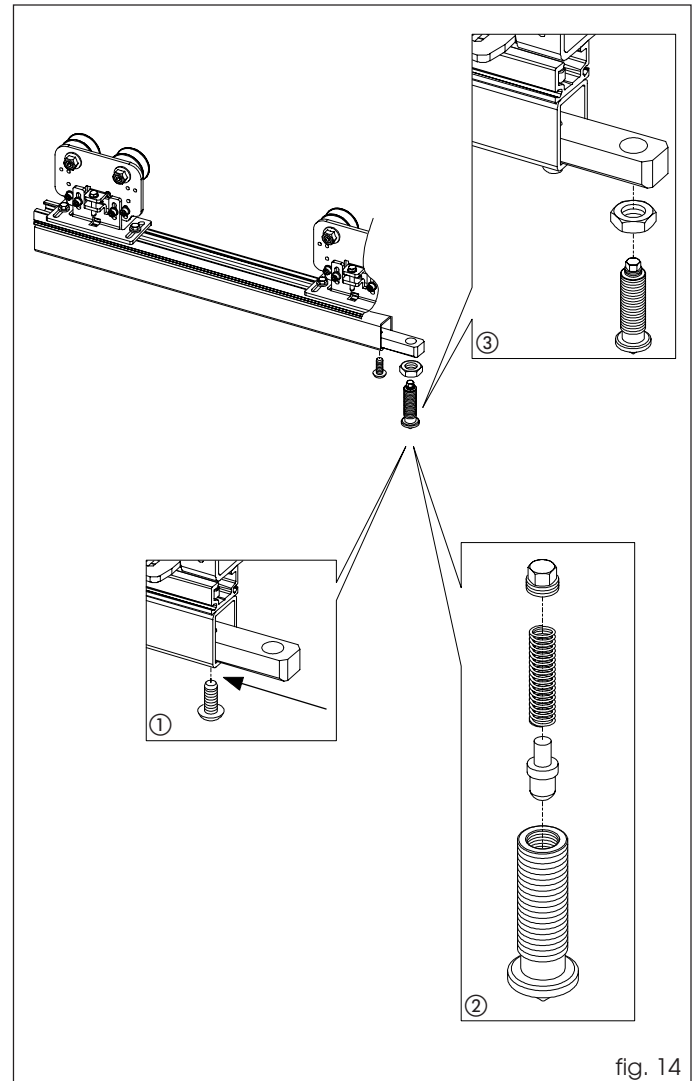
Insert the three supplied dowels as shown in fig. 13.



Fit the support bracket of the panic release unit on the rod and secure it using the supplied screw (fig. 14 ref. ①).

Assemble the release unit (fig. 14 ref. ②).

Fit the release unit on the support bracket, using the supplied nut as shown in fig. 14 ref. ③.



Position the hook-on block for the panic device (fig. 15 ref. ①) on the upper cross-piece of the leaf, respecting the dimensions in fig. 15.

Mark the two holes on the centre of the slot and secure the block, using self-perforating screws (not supplied).

N.B.: dimension X can vary according to the dimension of the profile being used.

If the surface for securing the block (fig. 16 ref. ①) is lower than the highest point of the leaf (fig. 16 ref. ②), use the supplied spacers to take the block to the same level.

Before installing the block, position the panel closure cover as shown in fig. 17 ref. ①.

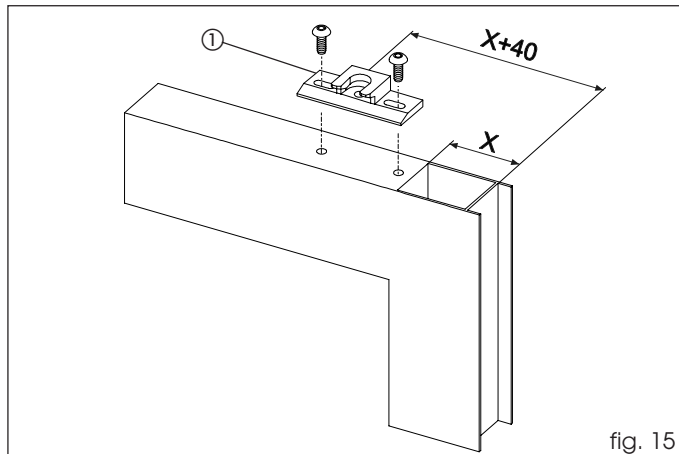


fig. 15

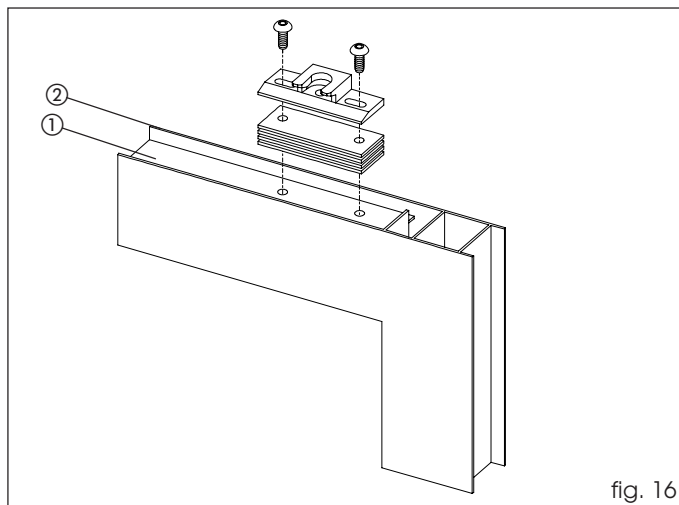


fig. 16

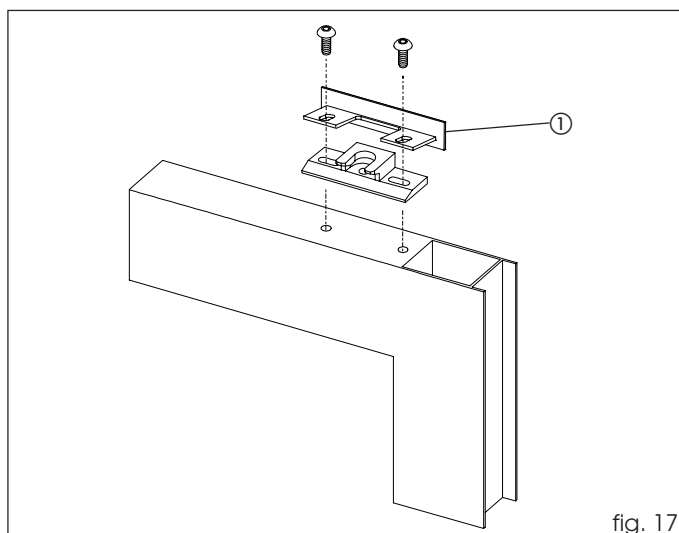


fig. 17

On the 940 automated systems, replace the carriage plate with the supplied one (fig. 18 ref. ①).

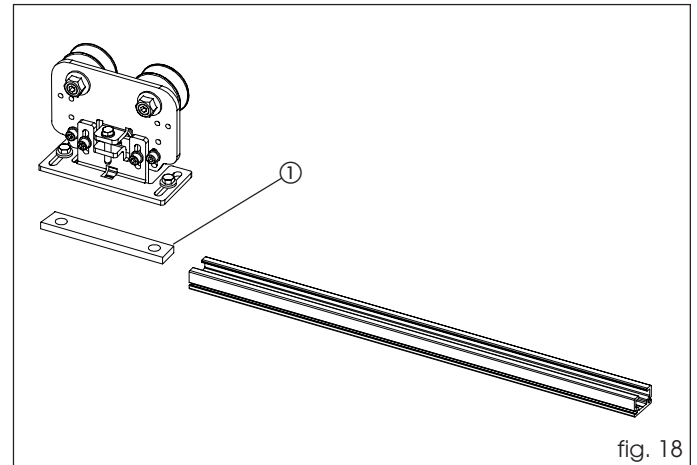


fig. 18

Fit the closure cap using the supplied screw (fig. 19 ref. ①).
Fit the leaf on the cross-piece.

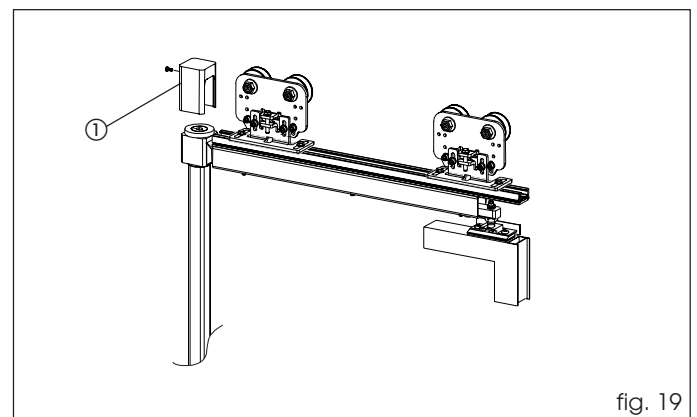


fig. 19

Secure the floor-level sliding guide, from the leaf opening side, so that the sliding block does not come out of the guide through the entire travel. Use countersunk head screws.

Closed leaf, figure 20.

Open leaf, figure 21.

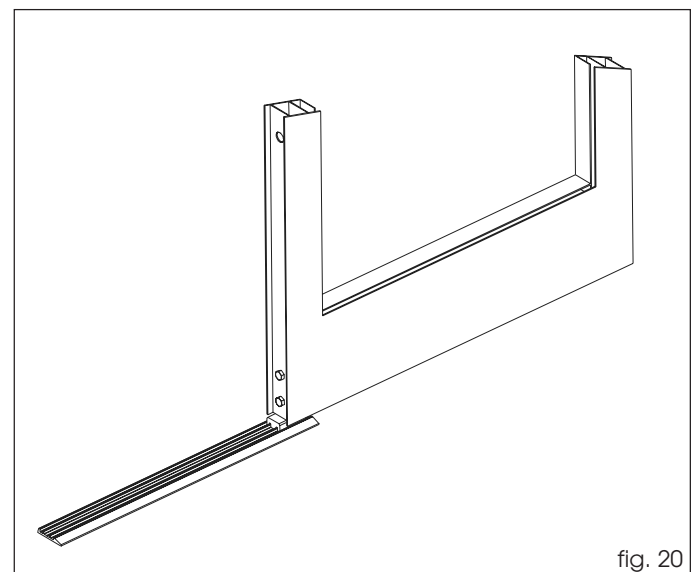


fig. 20

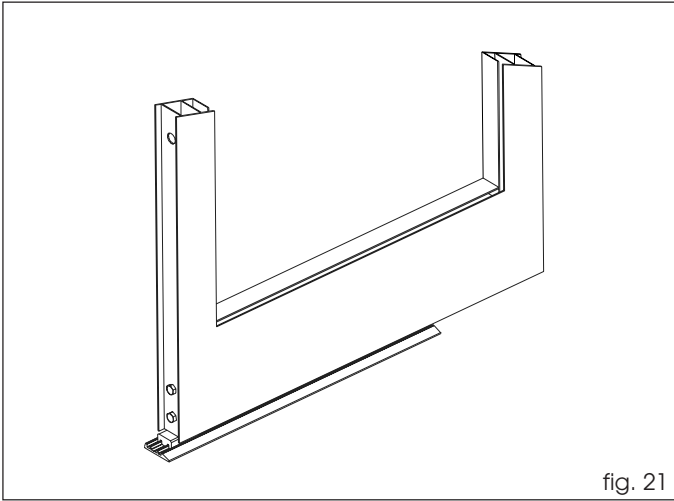


fig. 21

Adjust height (fig. 22) with dowel ①. Tighten the locking dowels ② and ③.

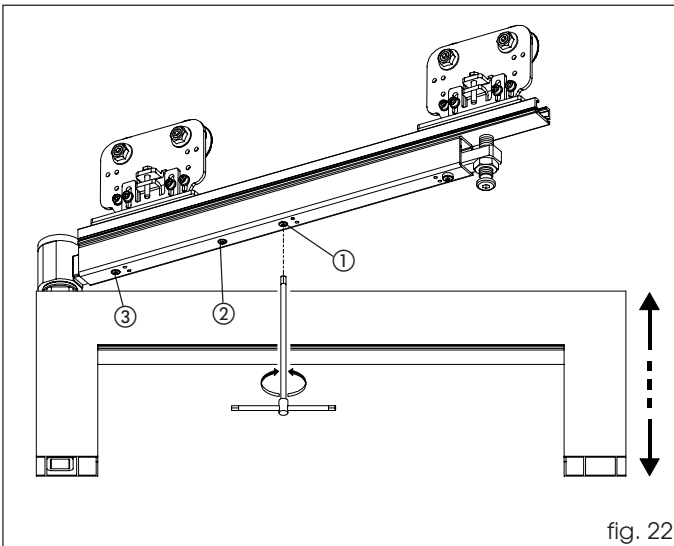


fig. 22

Loosen the nut (fig. 23 ref. ①) and adjust the height of the panic release unit (ref. ②).

Turn the hexagonal-head screw (ref. ③) to adjust the release tightness of the mobile leaf.

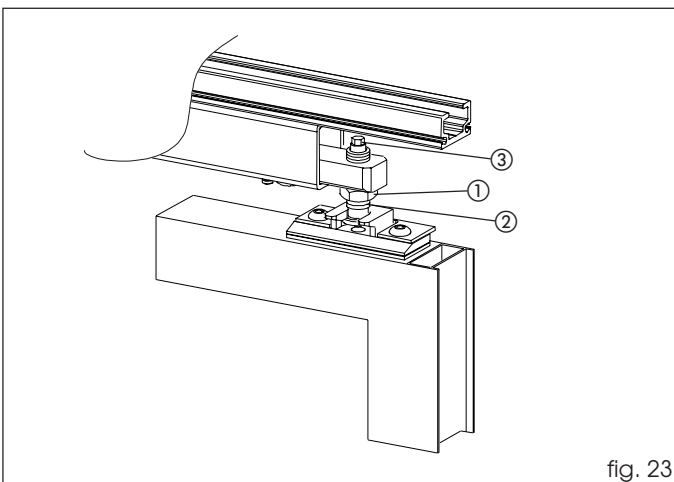


fig. 23

Provisionally position the panel support screws on the top rod (fig.24 ref. ①) and rest the two covering panels, using the slots. Mark and cut the two covering panels to cover the leaf completely.

Make an opening on the panel (fig. 24 ref. ②), at the panel closure cover, to prevent the panel from interfering with the leaf break-out.

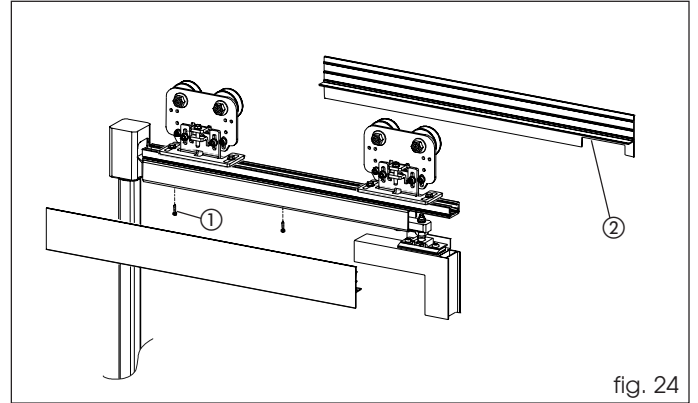


fig. 24

Fit the closure cover using the supplied screws (fig. 25 ref. ①). If necessary, depending on the dimensions of the leaf profile, break the cover in line with the partially drilled holes. The cover can close profile dimensions from 40 mm to 50 mm.

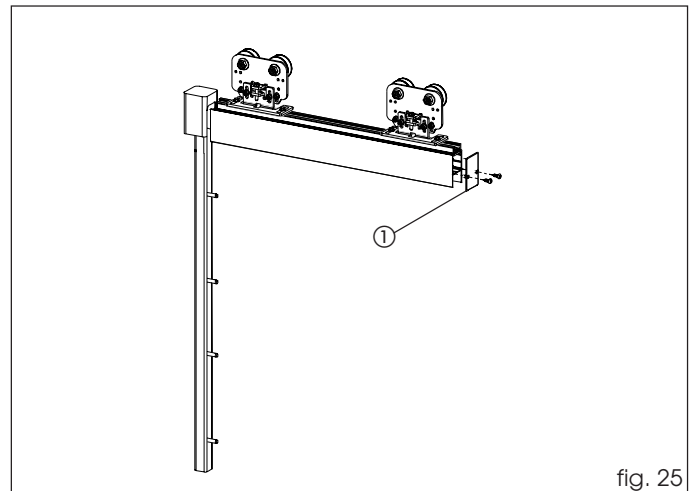


fig. 25

Install the spacers and the hook-on fittings on the mobile leaf as shown in fig. 26.

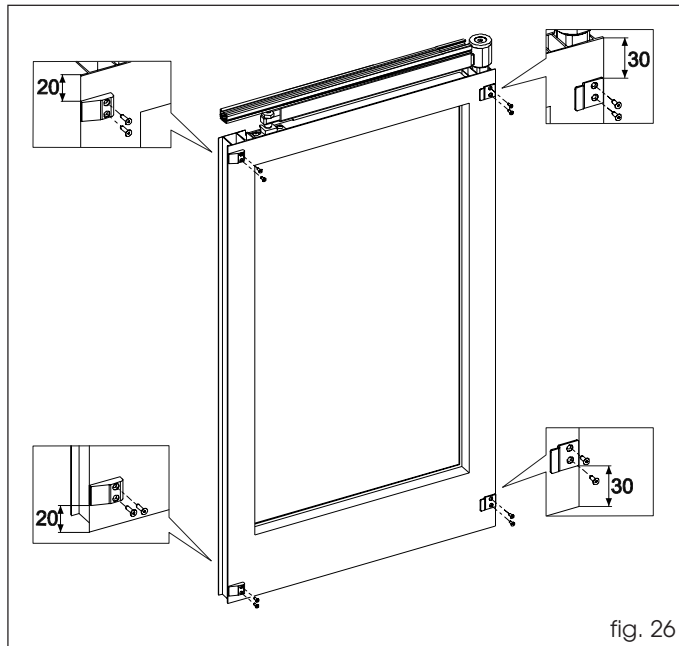


fig. 26

3. INSTALLATION ON FIXED LEAF

Assemble the fixed-leaf release unit as shown in figure 27.

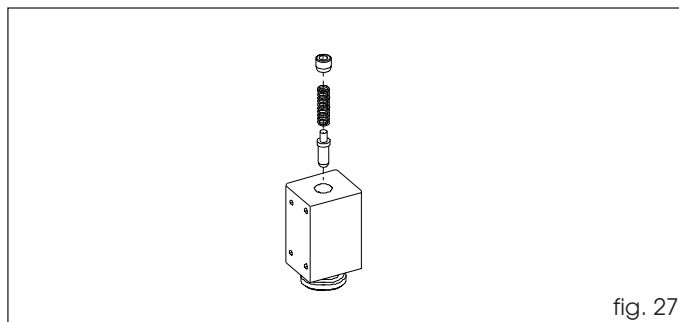


fig. 27

Drill the holes on the internal upright of the fixed leaf, so that the base of the release unit is sunk in by 5 mm with respect to the lower edge of the leaf (fig. 28)

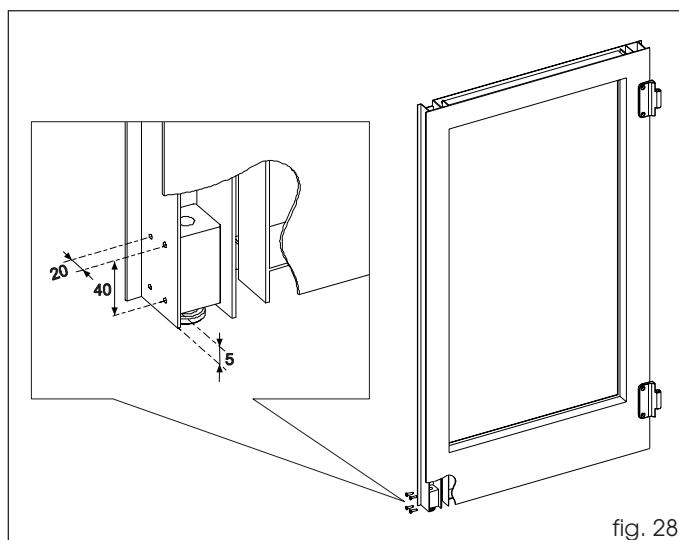


fig. 28

Secure to the floor the hook-on plate of the release unit in the closed leaf position (fig. 29). Close the leaf and check if correctly coupled.

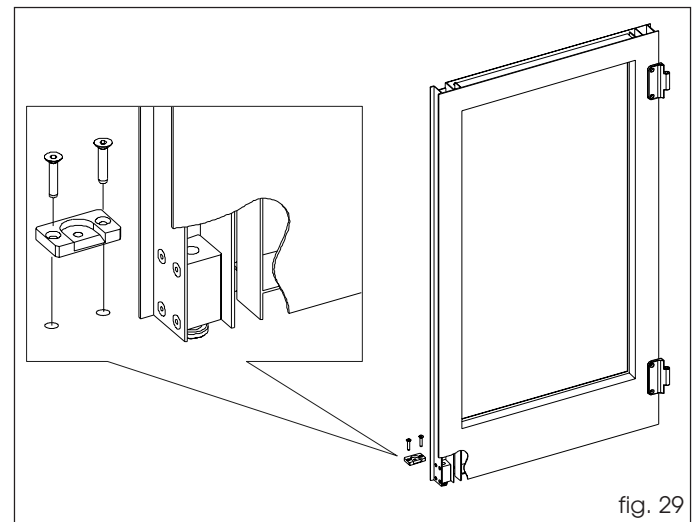


fig. 29

4. INSTALLING SM1200

The SM1200 panic system is used for break-out of mobile leaves only.

In this configuration, the cross-piece must be installed on the outside (compatibly with the IPclass of the automated-system cross-piece) in order to prevent the break-out of the sliding leaves interfering with the fixed parts (leaves or walls) - see figure 30. Installation and assembly are identical to those described previously.

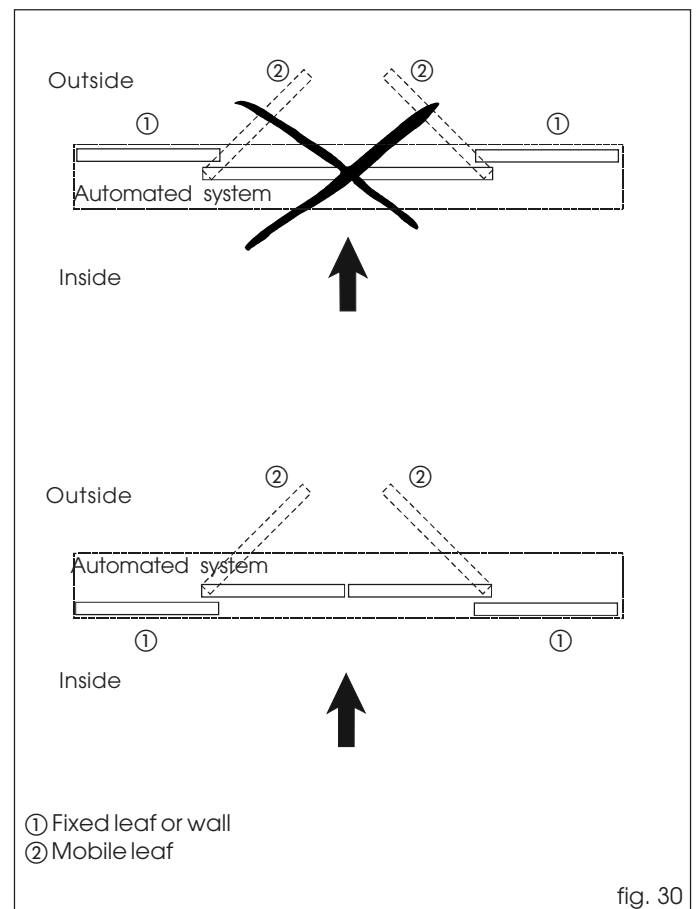


fig. 30

Le descrizioni e le illustrazioni del presente manuale non sono impegnative. La FAAC si riserva il diritto, lasciando inalterate le caratteristiche essenziali dell'apparecchiatura, di apportare in qualunque momento e senza impegnarsi ad aggiornare la presente pubblicazione, le modifiche che essa ritiene convenienti per miglioramenti tecnici o per qualsiasi altra esigenza di carattere costruttivo o commerciale.

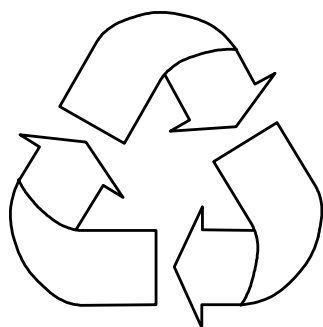
The descriptions and illustrations contained in the present manual are not binding. FAAC reserves the right, whilst leaving the main features of the equipments unaltered, to undertake any modifications it holds necessary for either technical or commercial reasons, at any time and without revising the present publication.

Les descriptions et les illustrations du présent manuel sont fournies à titre indicatif. FAAC se réserve le droit d'apporter à tout moment les modifications qu'elle jugera utiles sur ce produit tout en conservant les caractéristiques essentielles, sans devoir pour autant mettre à jour cette publication.

Die Beschreibungen und Abbildungen in vorliegendem Handbuch sind unverbindlich. FAAC behält sich das Recht vor, ohne die wesentlichen Eigenschaften dieses Gerätes zu verändern und ohne Verbindlichkeiten in Bezug auf die Neufassung der vorliegenden Anleitungen, technisch bzw. konstruktiv/kommerziell bedingte Verbesserungen vorzunehmen.

Las descripciones y las ilustraciones de este manual no comportan compromiso alguno. FAAC se reserva el derecho, dejando inmutadas las características esenciales de los aparatos, de aportar, en cualquier momento y sin comprometerse a poner al día la presente publicación, todas las modificaciones que considere oportunas para el perfeccionamiento técnico o para cualquier otro tipo de exigencia de carácter constructivo o comercial.

De beschrijvingen in deze handleiding zijn niet bindend. FAAC behoudt zich het recht voor op elk willekeurig moment de veranderingen aan te brengen die het bedrijf nuttig acht met het oog op technische verbeteringen of alle mogelijke andere productie- of commerciële eisen, waarbij de fundamentele eigenschappen van de apparaat gehandhaafd blijven, zonder zich daardoor te verplichten deze publicatie bij te werken.



FAAC per la natura

- La presente istruzione è realizzata al 100% in carta riciclata.
- Non disperdete nell'ambiente gli imballaggi dei componenti dell'automazione bensì selezionate i vari materiali (es. cartone, polistirolo) secondo prescrizioni locali per lo smaltimento rifiuti e le norme vigenti.

FAAC for the environment

- The present manual is produced in 100% recycled paper
- Respect the environment. Dispose of each type of product packaging material (card, polystyrene) in accordance with the provisions for waste disposal as specified in the country of installation.

FAAC écologique

- La présente notice a été réalisée 100% avec du papier recyclé.
- Ne pas jeter dans la nature les emballages des composants de l'automatisme, mais sélectionner les différents matériaux (ex.: carton, polystyrène) selon la législation locale pour l'élimination des déchets et les normes en vigueur.

FAAC der Umwelt zuliebe

- Vorliegende Anleitungen sind auf 100% Altpapier gedruckt.
- Verpackungstoffe der Antriebskomponenten (z.B. Pappe, Styropor) nach den einschlägigen Normen der Abfallwirtschaft sortenrein sammeln.

FAAC por la naturaleza.

- El presente manual de instrucciones se ha realizado, al 100%, en papel reciclado.
- Los materiales utilizados para el embalaje de las distintas partes del sistema automático (cartón, poliestireno) no deben tirarse al medio ambiente, sino seleccionarse conforme a las prescripciones locales y las normas vigentes para el desecho de residuos sólidos.

FAAC voor de natuur

- Deze gebruiksaanwijzing is gedrukt op 100% kringlooppapier.
- Laat de verpakkingen van de componenten van het automatische systeem niet in het milieu achter, maar scheidt de verschillende materialen (b.v. karton, polystyreen) volgens de plaatselijke voorschriften op de afvalverwerkingen en de geldende normen.

FAAC

FAAC S.p.A.
Via Benini, 1
40069 Zola Predosa (BO) - ITALIA
Tel.: 051/61724 - Fax: 051/758518
www.faac.it



Timbro del Rivenditore:/Distributor's Stamp:/Timbre de l'Agent:/ Fachhändlerstempel:/Sello del Revendedor:/Stempel van de dealer: