

# 1 System description:

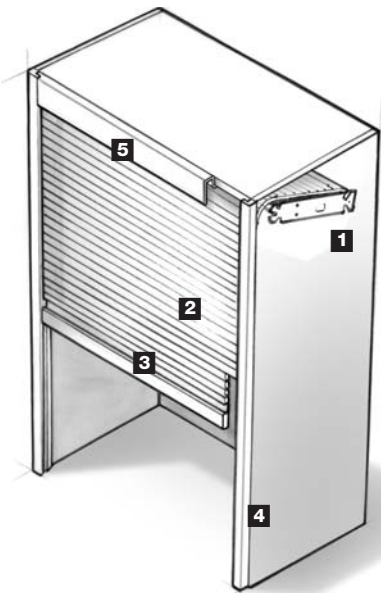


Fig.1

The RAUVOLET standard package contains all the necessary system components to manufacture a complete shutter cupboard.

A finished shutter cupboard can be manufactured with the minimum of effort based on a standard carcass.

The system contains the following components:

- 1 Counterbalancing mechanism C3
  - End brackets
  - Sprung core (pre-assembled)
  - Guide roller

- 2 Shutter carpet, RAUVOLET metallic-line
- 3 Slam-rail, pre-drilled for fixing of travel stops
- 4 Pre-fabricated running tracks
- 5 Pelmet
- 6 Accessories :
  - End caps for running tracks
  - Slam-rail glides
  - Travel stops incl. 2 screws
  - Damping profile
  - 13 Pan Head screws 3x12 for track and pelmet
  - 6 Pan head screws 4x12 for bracket

# 2 Areas of application :

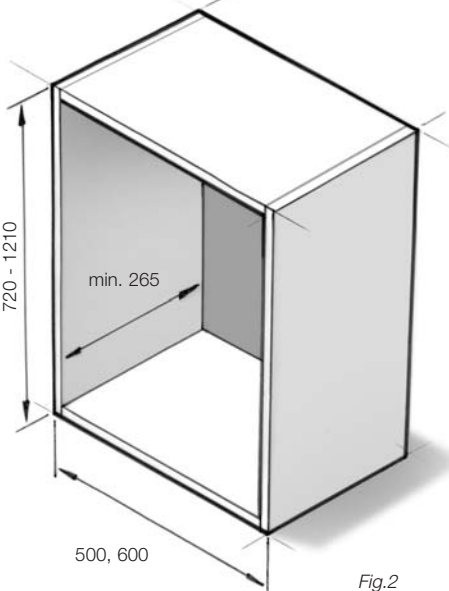


Fig.2

The RAUVOLET standard package caters for most common sizes of kitchen cupboard. It can be used for three and four-sided carcass designs.

An inside carcass depth of a least 265 mm is required to save on

space when installing the system. The various systems are matched to the cupboard widths 500, 600 mm and cater for heights of 720 and 1210 mm, depending on the width of the cupboard.

Package	Cupboard width	Cupboard height	Sprung core pretension
1	500	720	2 revolutions
2	500	1210	3 revolutions
3	600	720	2 revolutions
4	600	1210	3 revolutions

Table1

# 3 Preparations for assembly:

## Preparation of the carcass

Both sides of the carcass are to be prepared as described below:

- Mark the position of the guide roller, drill a hole 8 mm in diameter, fit the positioning dowels. (Fig.3) You can also use the template provided on the last page of this manual
- Mark the position of the back fixing hole and pre-drill a hole 2.5 mm in diameter. For this, use the end bracket as a template and push it up against the positioning dowels up to the stop. (Fig.4)

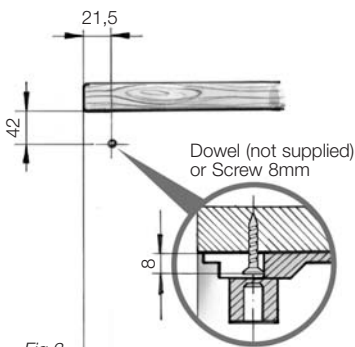


Fig.3

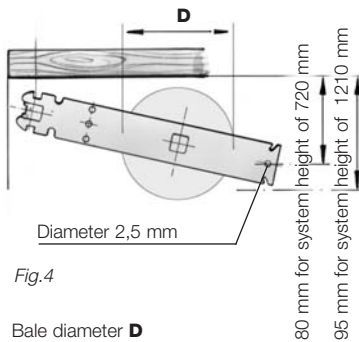


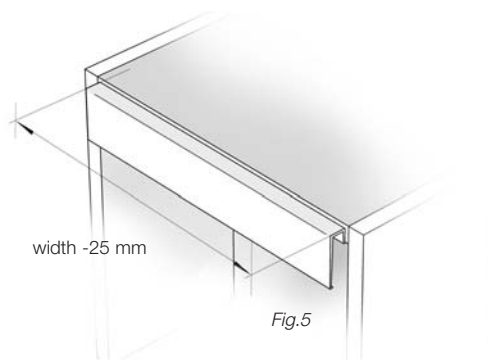
Fig.4

Bale diameter **D**

## Preparing system components

### 1. Pelmet:

The pelmet is pre-fabricated for use in a carcass with 18 mm board thickness. When using a 19 mm board the pelmet length is cut down by 2 mm.



### 2. Slam-rail:

The slam-rail comprises the components: slam profile **1** and damping profile **2**. No additional assembly of the slam-rail is required.

The damping profile is trimmed to match the length of the slam-rail and pushed into the ribbed groove. The damping profile can be secured using super glue, if required.

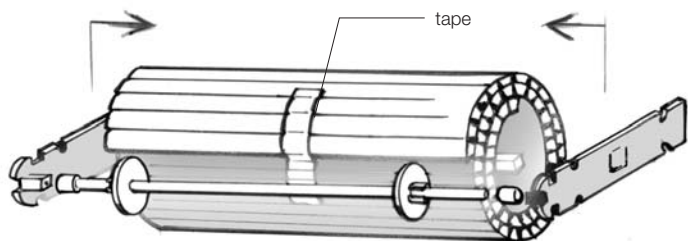
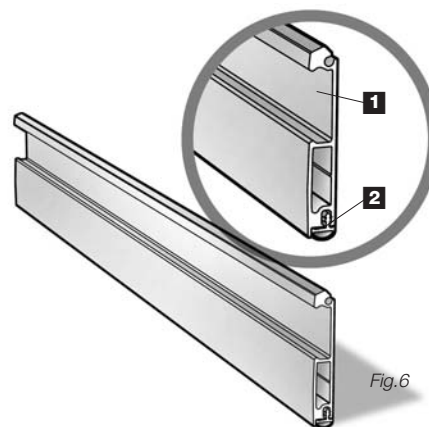


Fig.7

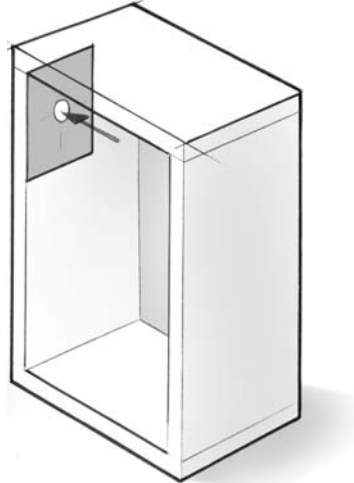
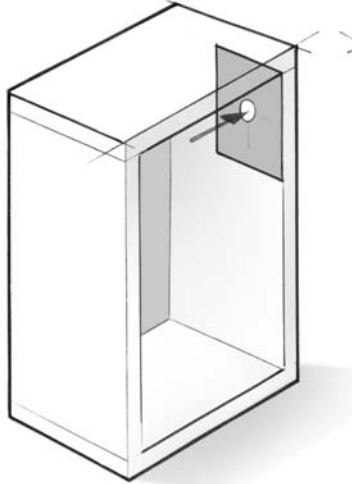
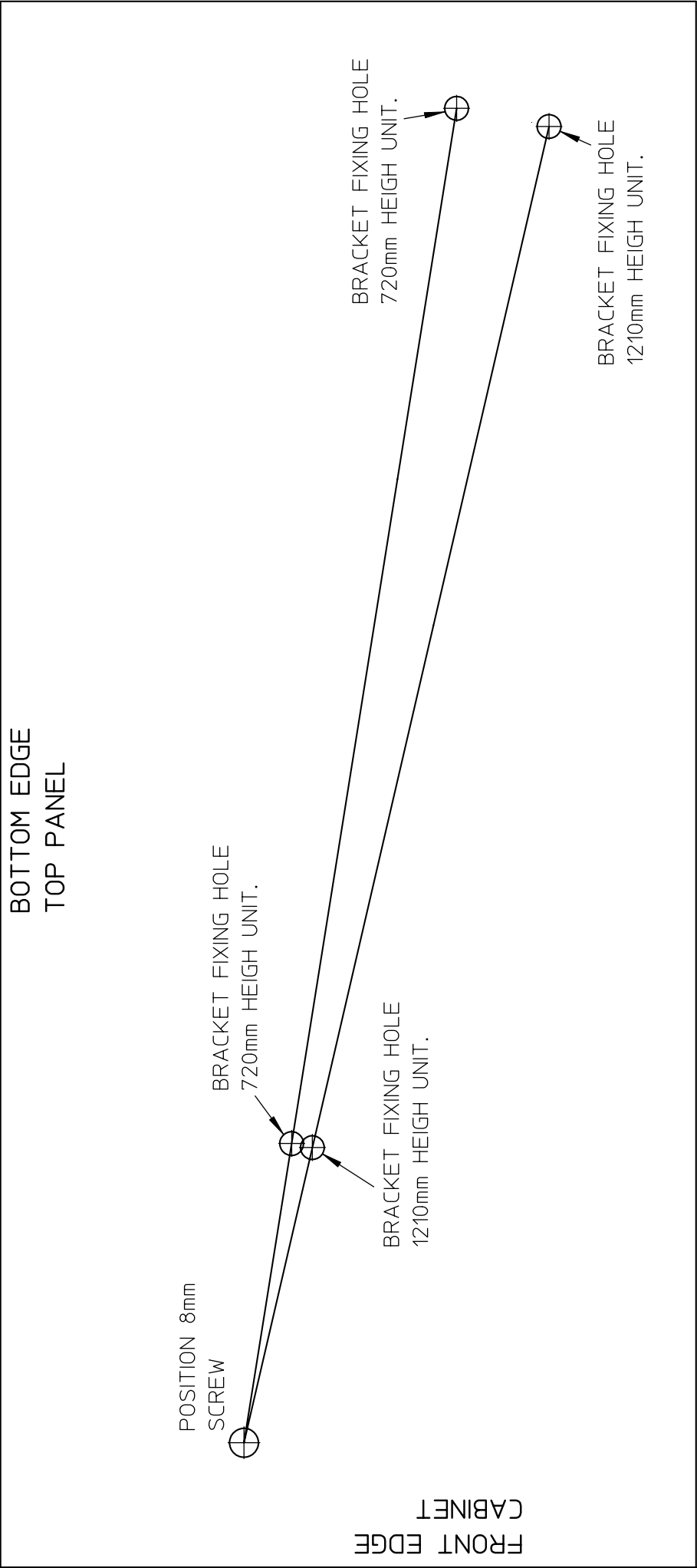
### 3. Preparing the shutter unit

**Take care: Do not** pre-load the sprung core mechanism before it is fitted into the cupboard!

- Lay the shutter on the table with the adhesive tape showing at the front.
- Push the bracket onto the sprung core mechanism on the left and right.
- Attach rubber rings to guide wheels and fit onto the axle (wheels must slot into groove)
- Press bushes for guide roller into front cylindrical bearing
- Fit guide roller between the two front positioning bearings. (Fig. 7)

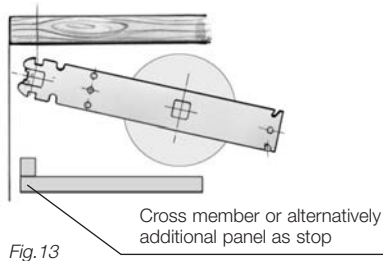
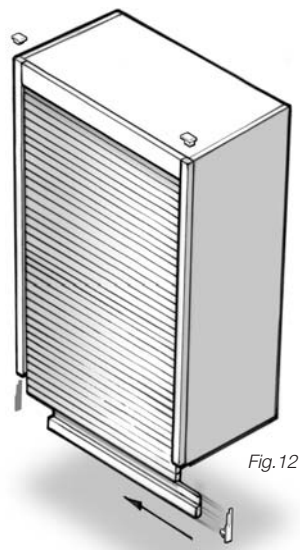
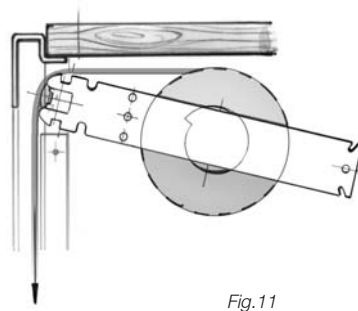
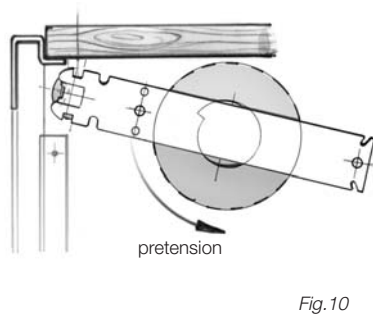
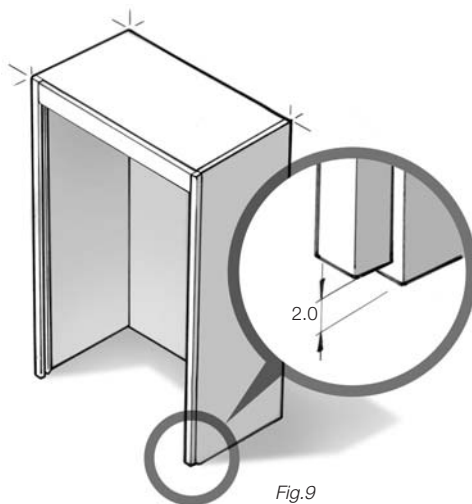
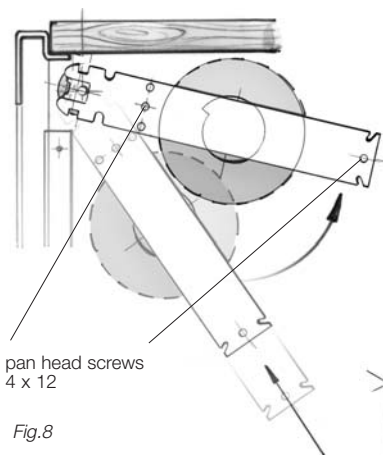
**The unit is ready for installation.**

# Template for marking the fixing position of the metal bracket



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## 4 Installation:



### 1. Installation of the pelmet:

Position the pelmet centrally on the top panel and screw in place (Fig. 5).

**Tip:** Simply use a running track to make centring quicker

### 2. Assembly of the shutter unit:

**Note:** the easiest way to fit the system is by placing the unit on its side, prior to installation.

- Place the shutter unit onto the positioning dowels/screws with the guide roller at the top and secure it in the pre-drilled fixing holes on both sides using a countersunk screw for each side (3x13'), but do not screw it down (Fig. 8)

- Secure the end brackets with two screws. (Fig. 8) It is important that the brackets are always pushed on fully against the positioning dowels/screws.

### 3. Installation of the running tracks

Screw the running track onto the carcass

- Position 2 mm from the bottom edge of the carcass (Fig. 9).

### 4. Activating the counter-balancing mechanism

- Pre-tension the rolled-up shutter carpet in an anticlockwise direction in accordance with Table 1 (Fig. 10)

- Remove the adhesive tape securing the shutter carpet and insert the shutter carpet via the guide roller into the running tracks. (Fig. 11)

**Warning:** The carpet must be held during this process, otherwise the pretension will cause spinning.

- Pull the shutter carpet down, until the force from the counter-balancing mechanism is no longer able to pull the carpet back up again, since at this stage, there are no travel stops.

### 5. Assembly of the slam-rail:

- Pull the carpet out beyond the bottom of the carcass. Insert the slam-rail. Finish off the left and right sides of the slam-rail with slam-rail glides (Fig. 12).
- Now press down the spring legs of the slam-rail glides to push the carpet with the slam-rail back into the running track.

### 6. Final assembly:

- If required, secure the travel stops in the pre-drilled holes on the rear of the slam-rail using the screws provided.
- Fit the end caps onto the running tracks.
- A cross member should be positioned underneath the end brackets as an upper limit stop for the Slam-rail (Fig. 13).

**Installation is now complete.**

## RAUVOLET metallic-line®

