



Instruction manual

Pressing tool for the installation of
sandwich panels



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PREAMBLE

Dear Sir or Madam,

please have a look at the device following the order of the chapters and keep this manual somewhere safe for further use.

This manual contains important information for the activation and use of the device.

Please attach this manual if handing over the product to third parties!

Please read the safety instructions closely! They are supposed to facilitate the proper use and help to prevent misunderstandings and damages.



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To prevent malfunction, damages and health issues, please note the following advice:

- Physically or mentally challenged people must not use the pressing tool.
- The pressing tool was designed as an installation aid for sandwich wall panels. The usage for any purpose than the installation of sandwich wall panels is not permissible.
- The pressing tool is used entirely at the risk of the installation company and their staff.
- Before using the pressing tool, look for damages. All parts that do not look like they did originally must be replaced before installation.
- The use of a damaged or defect pressing tool is not permissible. The user is responsible for the perfect technical condition of the pressing tool.
- The user is subject to legal regulations regarding industrial safety and health protection as well as to wearing the mandatory PPE (personal protective equipment) for constructions sites.

TOOLS REQUIRED

- allen wrench
- spanner
- yard stick for adjusting of clamp to the thickness of the panel
- screw driver for attaching the device to the support construction if necessary

USAGE

- Before using the pressing tool, it must be checked for damages. All damaged parts/components must be replaced before installation.
- Pressing tools must be protected from falling off the support construction (SC) with the help of the safety rope before and while installation of sandwich wall panels.

PRECONDITIONS

- The support construction must be checked for deviations.
- The first wall panel must be completely calibrated, aligned (rectangular) and attached to the support construction (SC).
- Depending on the type of sandwich panel, two different clamps will be applied for the installation of the wall panels (see “arrangement of clamps” Fig. 1; Fig. 2; and Fig. 3). One will be attached stationarily and the other non-stationarily in vertical position to pressure plate (15). Depending on the thickness of the panels, the position of stationary clamp (17) and the pressure plate with supporting element (11) can be adjusted to the wall panel which is to be installed.
- Before installation, the devices are to be secured to prevent falling off the SC.



Arrangement of clamps for Monowall > 50 mm panel thickness

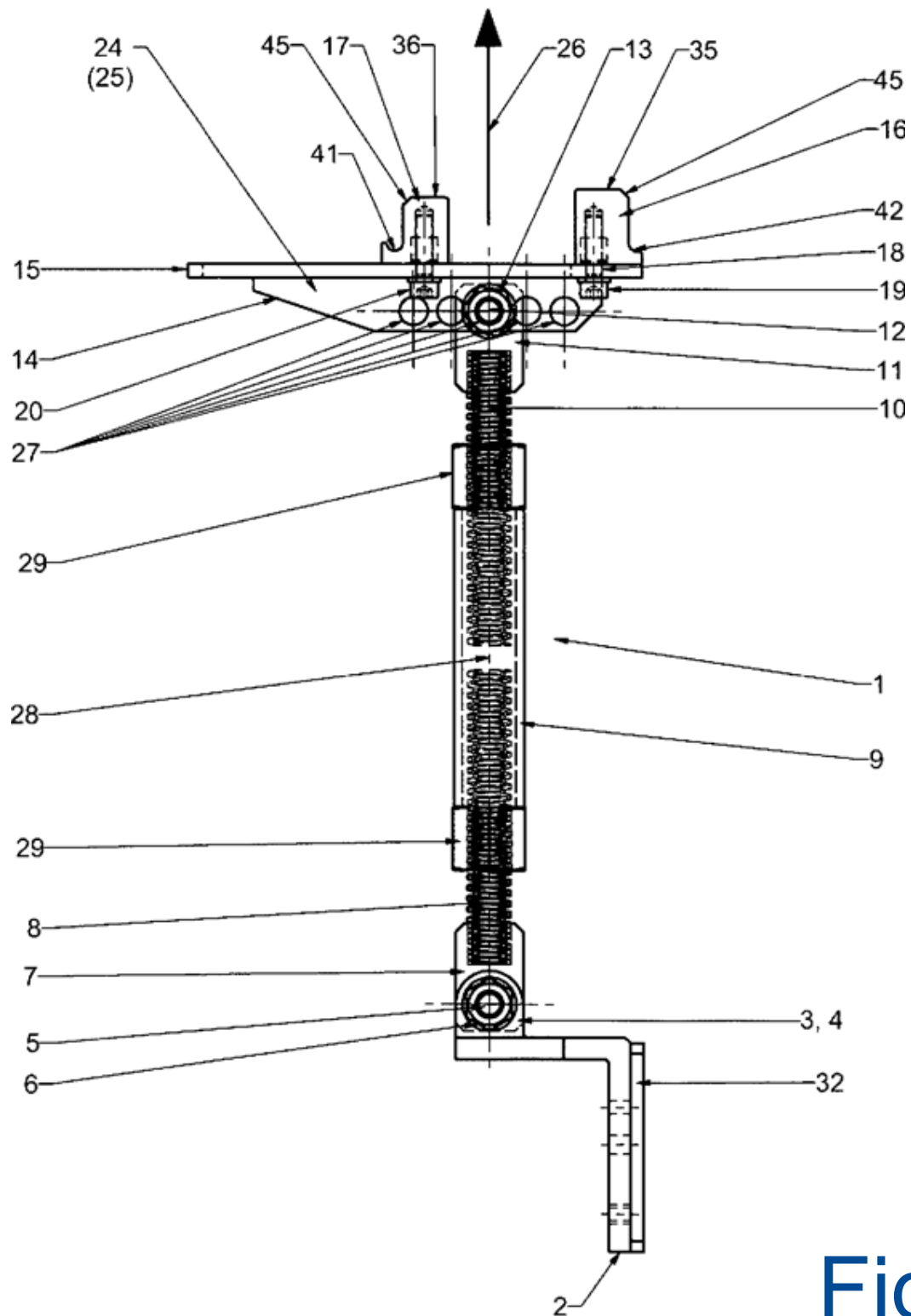


Fig. 1

Arrangement of clamps for Monowall between 40 and 50 mm panel thickness

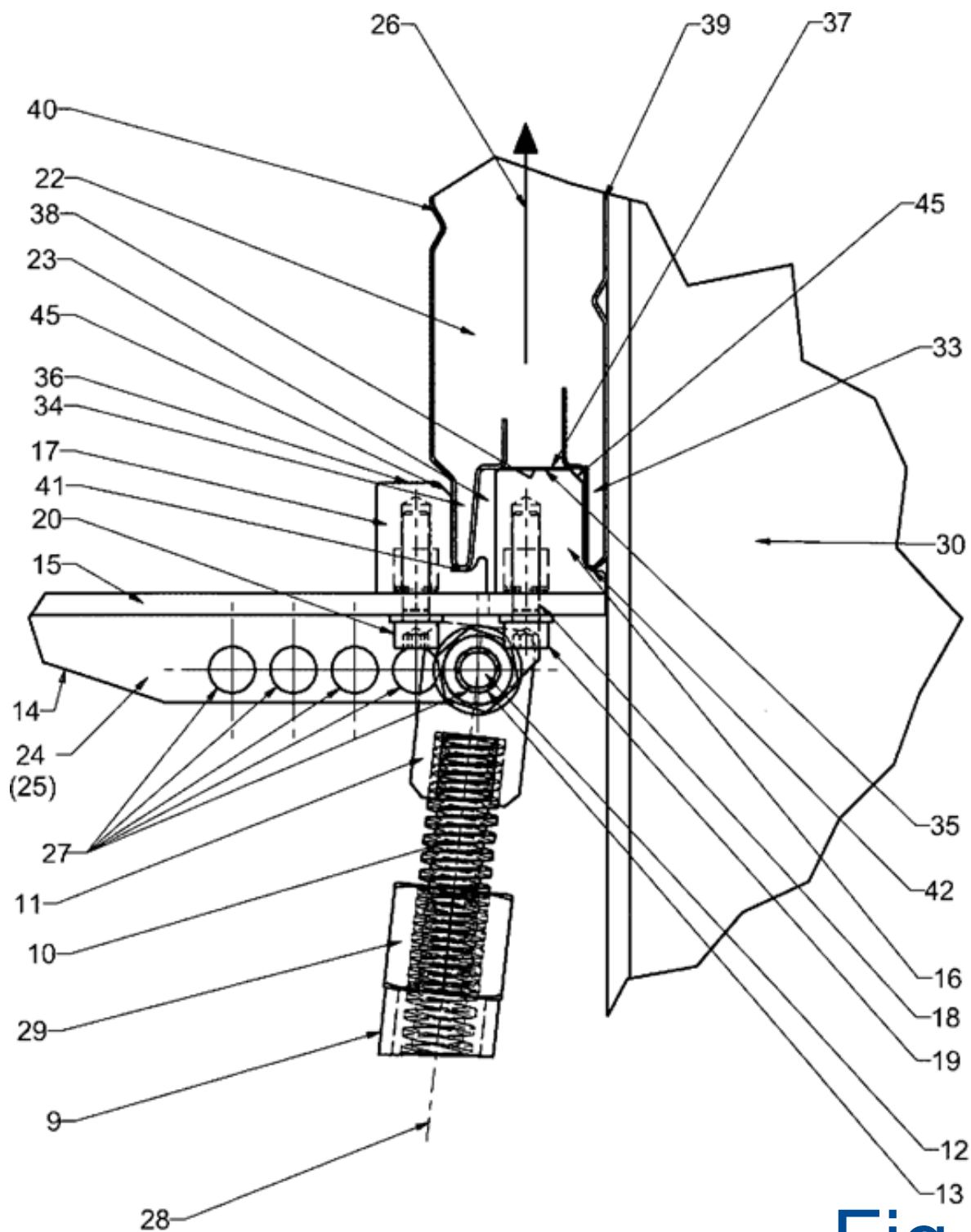


Fig. 2

Arrangement of clamps for Thermowall Kombi, Superwall, Hipertec-Wall and H-Wall P

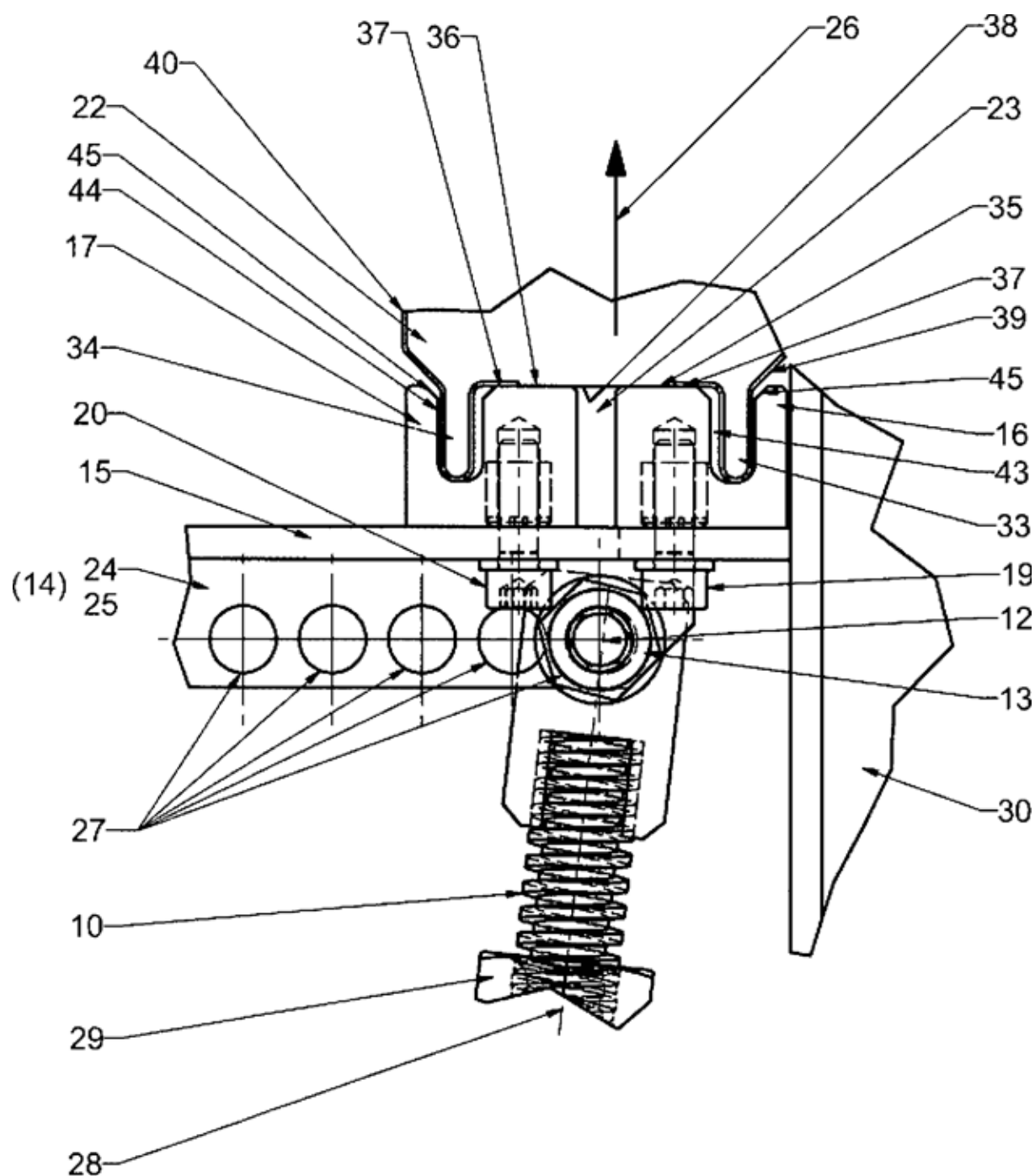


Fig. 3

KEY

No.	item	No.	item
1	pressing tool	25	bridge
2	mounting	26	pressing clamp
3	flange	27	drilled hole
4	flange	28	longitudinal axis
5	axis	29	spot face for jaw spanner
6	fastener	30	support construction
7	supporting element	31	clamping unit
8	threaded spindle	32	rubber element
9	tension lock	33	joint wing
10	threaded spindle	34	joint wing
11	supporting element	35	front surface
12	vertical axis	36	front surface
13	fastener	37	contact surface
14	adapter	38	joint base
15	pressing plate	39	cover sheet
16	pressing clamp	40	cover sheet
17	pressing clamp	41	groove
18	drilled hole	42	ark space
19	fastener	43	recess for notch
20	fastener	44	recess for notch
21	elongated hole	45	chamfer
22	sandwich wall panel	S	thickness of wall panel 22
23	notch	B	width of notch 23
24	bridge		

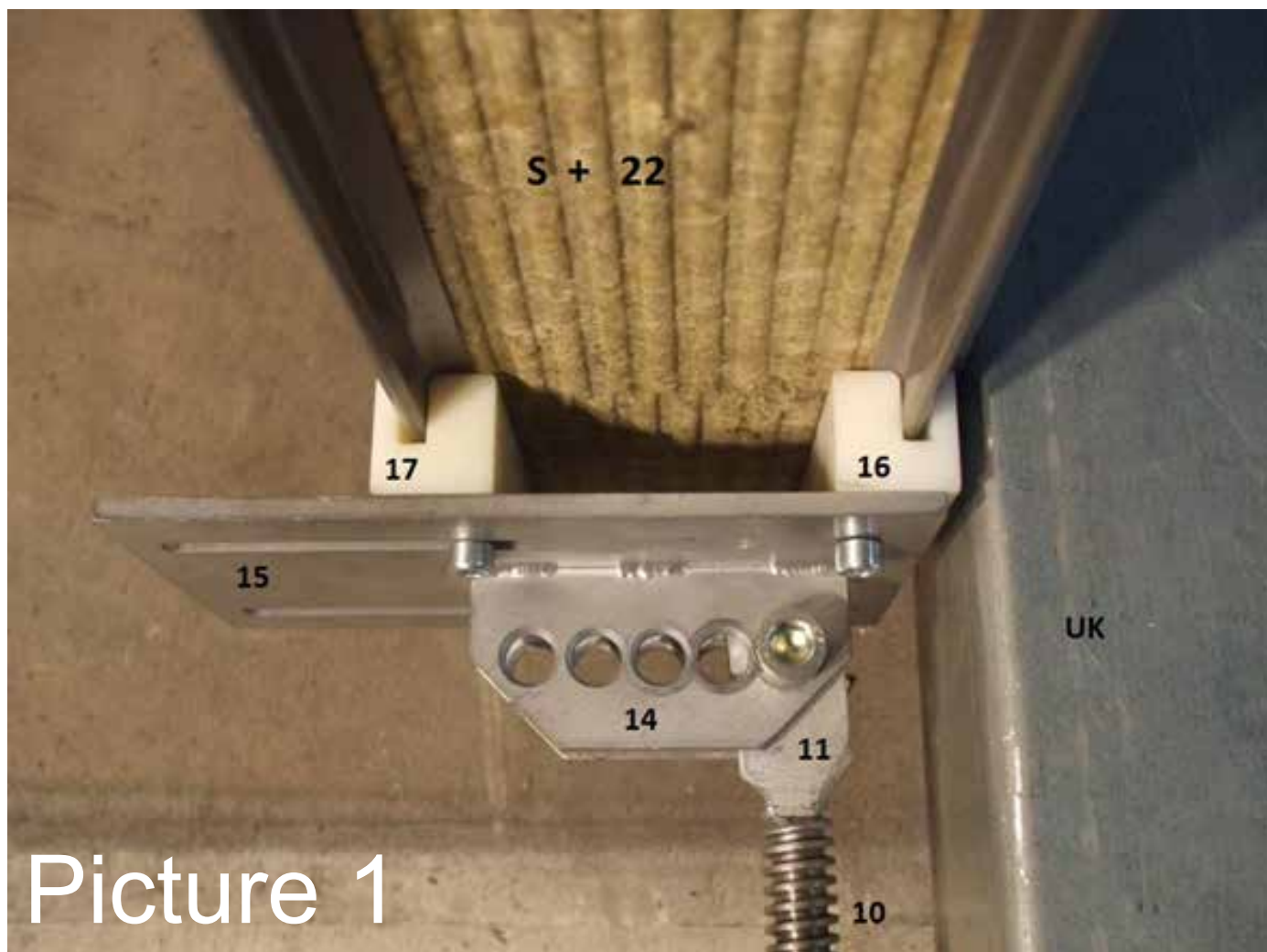


1. Pressing clamp and the respective wall panel

Attach pressing clamp (16) and (17) (matching the respective sandwich panel) to pressing plate (15), note the type of wall (i.e. Thermowall Fig. 3).

Pressing plate (15) with solidly attached pressing clamp (16) (short side of the pressure plate) always points to the internal sheet of the panel and the support construction (SC) (Fig. 1 and Picture 1).

Adjust pressing clamp with reference to the joint and the thickness of the panel (S) (Fig. 2 and Fig. 3).

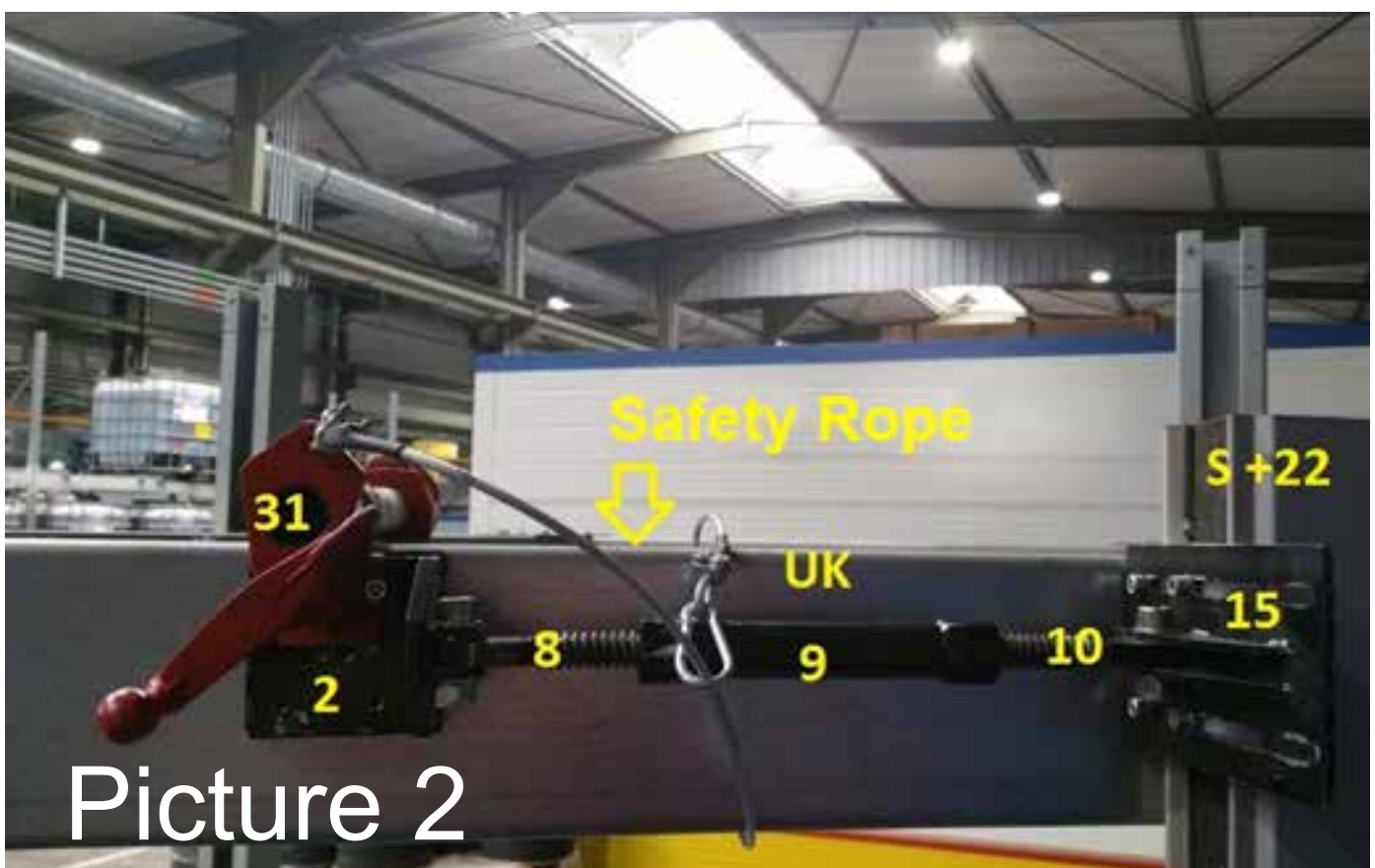


2. Device + steel rope for support construction or fixed connection

Adjust clamping unit (31) including mounting (2) to the approximate width of the support construction and secure the pressing tool with the help of the safety rope.

The pressing tool must always be secured from falling.

The device is assembled by using clamping unit (31) turning the crank handle (see Picture 2) .If this way of assembly is not possible, remove clamping unit (31) from mounting (2). After that, the pressing tool can be fixed to the support construction with a screw/bolt through the drilling hole in mounting (2).



Picture 2

3. Installation of wall panels

The first wall panel must be completely calibrated, aligned (rectangular) and attached to the support construction (SC) with regard to the installation guidelines of IFBS.

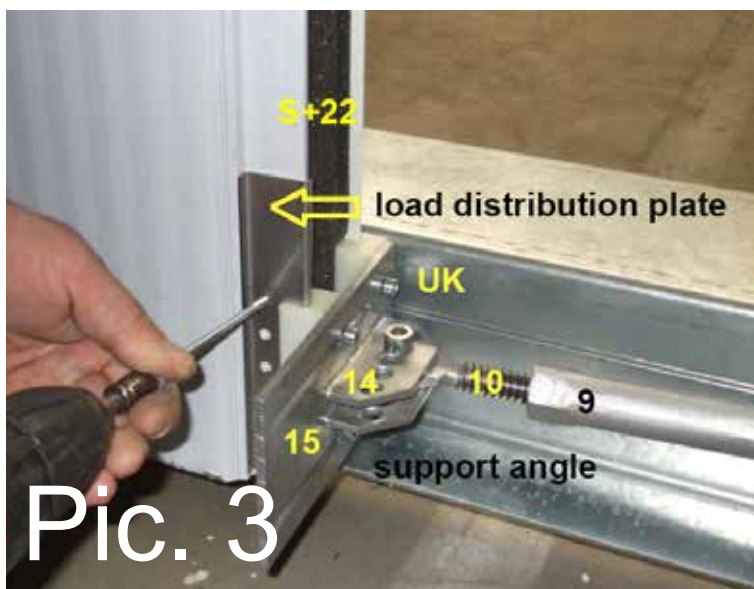
The second panel is positioned at the first panel and held with a lifting device (i.e. vacuum lifter). After that, the panel is temporarily held on several levels of the support construction (downwards, centred and upwards) with the pressing tool.

With the help of the device, the new panel is pressed against the already assembled panel via length variation (produced by the threaded spindles 8,10 and the tension lock 9).

At the same time, the compression of the sealing strip takes place in the panel joint.

Check if the new panel is levelled rectangularly to the the previous one. After that, you can attach the panel to the support construction.

Check instructions regarding type and quantity of screws and a load distribution plate which may be needed, (see Picture 3).



After a complete installation of the panel, the pressing tool can be removed by loosening tension lock (9).

Pic. 3

CLEANING AND MAINTENANCE

- Clean the pressing tool thoroughly after each use.
- All moving parts must be checked and greased regularly.
- Regularly check the safety rope and all parts of the pressing tool for damages and immediately replace damaged parts.

DISPOSAL

Dear customer, please help to avoid waste.

If you do not want to keep this product, please consider that many of its components consist of valuable raw material and can be recycled.

Because of that, do not throw the product in the dust bin, but bring it to a collecting point for recyclables.



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