



2liftu<sup>®</sup>  
easy move up



SEAT WITH STAND-UP AID  
READ THE OPERATING INSTRUCTIONS  
CAREFULLY BEFORE USE.  
ORIGINAL INSTRUCTION MANUAL

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## 1. General information

Before using your furniture with the 2liftu riser, read and follow the instructions below. Failure to follow these instructions may result in personal injury or damage to the furniture. Keep this manual in the pocket provided for this purpose under the seat or in a place easily accessible to the user. To avoid unnecessary mistakes and accidents, make sure that all persons using the seat are thoroughly familiar with its operation.

Please keep the manual and make sure that it remains with the furniture if it is moved or sold, so that anyone who uses it will have the appropriate information about its use and safety. For the protection of life and property, take the precautions specified in the manual, as the manufacturer is not liable for any damage caused if the seat is not used in accordance with this manual.

Contents of this manual:

-  Safety instructions
-  Instructions for application and use of the 2liftu function
-  Notes on maintenance and adjustment

This manual applies to the following products:

**Designation:** seat with stand-up support function (hereinafter: seat, 2liftu, device, product).

**Models / variants:** KP1 chairs with armrests, KT2 upholstered chairs with armrests, FT1 armchair with armrests.




It is the user's responsibility to comply with all safety regulations at all times. All safety regulations comply with the applicable laws and regulations of the European Community. Our product complies with the requirements of Directive 2001/95/EC of the European Parliament and of the Council of 3 December 2001 on general product safety. The product is protected by EU design patent no. 008028146-0001



**The manufacturer reserves the rights to these materials and intellectual property rights and prohibits, even partially, copying and/or disclosure of the contents of the documentation without the manufacturer's consent.**



## 2. Meaning of the symbols

SYMBOL	Meaning	Note
	INFORMATION	The symbol is used for information purposes. Draws attention to important information.
	MANDATORY	Before use, <b>be sure</b> to read these sections in the operating instructions.
	Danger	The symbol indicates a danger. Be especially careful.

## 3. General description

The 2liftu get-up assist function will provide fantastic daily relief for you, your caregivers and loved ones. People with limited musculature will feel significantly relieved thanks to the lifting force, which can be adjusted in 6 steps to suit each user.

**The 2liftu products with stand-up assistance function are basically available in two variants:**

1. 2liftu Standard - automatic seat actuation, constant pushing force, no blocking of the seat ejection mechanism, i.e. when slightly tilted or raised, the seat automatically starts to help you stand up.
2. 2liftu PLUS - is additionally equipped with a blockade that blocks the seat in the closed sitting position. The blockade is released in the case of the chair under the armrest with the help of a release handle or in the case of armchairs and upholstered chairs with another built-in release function.

**The 2liftu living world:** 2liftu products are available in various designs (as of 10/2022: 3 chair, 3 upholstered chair and 3 armchair designs) New modern designs are added to the collection every year. Our development department is working on new ideas, designs and auxiliary options for our furniture to beautify your home with modern products that support you in your everyday life. For people who suffer from obesity, we offer our chairs also in extra stable oversizes, in the formats L: +10cm, XL: +20cm and XXL: + 30cm wider seats, as well as stronger compression springs adapted to the weight. Thus, we have no hesitation to let people with weight up to 250Kg also participate in the 2liftu living world. Anti-decubitus cushions, with 3 or 8 cm thick viscose foam, as well as height-adjustable kidney support back cushions in matching fabric are available for all chairs. Keep up with the latest news at [www.2liftu.com](http://www.2liftu.com). Subscribe to our newsletter to stay informed. 2liftu furniture relieves both when sitting down by cushioning (shock absorption) and when standing up by the lifting force.



These are large mechanical forces that can be used in a controlled manner, unsupervised, only by persons in full possession of their mental faculties. Chairs with a 2-lift stand-up function are not yet a medical device. (Stand 11-2022)

Our furniture is made of, among other things, solid European beech natural wood. Therefore, natural wood behavior such as grain color differences and as well as other natural characteristics are possible and desired.

## 4. Intended use of 2liftu



**2liftu products are designed to help adults with limited or weak mobility and their caregivers get up and sit down. (E.g. seniors or people with disabilities) The maximum support / relief force of the seat is from about 20 kg for lighter people to 60 kg for heavier people. The construction of the standard furniture is designed for people with a maximum weight of 125 kg (stronger forces for more weight in the L-XL and XXL).**



**OTHER POSSIBLE USES ARE CONSIDERED INCOMPATIBLE WITH ITS PURPOSE AND THE MANUFACTURER IS NOT LIABLE FOR ANY DAMAGE THAT MAY RESULT FROM SUCH. IN PARTICULAR, IT IS FORBIDDEN TO EXCEED THE MAXIMUM LOAD CAPACITY OR TO INSTALL OR USE THE 2LIFTU FUNCTION IN OTHER FURNITURE.**

- 📌 2liftu may only be used on hard, level and dry floors
- 📌 2liftu must not be used on uneven floors

Intended use also includes all activities related to the proper and safe operation and maintenance of the 2liftu products. In this context the user is obliged:

- 📌 Familiarize yourself with the contents of the operating instructions and follow their recommendations
- 📌 Understand how the device works and how to use it safely and correctly.
- 📌 Accident prevention.

## 5. Safety requirements

Unauthorized methods of use may be dangerous to the health and safety of the user and persons in the vicinity. The following actions are the most predictable and absolutely forbidden:



**CAUTION!** The manufacturer is not responsible for the consequences of improper use of 2liftu products.

- 📌 Do not use the seat without reading these operating instructions;
- 📌 WHEN SITTING DOWN OR STANDING UP, ALWAYS GRASP THE ARMREST WITH BOTH HANDS AND MOVE IN YOUR NATURAL CENTER OF GRAVITY!
- 📌 If you DO NOT GRIPP THE ARM REST FIRMLY WITH BOTH HANDS when sitting down OR standing up, there is a risk of the furniture moving backwards or even tipping over, which may result in a fall.
- 📌 It is forbidden to exceed the load capacity of the seating furniture - over 125 kg for a standard piece of furniture;
- 📌 In case of 2liftu PLUS (blocking in sitting position) it is forbidden to release the lock if the user is not sitting on the furniture.
- 📌 If the 2liftu PLUS lock is released without a person sitting on the seat, there is a risk of crushing hands between the seat and the armrest or from a blow from the seat opening.
- 📌 Do not insert limbs between the structure and the lifting mechanism; there is a risk of crushing;
- 📌 Do not stand on the seat;
- 📌 Do not stand up too quickly / abruptly; Do not jump up
- 📌 Do not bend forward while sitting on the seat
- 📌 Do not rock in the seat;
- 📌 Do not use the seat with more than one person at a time.
- 📌 2liftu furniture is not a toy. Keep away from CHILDREN and ANIMALS;
- 📌 Do not leave unattended! Parents are liable for their children.
- 📌 Do not leave them unattended! Caregivers are liable for their patrons.



- ⌘ Do not place any objects on the inclined or closed seat surface;
- ⌘ Do not expose 2liftu to high humidity or water;
- ⌘ Do not use strong cleaning agents to clean the seat (except those specified in the technical data sheet of the upper material).
- ⌘ Do not use water or detergent to clean the pressure spring or mechanism, only a dry cloth with a smooth surface is allowed;
- ⌘ If possible, do not place 2liftu furniture on slippery surfaces. Use the appropriate furniture glides; (slippery floor covering = rubber glides!)
- ⌘ Do not modify the 2liftu mechanism. Any modifications to 2liftu will invalidate this Declaration of Conformity;
- ⌘ Do not attach any objects to the seat cushion;
- ⌘ Do not drill into the seat. Doing so may weaken the structure;
- ⌘ Do not subject the armrests to unnaturally heavy loads;
- ⌘ Do not repair the mechanism yourself. Please contact the manufacturer or an authorized dealer;
- ⌘ Do not expose the furniture to too low or too high temperatures. The 2liftu system works properly at room temperature. (after receiving the package, wait a moment for the furniture to reach room temperature)

**Residual risk:**

- ⌘ If you do not grip the armrest firmly with both hands when sitting down or standing up, there is a risk that the furniture will move backwards or even tip over, which can lead to a fall.
- ⌘ If the 2lift-PLUS lock is released without a person sitting on the seat, there is a risk of crushing hands between the seat and the armrest or a blow from the seat opening.
- ⌘ 2liftu furniture is "mechanical machinery" in the broader sense and is by no means a toy. Keep away from CHILDREN and ANIMALS; do not leave unattended! Parents are liable for their children. Caregivers are liable for their patrons.
- ⌘ Fall from the seat if the load capacity is exceeded or if the 2-Lift is incorrectly adjusted to the user's suitable weight;

**When following recommendations such as:**

- ⌘ Fall from the seat if the load capacity is exceeded or if the 2-Lift is incorrectly adjusted to the user's suitable weight;
- ⌘ Read all the instructions attentively and carefully, so use only by people who have read the instruction manual,
- ⌘ Prohibition to lead limbs into the mechanism area. (machine = dangerous place)
- ⌘ no unauthorized modifications or repairs to 2liftu;

the residual risk in the application and use of 2liftu products can be significantly minimized.

## 6. Application and Use

Let us take care of the safety of our loved ones. If you have GIFTED a piece of furniture with 2liftu function to a loved one, be sure to present them with the instruction manual, take your time and practice the handling and use of the new 2liftu assistive furniture together with the user. Only in this way you can be sure that the new owner will feel safe and comfortable using it alone later.

If 2liftu is intended for PUBLIC ROOM; clinic, waiting room, office, medical facility, nursing home, retirement home etc. and it cannot be guaranteed by the buyer that ALWAYS only a person familiar with the instruction manual will use the furniture, this must be noted when ordering. Such furniture called "2liftu public" will be provided with special obvious operating instructions, "2liftu public room instruction" which will be visible for every user, pointing out the most important conditions of use and dangers. It is the responsibility of the buyer to ensure that these are not removed while the furniture is in the public domain. It remains even in the case of "not removing the public instruction manual a RESTRISK, which is not the responsibility of the manufacturer in any situation. It is the sole responsibility of the purchaser or user to ensure the use in public areas according to this manual and to guarantee that users are informed about the possible dangers.

**Note:**

- At any time, the "2liftu public room instruction" manual can be reordered from the manufacturer to reduce the risk of use in public spaces
- It should be remembered that the strength of the 2liftu should be adequately adjusted to the weight of the user (6 strength levels to choose from), if it is too weak, it will not help when standing up, if it is too strong, there is a risk of pushing out and falling.



## 6.1 Before use:

- ☞ Familiarize yourself with the principles of safe use described in these instructions. They must ALWAYS be used to avoid a possible risk of accidents.
  - ☞ Make sure the chair is not placed on a slippery / smooth surface. If not supplied, obtain non-slip glides and place them under the feet of the furniture. (available at any hardware store).
- When using the chair, make sure that no hands are under the seat or near the mechanism. Also be aware of nearby children, Support staff, and pets.
- ☞ First set the mechanism to the minimum support, i.e. to the lowest force level XS. Practice the 2lift function, preferably with an attendant. Sit down several times and stand up again. Repeat until you are familiar and comfortable with the functionality. After you are familiar with the function and feel comfortable using it, follow the instructions to gradually increase the support force until you have adjusted the 2liftu mechanism to the perceived optimal force for your weight and the perceived optimal seat angle for your height.

## 6.2 Sitting down and Standing up

Both when sitting down and when standing up, ALWAYS have both hands firmly gripping the armrest. Otherwise, there is a risk that the furniture may slide backwards, and in the worst case, may even tip over. (Fig. 1)

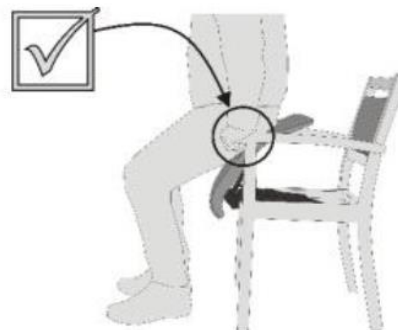


Fig. 1

When sitting down, place the rear edge of your buttocks at about 2/3 of the height of the seat surface. Otherwise, there is a risk that you will bump your back against the backrest before the seat is fully lowered. (Fig. 2)



Fig.2

Adjust the force setting of the 2liftu mechanism to your body size by means of the seat inclination in the chair frame from "Small to Large" (Fig. 3), and the pressure force by means of the force level setting under the seat from "XS to XXL" (Fig. 4). Accordingly, it should be adjusted neither too weak nor too strong. If the force is too strong, this will result in a lack of sitting comfort and discomfort, or if the pressure force is too weak, the function will not help you sufficiently. The 2liftu function is intended to help and support you and your caregiver, in no way can or should it completely replace your muscles. Follow the instructions on pages 7 and 8.

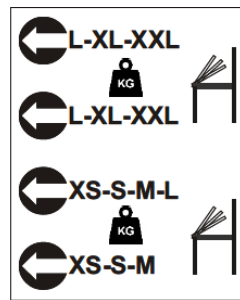


Fig.3



Fig.4

**2liftu standard** - Remember that the 2liftu function is constantly and continuously under pressure. Keeping your hands on the armrests, bend slightly up/forward and carefully raise yourself to the vertical position.

**2liftu PLUS** - to activate the function from the horizontal position, release the lock of the mechanism in the case of the chair by means of the handle / or in the case of upholstered furniture by means of the release function, which will then lift the seat first at your decision.

From now on, 2liftu with a lifting force of up to 60 kg will help your body to get up more easily.

Note - If you stand up too quickly or lean too far forward, you risk losing control of your posture and being pushed out of the seat.

### 6.3 Adjusting the mechanism - lifting force and seat inclination

Make sure that the lighting is good. Stand in front of the furniture and pull the seat towards you to make both mechanism sides easily accessible (Fig. 5).



Fig5



**VERY IMPORTANT:** Before starting the adjustment, please note that for products with the 2liftu PLUS system, the release mechanism on the pressure spring must be inserted **CORRECTLY** (the right way round) into the mechanism. If you do not pay attention to this, there is a risk that you could accidentally twist it and insert it the **WRONG** way around! This would **FORCIBLY DAMAGE** the mechanism for which the manufacturer would not be liable. In this case, loosen the spring, do not anchor it anymore. Contact the manufacturer. We would then be forced to replace the trigger at cost! In the meantime, the chair can be used unhesitatingly without function.

So with 2liftu PLUS, be sure to follow the instructions below for correct use of the spring with release system. (Tip - the cable should not be seen by the user in the foreground when the seat is open, the cable must be hidden behind the spring when the seat is open.)



**General: The principle hiring process is in the order described below:**

Too strong? Too weak? = Fig6-7. / Seat tilt too high too low = Fig 8-9.

- 1) Fig3. Loosen => 2) Fig4. Loosen - Adjust - Anchor => 3) Fig3. Adjust - anchor => test => not optimal?
- 4) Fig3. Loosen => 5) Fig4. Loosen - Adjust - Anchor => 6) Fig3. Adjust - anchor => test => not optimal?
- 7) Repeat the procedure until you have found and adjusted your Comfort by means of seat inclination and support force.

First, pull out the safety cotter pin and the bolt on the bottom of the mechanism to release the compression spring in the lower section. Later (before finishing the process) we will adjust the seat inclination here. (Fig. 6.7).

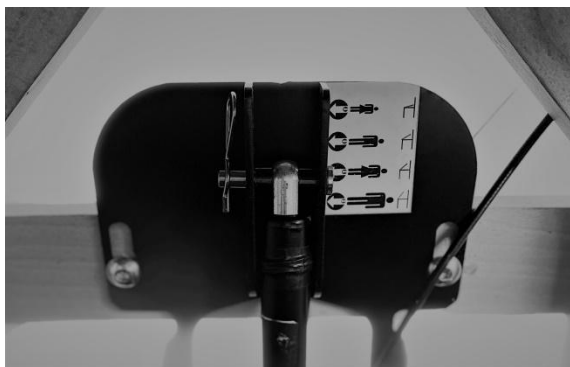


Fig.6

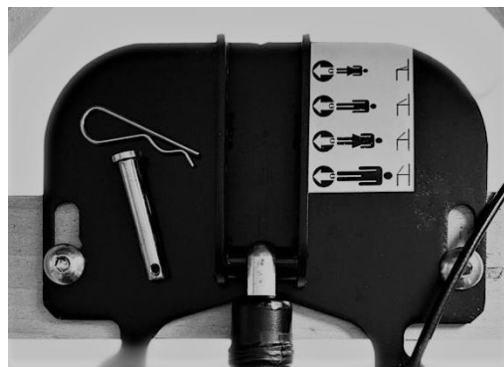


Fig. 7

Next, pull the safety cotter pin and bolt out of the upper mechanism under the seat (Fig.8-9). Now set this first to a supposedly lighter weight level than expected for your weight. (Tip - start with the lightest XS and increase step by step until you find your setting) XS-Minimum to XXL for maximum support. Re-insert the bolt and secure it with the safety pin.





Fig.8

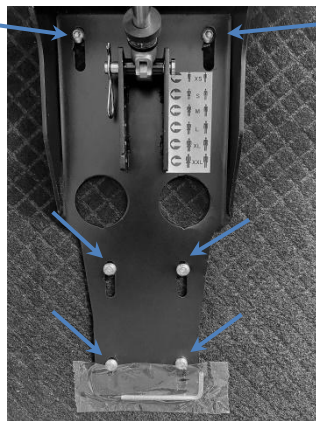


Fig.9

Next, again in the lower part of the chair frame, adjust the tilt of the seat for you by inserting the bolt into a position hole that you think matches your height. Finally, secure the bolt with the safety pin (tip - start with the lowest tilt) (Fig. 6,7).

Test for seat tilt and compressive force. Repeat each step, gradually increasing from the smallest to the level that suits you. ALWAYS apply the safety rules from these operating instructions!

## 6.4 Adjusting the seat depth



You can also adjust the seat depth on the 2liftu furniture by up to +/- 3cm using the Allen key included with these instructions. To do this, loosen all 6 screws, then slide the seat to the desired depth. Finally, tighten all 6 screws again.

## 7. Notes

2liftu seating furniture may only be used for the purposes and in the manner specified in this manual.

In any case, in addition to all the rules and instructions set out in the manual, the user should always follow the "common sense rules", putting safety first.

For its part, the manufacturer guarantees that the product/device delivered to the user has successfully passed factory tests in the full range of static loads. All comments and inquiries about operation should be directed to the address of the manufacturer or an authorized dealer.

## 8. Care and Maintenance

In order for your 2liftu furniture to work without problems for many years, some regular inspections and maintenance should be performed.

They include all activities necessary for adjustment, general maintenance and functional testing:

- Use a dry cloth with a smooth surface to clean the surface of the mechanism / pressure spring;
- If necessary, use lukewarm soapy water and a slightly damp cloth to clean the furniture.
- Store 2liftu products only in a dry and clean place;
- Should the furniture ever "move" to another location with or without you, or you replace the flooring in your home, please note that to the new flooring, the appropriate glides are also mounted under the feet. You can get different furniture gliders in any hardware store. Also, check annually to make sure the glides are not worn out. They should also be replaced if they lose their properties after prolonged use. (available in hardware stores);

Lp.	Frequency	Cleanliness
1	Before each use	General condition*, securing the spring
2	3 times a month	Checking the technical condition - checking for cracks, tightening the screws, checking the correct operation of the lifting mechanism*.

\* If technical defects are detected, the device must be taken out of operation. Report and repair only to the manufacturer or authorized dealer.

## 9. Contact details of the manufacturer

Fra-Com Markus Franken

Ul. Gliniana 11, 56-400 Oleśnica, Polska

**EMAIL:** [2liftu@fra-com.com](mailto:2liftu@fra-com.com) – [www.2liftu.com](http://www.2liftu.com)

**TELEPHONE:** [+48 573 071 943](tel:+48573071943)

## 10. Guarantee - Warranty

During the warranty period, the buyer is entitled to free repair due to manufacturing defects. The warranty is valid only if the product is delivered to the point of sale in complete condition and with proof of purchase.

The manufacturer's warranty is excluded if:

- the device shows damage due to natural wear and tear or improper handling of the product,
- if it is determined that the damage was caused by an attempted repair initiated by a third party,
- the product has been modified or repaired by unauthorized persons.
- The warranty does not cover those parts of the product that can be damaged by natural wear or overload. (e.g. Allen keys, screws, pads, paints).

## 11. Declaration of Conformity



## DEKLARACJA ZGODNOŚCI WE

EC Declaration of conformity

Numer deklaracji: 001/22

Number of declaration:

**PRODUCENT:**

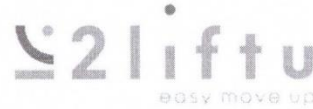
Manufacturer:

Fra-Com Markus Franken

Ul. Gliniana 11, 56-400 Oleśnica, Polska

**MARKA:**

Trade name:



**Deklarujemy na własną odpowiedzialność, że nasz produkt:**

We declare on our own responsibility that our product:

**NAZWA:**

Name:

Siedzisko z funkcją pomocy wstawiania

**MODELE:**

Models:

KP1; KT1; FT1

**NUMERY SERYJNE:**

Serial numbers:

AA/XXXX/YYYY, gdzie AA to niezmiennie oznaczenie modelu, XXXX to każda kolejna sztuka wyprodukowany w danym roku, YYYY oznacza rok produkcji.

**Wymieniony powyżej przedmiot niniejszej deklaracji zgodności UE jest zgodny z odnośnymi wymaganiami unijnego prawodawstwa harmonizacyjnego:**

The object of the declaration described above is in conformity with the relevant Community harmonisation legislation:

2006/42/WE

**Odwołania do odnośnych norm zharmonizowanych, które zastosowano, wraz z datą normy, lub do innych specyfikacji technicznych, wraz z datą specyfikacji, w odniesieniu do których deklarowana jest zgodność:**

References to the relevant harmonised standards used or references to the specifications in relation to which conformity is declared:

EN ISO 12100:2010

**DOKUMENTACJA ZOSTAŁA SKOMPLETOWANA PRZEZ:**

Documentation was completed by:

Markus Franken

Ul. Gliniana 11, 56-400 Oleśnica, Polska

**Niniejsza deklaracja zgodności wydana zostaje na wyłączną odpowiedzialność producenta.**

This declaration of conformity is issued under the sole responsibility of the manufacturer

Dokumentacja techniczno-konstrukcyjna dla opisywanej maszyny została przygotowana zgodnie z Załącznikiem VII, Częścią A dyrektywy 2006/42/WE oraz jest przechowywana pod wskazanym powyżej adresem. Na żądanie organów państwowych producent zobowiązuje się przekazać rzeczoną dokumentację techniczną elektronicznymi kanałami komunikacji. Maszyna obejmuje elementy mechaniczne, komponenty wyprodukowane przez innych producentów, którzy są w posiadaniu dokumentacji technicznej dla wytworzonych elementów oraz wydali dla nich wymagane deklaracje zgodności lub włączenia

The technical and construction documentation for the described machine has been prepared in accordance with Annex VII, Part A directive 2006/42/EC and is kept at the address indicated above. At the request of state authorities, the manufacturer undertakes to provide the technical documentation in question via electronic communication channels.

The machine includes mechanical elements, components manufactured by other manufacturers who are in possession of technical documentation for the manufactured elements and have issued the required declarations of conformity or incorporation for them

**Podpisano w imieniu:**

Signed on behalf of MARKUS FRANKEN

**Miejsce, data**

Oleśnica Poland, 9 november 2022

Place, date

Imię i nazwisko, Markus Franken,  
stanowisko Owner, Managing Director

i podpis osoby upoważnionej;

Name, surname, position and signature of authorized person