Assembly Instructions

LGM 2.0 BOOK - TILT UP TABLE / FREESTANDING TABLE
WARNING

READ CAREFULLY BEFORE BEGINNING INSTALLATION. IMPROPER INSTALLATION OF THE
PRODUCT MAY CAUSE SERIOUS INJURY. KEEP THIS INFORMATION FOR FUTURE REFERENCE

- Installation or any further adjustments must be performed by a licensed contractor
  or a trained professional, who will ensure proper assembly and installation.
- Installation must be performed by at least 2 people.
- Improper installation of this product can cause serious or fatal injury.
  Improper installation may result in permanent damage to the bed.
- The wall bed must be secured to the wall in FOUR locations using appropriate
  hardware. The contractor or installer must select the proper anchoring hardware
  based on the wall material. It is necessary to ensure that wall anchors of the bed
  can withstand forces generated. The value of the holding power (Fh) of each anchor
  should be 630 Newtons (142 lbf).
- All hardware must be properly tightened. No parts of the model should be
  left loose or unstable.
- In case of re-assembly or re-installation of the product, DO NOT USE the same holes
  drilled for original installation. Rather, the anchors, plates and plugs selected by the re-
  installer must be placed in a different, secure position. Never remove wall attachment
  screws without first removing the mattress, bed frame and hydraulics/pistons.
- It is the owners responsibility to periodically inspect the bed to make sure that the
  anchors are strong and show no signs of weakening (for example if you feel that the
  anchor screws are moving when pulling on the cabinet of the bed). Do not use the wall
  bed if the cabinet moves and do not open the bed if you are not sure that it is securely
  attached to the wall, because it could tip over causing serious injuries. When in doubt
  about the anchoring, please stop using the bed immediately and have it inspected by a
  professional.
- It is recommended to assess the structural integrity of the floor and wall to make sure
  that the wall anchoring devices can withstand the forces generated. More specifically,
  before installing the wall bed, it is necessary to verify that the floor and the wall on
  which you want to install the bed are flat and have no structural damage that could
  affect the installation of the wall bed or its anchoring to the wall. Do not install the bed
  on weakened or rotten structures.

Warranties for all products purchased from Resource Furniture, LLC are only valid if the product has
been properly assembled, installed by a trained professional, and operated in accordance with the
assembly instructions. Resource Furniture accepts no responsibility for any damage or injury caused
by Improper Installation.
LGM 2.0 BOOK OVERVIEW

GENERAL TECHNICAL INFORMATION

LGM 2.0 Book is a rotating wall bed featuring shelving and optional fixed or freestanding table on the front and a fold-down queen bed on the back. The hinged bed mechanism uses gas springs to assist in folding the bed up and down. The slatted bed base is equipped with integrated nightstands that open with a simple push of a touch latch. Available with optional integrated LED lights and USB ports. This transformable piece of furniture can be ordered alone or paired with any of our modular boiserie panels, cabinets, or closets to create a unique storage wall, perfect for any study or guest room.

**Rotating element:** provided with bar for upper and lower locking, for the line-up of the front.

**Table:** cm W155 x D 66 x H 72/74. - W 61” x D 26” x H 28 3/8” / 29 3/8”

**Bed base:** iron tubular, epoxy powder coating, bentwood multilayer beech slats fixed to the frame with nylon/rubber caps, height adjustable feet. Slatted bed base Kg 35/77lbs.

**Structure:** in wood, in the several available finishes, with adjustable nylon feet.

**Mattress:** cm 150x195x18/59”x 77” x 7” – weight Kg 29-32/64-70lbs.

**Belts:** adjustable nylon belts to hold mattress, with black nylon release buckles.

**Maximum liftable load:** (including mattress and covers set): kg 70/154lbs

**Load for each shelf:** Kg 10/22lbs equally distributed.
LGM 2.0 BOOK OVERVIEW – MAIN COMPONENTS
LGM 2.0 BOOK LED LIGHTS

LED LIGHTING
Integrated in the side panel of the wallbed, with opaline polycarbonate cover, in compliance with EN62471 regulation, belonging to “risk free” category, maximum safety warranty with no limit.
LED 3000°k 1,43 W IP40 108/118 Lm/W EEC A+ / Dimensions : mm W 12 x D 1 x H 200 / W 3/8" x D 3/8"x H 8"

Note: Cannot be installed on carpets or area rugs, if using an area rug it should be placed a minimum of 18 1/2” from front edge of the LGM.
LGM 2.0 BOOK HARDWARE

A X 8
B X 8
C 3,5x30 X 26

D 8x30 X 8
E X 4
F 4x20 X 16

LGM 2.0 BOOK TOOLS

2 PEOPLE REQUIRED
STRUCTURE ASSEMBLY

8

9

Optional USB wiring
Suggested location for electric receptacle

Electric receptacles **CANNOT** be placed in side the area of the bed & mattress due to fire hazard issues. The receptacle should be mounted horizontally with the bottom of the receptacle faceplate at 86" from the floor.

- 1 duplex outlet needed when only USB, LED, or LED w/ TV
- 2 duplex outlets needed when USB is combined with another powered feature

![Diagram showing the suggested location for an electric receptacle.](image)
WALL ANCHORING INSTRUCTIONS

Caution: Carefully read page 11-15 before anchoring the bed to the wall.

It is compulsory to fasten the product to intact and strong walls, by no less than 4 fixing points, as well as to place it on leveled floors.

Caution: The 4 included wall anchors are for solid concrete walls only.
WALL ANCHORING INSTRUCTIONS

After the unit is level and plumb it must be securely attached to the wall using the metal angle mounting brackets as shown in the images below. A proper wall anchor suitable for the wall’s construction must be selected by the contractor or installer.
WALL ANCHORING INSTRUCTIONS

For 1/2” and 5/8” thick sheetrock it is recommended to use (4) 3/16 strap toggles.

Using a 1/2” (13 mm) diameter metal bit, drill into the drywall.

Slide the metal channel of the anchor through the hole in the wall, hold the straps together and pull toward you until the channel rests behind the wall. Slide the cap along the straps until it is flush with the wall. Snap off the straps.

Insert the screw 3/16” X APPROPRIATE LENGTH into the hole and fasten the screw until the metal angle bracket is pulled snug against the wall.
Using a 1/2" (13 mm) diameter metal bit, drill into the drywall and the metal studs.

Slide the metal channel of the anchor through the hole in the wall, hold the straps together and pull toward you until the channel rests behind the wall. Slide the cap along the straps until it is flush with the wall. Snap off the straps.

Insert the screw 3/16" X APPROPRIATE LENGTH into the hole and fasten the screw until the metal angle bracket is pulled snug against the wall.
WALL ANCHORING INSTRUCTIONS

WOOD STUDS

For any other wall materials please reach out to Resource Furniture.

Put the wood screws #10 x 3 1/2” (89 mm) through the holes of the wall bracket and screw into the center of the studs until the wall bracket is pulled snug against the wall.
ASSEMBLY OF THE ROTATING STRUCTURE

- **G**: TPSCE M6x25 (X 6)
- **H**: 10x20x300 (X 2)
- **I**: TPSCE M6x25 (X 6)
- **J**: TPSCE M5x15 (X 8)
- **K**: TBCE FL M5x35 (X 6)
- **L**: 10x21,5 (X 6)
- **M**: TPCE M6X16 (X 6)
- **N**: TPSCE M6x30 (X 6)
- **O**: TPSCE M8x40 (X 2)
- **P**: (X 1)
- **Q**: (X 2)

2 PEOPLE REQUIRED
ASSEMBLY OF THE ROTATING STRUCTURE

At this stage of the installation the bed structure must be securely attached to the wall as described on pages 11-15

Note: Place the two slats underneath the carriage to reduce movements.
ASSEMBLY OF THE ROTATING STRUCTURE

Note: Carefully drive bolts “I” into the bottom of the shelf. Do not overtighten as this may cause damage.
ASSEMBLY OF THE ROTATING STRUCTURE

16

17

18

J x4
ASSEMBLY OF THE ROTATING STRUCTURE

19

20

21

ASSEMBLY OF THE ROTATING STRUCTURE
ASSEMBLY OF THE ROTATING STRUCTURE

22

23

24
ASSEMBLY OF THE ROTATING STRUCTURE

Note: Led wiring and front power point
ASSEMBLY OF THE ROTATING STRUCTURE
ASSEMBLY OF THE ROTATING STRUCTURE
ASSEMBLY OF THE ROTATING STRUCTURE

30

31
ASSEMBLY OF THE ROTATING STRUCTURE

32

33

x3

M x3
ASSEMBLY OF THE ROTATING STRUCTURE

34

35

36

37

LED

x1

x3

x3

x4
ASSEMBLY OF THE ROTATING STRUCTURE

38

39

remove

down

down
SHELF ASSEMBLY

- **R** (X 12)
- **S** (4x20) (X 48)
- **T** (D7X35 M6) (X 6)
- **U** (D10X21 M6) (X 6)
- **V** (M6X10) (X 6)
- **W** (D10X3) (X 6)
- **Y** (X 1) Optional
- **Z** (3X12) (X 2)
If tilt up table is included, use the shelf provided with specific fixing hardware. **Shelf depth 9 3/4”/250mm**

If freestanding table is included, use the narrow shelf. **Shelf depth 8 1/4”/210mm**
Optional grommet cover
BED BASE ASSEMBLY

A TPSCE M8x20 X 8
B M6x8 X 2
C TCCE M6x35 X 2
BED BASE ASSEMBLY

1

2

A

B

x8

x2
BED BASE ASSEMBLY

3

C x2
OPENING THE BED BASE FOR THE FIRST TIME
WITHOUT THE MATTRESS

6
To lift down the bed base, grab the leg in the middle.

Handle is optional

7
The bed will not stay down without the weight of the mattress!
PLACING THE MATTRESS

Open the bed to place the mattress and fix it with the straps

29-32kg/64-70lbs
INSTALLING THE HEADBOARD

9
Clean and dry the surface

10
Remove
PLACING THE MATTRESS

11

Apply pressure for at least 30sec

12

Wait 2 hours before making adjustments to the headboard

39
TESTING THE ROTATION OF THE BED & ADJUSTING THE WHEELS

Adjust roller so it moves freely through bed rotation
TESTING THE ROTATION OF THE BED & ADJUSTING THE WHEELS

Pre-set height. Adjust only if necessary.
OPTIONAL TILT UP TABLE
OPTIONAL TILT UP TABLE ASSEMBLY

A X 1

B X 1

C 4x20 X 16

D X 3
OPTIONAL TILT UP TABLE ASSEMBLY

1. Attach A + B as shown.

2. Attach C x10 and D x3 as shown.
OPTIONAL TILT UP TABLE ASSEMBLY

3
OPTIONAL TILT UP TABLE ASSEMBLY
OPTIONAL FREESTANDING TABLE
OPTIONAL FREESTANDING TABLE

A  X 1

B  X 1

C  4x20  X 14
OPTIONAL FREESTANDING TABLE
Optional Freestanding Table

Step 2: Left + Right

Step 3: Left + Right

Safety locking system
OPTIONAL FREESTANDING TABLE
OPTIONAL FREESTANDING TABLE

2

Safety locking system

Left + Right

3

Left + Right
OPTIONAL FREESTANDING TABLE

1. Diagram showing the freestanding table in its initial state.
2. Diagram showing the table being adjusted to a new position.
3. Diagram showing the extended table, possibly for a different use case.

Steps:
4. Adjusting mechanism in place.
5. Table beginning to move to a new position.
6. Extended table section.
7. Final positioning of the table.
Follow with care all points of the assembly procedure, as per technical sheets and their sequence showed in the following pages, and all the safety rules indicated.

It is compulsory to fasten the product to intact and strong walls, by not less than 4 fixing points, and place it on perfectly levelled floors.

A hardware kit for assembly is supplied, but it does not include plugs for anchoring product to wall, because, to guarantee safety, they must be provided by the installer according to the kind of wall where the product is fixed to, and that manufacturer unknowns.

Installer is responsible for workmanlike assembly and test of the product.

Installation must be fulfilled by professional and skilled workers; we suggest installer to previously inspect the status of the wall where the product will be fixed to.

An incorrect installation may cause incidents and injuries to the final user. Clei is not responsible for any possible alterations, tempering and changes on the transforming system by third parties. Clei refuses any kind of responsibility for improper use of this transforming system like incorrect handling, as well as for any kind of incompetence and negligence by installer and final user.

When the transforming system is combined in a composition with cabinets, wardrobes, storage units or bookcases, these elements must be anchored to wall by an independent fastening respect to the one of the transforming system.

In case of re-assembly of the product, it is not possible to use the same holes drilled for the original installation. As a result, it is compulsory to place the plates and the plugs selected and used by the installer in a different position.

CLEI REFUSES ANY KIND OF RESPONSIBILITY FOR ASSEMBLIES NON-COMPLIANT TO THE INSTRUCTIONS AND PROCEDURES DESCRIBED IN THE PRESENT ASSEMBLY MANUAL.
Attention to environmental issues and therefore our commitment to green design are our organization’s competitive advantages. We design and make our products choosing materials that have a low impact on the environment and bearing in mind methods for reducing consumption of materials and waste as well as energy savings. All the products in our collections, therefore, provide for use of CARB2 certified eco-panels, with laser welded edges that are thus without glue, and water-based paints that reduce emissions of harmful substances by 95% compared to solvent-based paints. Ecology and safety guide our choices. All our suppliers are also involved in this policy, with a view to extending the useful life of our products, reducing consumption and increasing environmental quality.

**CARB2**
Clei uses CARB2 certified panels with extremely low emissions of formaldehyde. The specific E-LE classification guarantees that the formaldehyde content is limited to the quantity naturally contained in wood.

**WATER-BASED PAINTS**
Clei uses only water-based paints that drastically cut emissions of VOCs (Volatile Organic Compounds) as compared to solvent-based paints. Additionally, water-based paints are odourless, non-flammable and have very low toxicity. Water-based paints conform to the safety standards of furnishing articles and to the directives concerning toys EN 71.3, in other words materials that may occasionally come into contact with children’s mouths.

**CARBON FOOTPRINT**
The “Carbon footprint” of a company is its ecological profile, that is the environmental impact that can be attributed to the products that it offers on the market. Environmental impact can be measured by assessing factors such as intelligent use of resources, how recyclable they are, and how long the finished products last. Moreover, there is another factor that is set to become increasingly more important, and that is the reduction of living spaces. While cities grow, apartments become smaller, and therefore both necessity and practical considerations make Clei transforming furniture ideal for making the most of small-sized housing structures. It’s a simple equation: smaller sizes mean lower consumption of materials, and therefore a lower impact on the environment.

**100% MADE IN CLEI**
It’s very easy to say “Made in Italy”. But we can go further, proudly stating that our products are totally made in Clei. This means absolute safety with regard to materials and the quality of processing. But also social strength and support with a guarantee of employment.