

Neonest Setup FAQ

Installation & components

This document answers the most common questions regarding installation and finishing of a Neonest bed system. It is intended for manufacturers, upholsterers, and professional installers. These guidelines are based on our practical experiences. Neonest is a new product, and some applications may require trial and adjustment. We are confident that additional, and possibly better, methods will emerge over time, and we welcome feedback based on your own experience.

1. Neonest frame

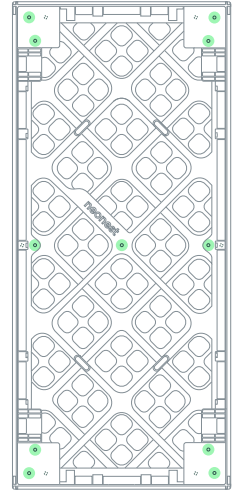
How many leg positions does the frame have?

The frame has **11 leg positions**:

- 2 on each corner (visible and hidden position)
- 3 along the middle

The frame will come standard with **6 pre-installed M8 inserts**, 1 on each corner and 2 on the sides in the middle. On positions where inserts are missing, they can be installed easily by screwing M8 inserts into the prepared holes.

Special or corner legs can also be screwed directly onto the flat corner surfaces.

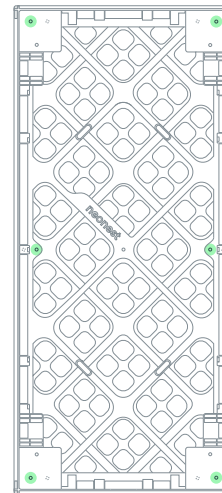


How many legs are recommended?

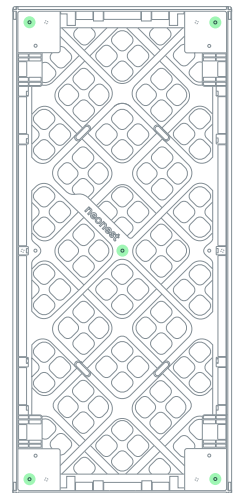
- **Recommended:** 6 legs (maximum stability)
- **Alternative:** 5 legs

If using 5 legs:

- We recommend using an **adjustable middle leg**
- Lower it until it just touches the floor
- No weight should rest on this leg during installation



6 legs



5 legs

What is the basic bed configuration?

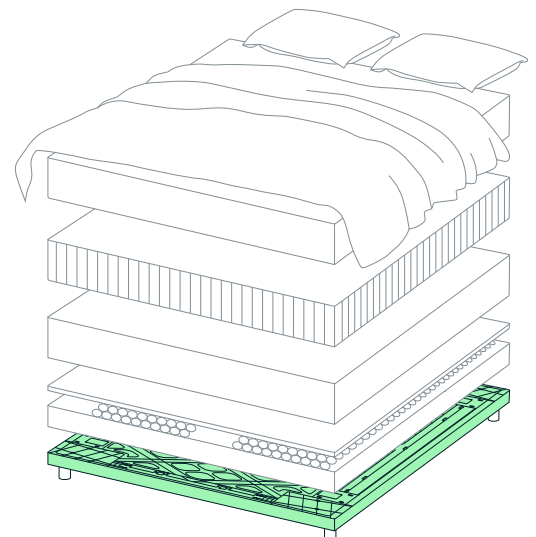
The Neonest frame is the base of the bed.

The **simplest setup** is:

- Frame + 5 or 6 legs + upholstered cover

For **higher comfort**, the frame can be built up with:

- Foam
- Springs
- Boxspring layers
- Others...



Neonest Setup FAQ

How to upholster the frame?

A groove runs along the bottom edge of the frame. This groove is used to fix upholstered covers with Neocord.

Installation steps:

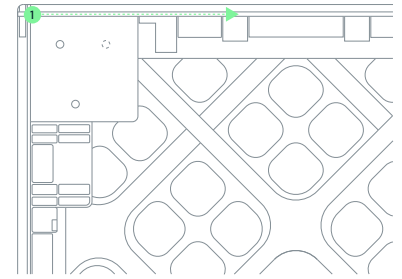
1. Start at the head end
2. Insert the Neocord into the groove
3. Make sure neocord does not cross into grooves on the side of the frame
4. Fold excess fabric under the cover and put away excess fabric into the cavity in the corner
5. Insert the neocord along the length, and use the cord to lock the corner in place
6. Repeat on the foot end, work evenly along the frame

For clean corners:

- Fold excess fabric inward
- Push it into the corner cavity
- Lock it in place with the Neocord along the length

Tip:

- Pre-press lightly by hand
- Finish with a soft, flat hammer or roller for easier insertion



Can I use staples instead of Neocord?

Yes. Covers can also be fixed with staples.

Recommendation:

- Use the thin strip along lower edge of the frame, next to the neocord groove.
- Staple evenly for a clean finish

Can I use a loose cover?

Yes. Two common options:

- Skirt cover (reaches the floor).
→ Adapt cover to be the same height as legs + frame
- Flat cover (same height as frame)

Loose covers are suitable for non-permanent or decorative applications. Often used in hospitality sector.

Are there other ways to upholster?

Yes. The frame is plastic so synthetic fabrics can be welded on with heat or ultrasonic vibrations. Other options include glue (messy, harder to separate), velcro, etc...

Neonest Setup FAQ

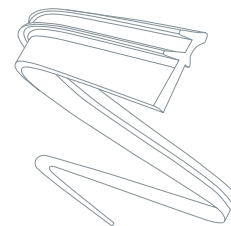
2. Neocord

What is Neocord?

Neocord is a plastic cord that is sewn into upholstery fabric covers and pressed into the frame groove.

It creates a clean, removable fixation system.

The system is recommended to be one-time use. It is not designed to remove and reinsert multiple times. Damage to the seams of the covers can occur when removing the cover from the groove too often.



How many Neocord pieces are needed?

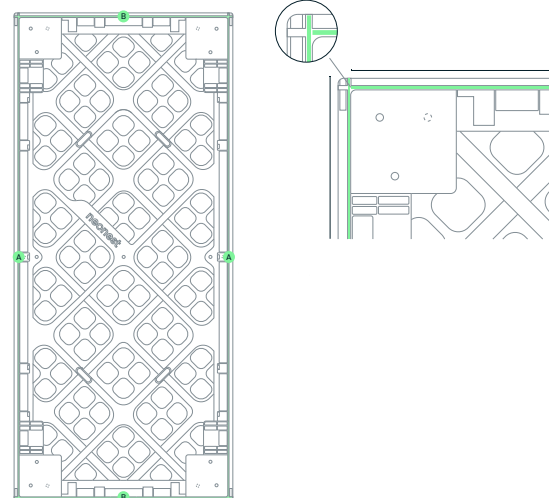
You will need roughly 6m for a 90*200 bedframe and 12m for a 180*200cm.

Four pieces are required:

- A — 2 along the length ($\pm 197\text{cm}$)
- B — 2 along the width ($\pm 84\text{cm}$)

Measurements:

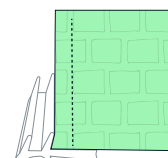
- Head and foot: groove to groove, not full length edge to edge
- Length sides: frame edge to edge, full length of groove



How do I sew fabric onto Neocord?

1. Place the wrong side of the fabric against the flat edge of the cord. Make sure the barbs face outward and the fabric reaches the lower barb.
2. Stitch the fabric securely to the flat edge.

This ensures secure locking in the groove.



Can I use one double-size cover over two connected frames?

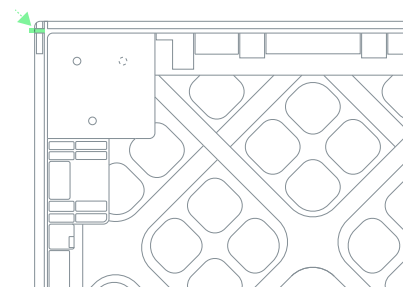
Yes. **Example:**

- Two 90×200 frames connected with Neoconnect → one 180×200 bed
- Use one 180×200 cover

How to run Neocord across both frames:

1. Locate the thin plastic strip at side of the frame on the neocord groove at the head/foot ends.
2. Carefully pierce this strip with a screwdriver
3. This opens the groove between both frames
4. Run the Neocord continuously across the two frames

This allows a clean, single-piece upholstery finish across the full width.

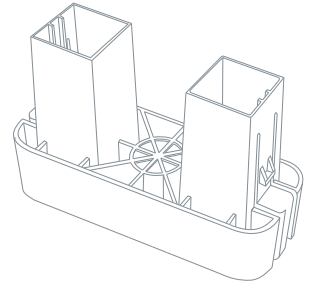


Neonest Setup FAQ

3. Neoconnect

What is Neoconnect?

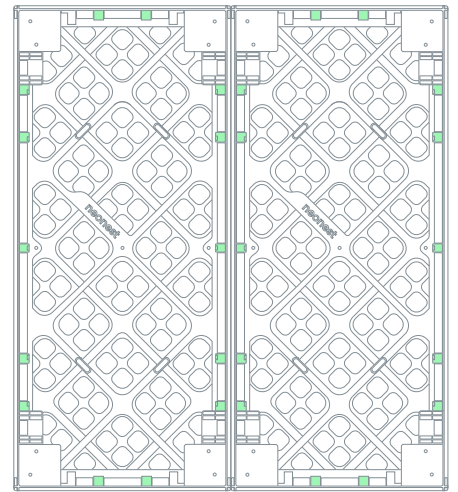
Neoconnect is a connector that joins two single frames into one double bed. It inserts into prepared slots on the bottom of the frame and clicks into place.



Where are the Neoconnect slots?

Each frame has 14 positions:

- 5 slots along the length side
- 2 slots at head and foot side



How many Neoconnects are recommended?

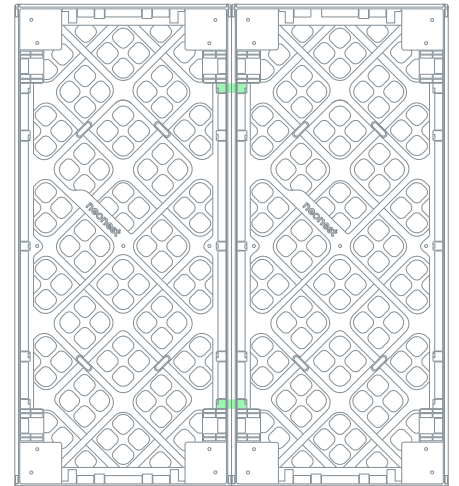
For double beds:

- Use 2 Neoconnects in combination with adjustable support legs.

Recommended position:

- First slot from head and foot end.

This provides maximum stability.



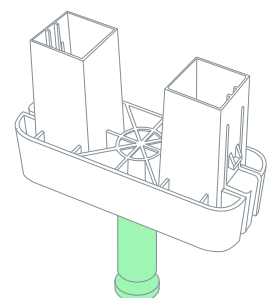
How do the adjustable legs work?

Each Neoconnect can be fitted with adjustable support legs.

Installation:

1. Push leg into central cavity until you hear or feel a click
2. Adjust height to match with legs of bed (1mm less than legs is ideal).
3. Lower until it lightly touches floor

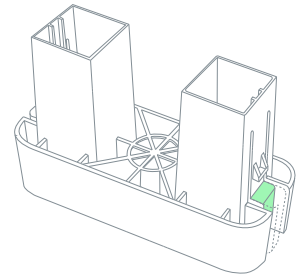
No weight should rest on this leg during installation



Neonest Setup FAQ

How do I remove Neoconnect?

1. Press the release tabs on both sides
2. Pull connector out evenly
3. Do not twist the connector to ensure smooth release



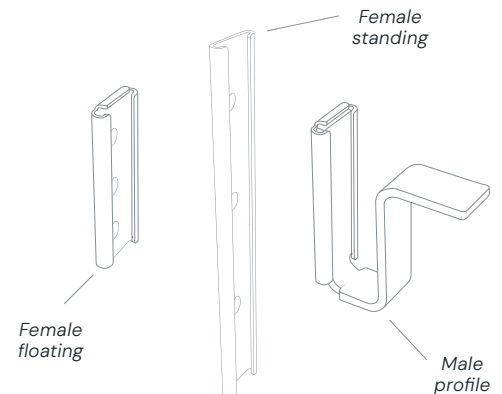
4. Neohold

What is Neohold?

Neohold allows the frame to be used as a headboard.

It consists of:

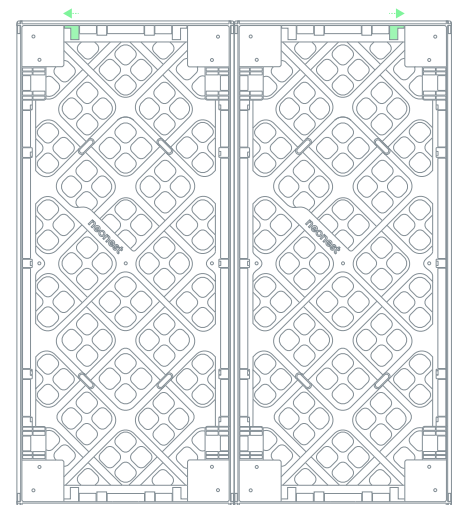
- Male profile (U-shape, clips into frame)
- Female hinge (mounts to headboard)



How do I install the Neohold profiles?

1. Locate the two positions at head or foot end to insert profile.
Pick the outside position.
2. Insert flat side into cavity and slide toward the outer edge.
3. Slide under the tab and push until locked.

Each frame needs one profile on the outer position to attach the neonest headboard.



Are headboard frames different from Neonest frames?

No. All Neonest frames share the same design. Only the dimensions differ.

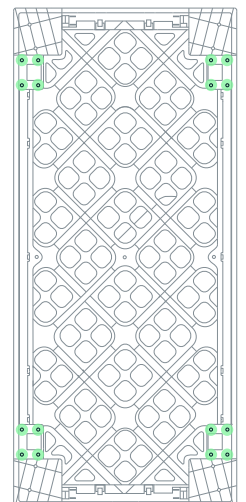
For headboard applications:

- Select the correct frame length (this defines the width of the headboard)
- Headboards are typically around 100 cm in height (this depends on your design)

All frames include **16 M6 mounting positions** (4 per corner).

Important:

- M6 inserts are **not pre-installed**
- Inserts must be screwed in before mounting headboard hinges



Neonest Setup FAQ

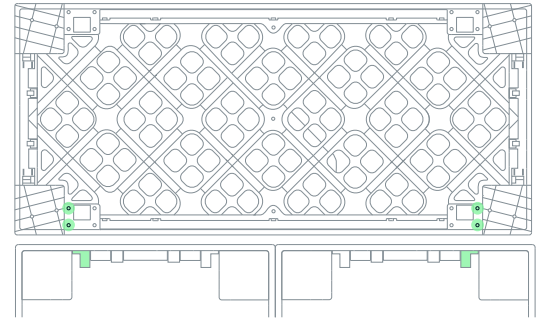
Where do I mount the headboard hinges?

Important:

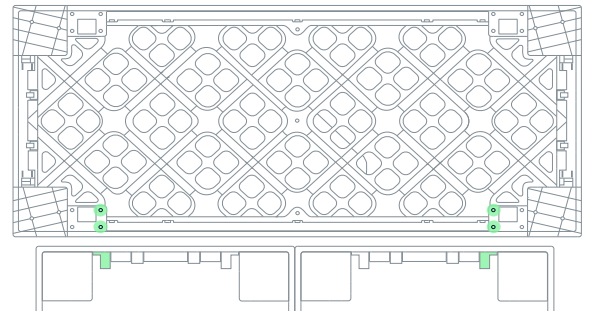
- M6 inserts are **not standard pre-installed!**
- Screw in M6 inserts first to attach the hinges with screws.

There are 4 holes:

- Use **outer holes** for **standard-width** headboards
- Use **inner holes** for **wider** headboards



Standard width



Wider headboards

What headboard sizes are supported?

Headboards are available in:

- Same as bed width
- Bed width + 20 cm (10 cm per side)

Example:

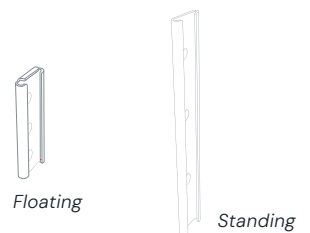
- 180 cm bed → 180 cm or 200 cm headboard

What types of hinges are available?

Two versions:

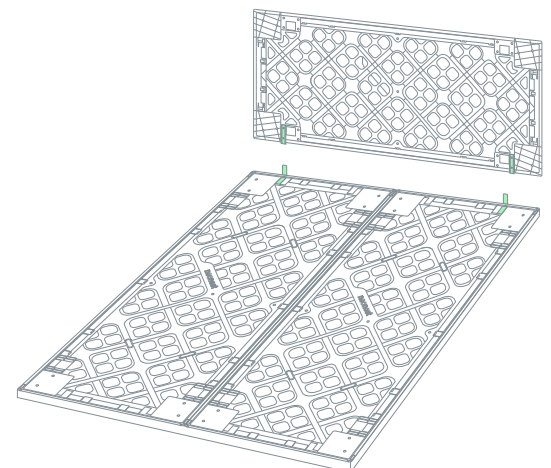
- Floating (short, with stop)
- Floor-standing (long, without stop)

Use floor-standing hinges if you want the headboard to rest on the floor.



How do I connect the headboard?

1. Screw the hinges to headboard (through the upholstery cover)
2. Click profiles into frame
3. Slide hinges evenly onto both profiles
4. Check alignment and stability



Need clarification?

If any instruction is unclear or does not align with your production process, please contact info@neonest.tech for support with installation and product development.