

Five Part adjustable bed mechanism



Components List

To summarize, the components listed below create what we believe is the highest quality five part adjustable bed mechanism available.

Framework - 25mm Thick plywood framework, which is 36% thicker and stronger than the industry standard. For more information please go to page 2.

Duo Motors - Two motors encased in one housing. Battery backup and a full 2 year replacement guarantee on what is arguably the best electric adjustable bed motor available. For more information please go to page 2.

Hand Control - Simple, Easy to operate and tidy.
For more information please go to page 2.

Slats - Sprung birch slats, produced to our high specifications.
For more information please go to page 3.

Slat Housings - Designed to be flexible and retain the slats in position.
For more information please go to page 3.

Metal drive components - To raise the head and foot ends.
For more information please go to page 3.

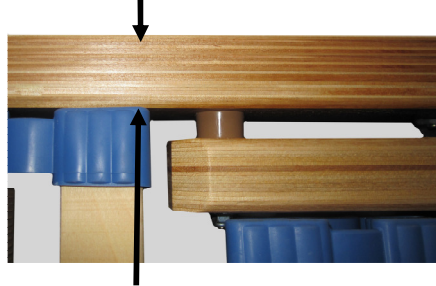
Mattress Retainers - To keep the mattress in position
For more information please go to page 3.



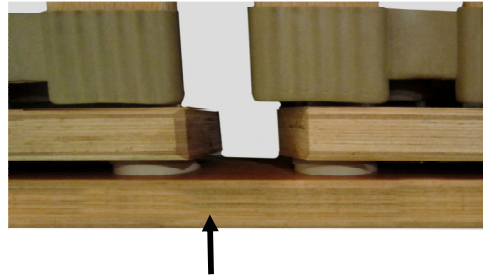
Features of the Mechanism

Framework –

25mm Thick plywood framework, which is 36% thicker and stronger than the industry standard. The advantages of this are, no customer complaints due to a flimsy mechanism creaking and squeaking. Edges chamfered or radiused and sealed.



Our Serena Framework 25mm



Standard Framework 18mm

Duo Motors – Made in Germany

POWERISE - PR D30:

With the electric dual drives from Stabilus, head and foot sections can be brought into position easily, gently, and safely.

Low-profile design, minimal weight and top performance:

Our dual drives are extremely low-profile. Their compact design takes up less space under the bed. They are very low-noise and light-weight, while packing peak performance. Two 45000 Newton motors encased in one housing.

Optimum comfort in any situation

All dual drives meet the EU eco-design requirements for the year 2014. The PR D30 has minimal power consumption in operation as well as in stand-by mode. The integrated power disconnect will lower power consumption while reducing electromagnetic fields in the bedroom. It will avoid unnecessary “stand-by” loads by shutting off the power when inactive. Savings for the user: approx. 67 kW/year.

Easy to install

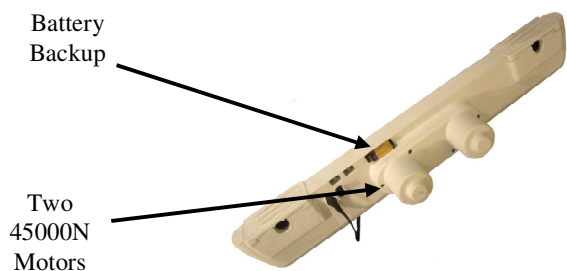
For the PR D30 who fits in all standard fittings no tools are required: Place the PR D30 on the fitting, turn the closer, done! Will not require additional mounting hardware.

The advantages at a glance:

- Low weight
- Easy installation
- Enormous power
- EU-conform power consumption in stand-by mode
- Very easy operation

www.backcarebeds.co.uk

Back Care Beds, 91 Elm Grove, Southsea, Portsmouth, Hampshire, PO5 1JF
Free phone – 0800 074 9866 Email – backcarebeds@btconnect.com



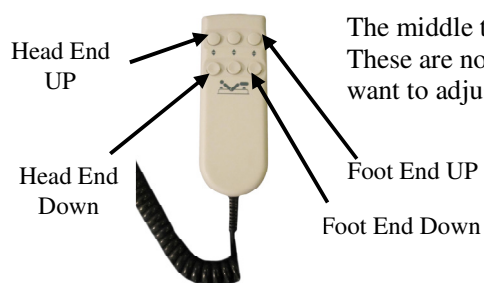
High Spec 45000N Motors
Standard motors are 35000Newtons



Continuous Motor Testing

Hand Control –

Simple, easy to operate and tidy. Generous flexible cable and retractable hook for handy storage.
The power supply to the motor is transformed down to 12 volts making the hand control completely safe.



The middle two buttons control both the head and foot ends at the same time. These are not used so often, because once you are used to the movement you will want to adjust the head and foot sections independently.

Slats –

Curved sprung birch slats, produced to our high specifications and tight tolerances. 8mm Pre-tensioned to increase support. We upgrade to 10mm slats on wider models. Adjustment can be made to suit individual requirements. This is done by the use of a second slat, engaged or disengaged by two plastic sliders in the mid section which, when the head end is raised becomes the seating area, and so more downward force is exerted.



Softer when slides are pushed together, firmer when pushed apart

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Slat Housings –

Designed to be flexible and retain the slats in position.

At a glance you will instantly acknowledge that this, as with all other component is in a different league to our competitors. A much thicker cross section of injection moulded plastic means slats are retained in position without the assistance of fabric tapes.



Our far more substantial 'Serena' slat housing, compared to the grey industry standard

Metal drive components -

To raise the head and foot ends. The last thing we want is to replace unsuitable or faulty components due to failure. So we use thicker, stronger steel and all welds are inspected before treatment and painting.



Steel Drive Shaft

Mattress Retainers –

To keep the mattress in position



Foot end Mattress retaining Bar. Made from steel to prevent the mattress sliding down the bed when the head end is raised.



Mattress side retaining bars. Prevents sideways movement of the mattress. Made from nylon so it is easy to tuck sheets under or around.

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