

SBLM Kit

Spring Balanced Lift Mechanism

A compact, heavy-duty lifting mechanism for wall beds.

Designed for smooth daily operation in residential and commercial installations, the SBLM lets you build a timber bed frame around a proven spring-balanced mechanism instead of buying a full metal frame system.



Key Features

<p>Flexible Mounting</p> <p>Suitable for both vertical and horizontal bed layouts.</p>	<p>Tested Durability</p> <p>Heavy-duty precision mechanism tested to 10,000 cycles.</p>
<p>Smooth balancing</p> <p>Spring-balanced action with adjustable tension for controlled opening and closing.</p>	<p>Broad Compatibility</p> <p>Suitable from small single (2ft 6in) up to super king (6ft).</p>
<p>System Integration</p> <p>Used in both the Beta Bed Kit & Alpha Wall Bed systems.</p>	<p>Load Range</p> <p>100kg recommended load, upgradeable to 125kg with Super Springs.</p>



Build the cabinet and frame in timber, then add the SBLM mechanism for controlled lifting and reliable everyday performance.

Why Choose the SBLM Kit? A cost-effective route to a bespoke wall bed, removing the need for a full metal frame while retaining proven lift performance and straightforward installation.

Installation

Clear fitting guidance for cabinet side mounting and final frame engagement.

1. Positioning

Mounting points and hole positions are shown in the Beta Bed Manual (page 11). Standard dimensions are based on the 13in (330mm) leg system.

2. Alternative Leg Heights

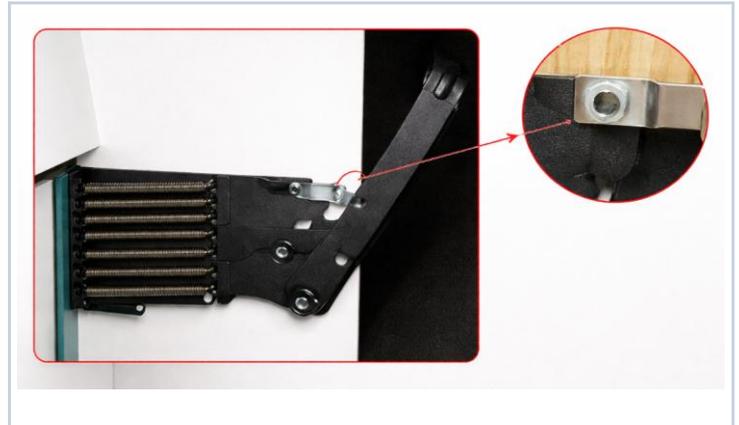
Not all installations use legs. Please check the mounting height against the height of the leg supports you plan to use.

3. Safe Locking During Assembly

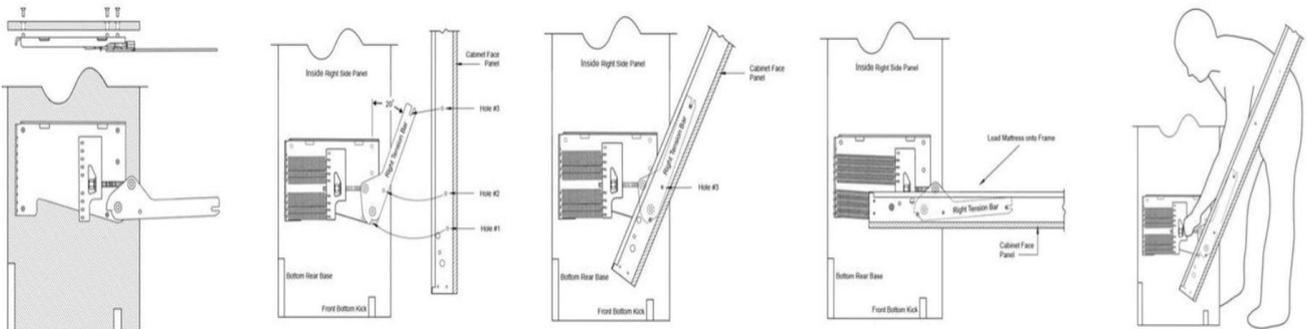
The locking device ensures the pivoting plated bracket engages securely in the T-nut while assembling the bed frame, holding the frame in the open position.

4. Final Release

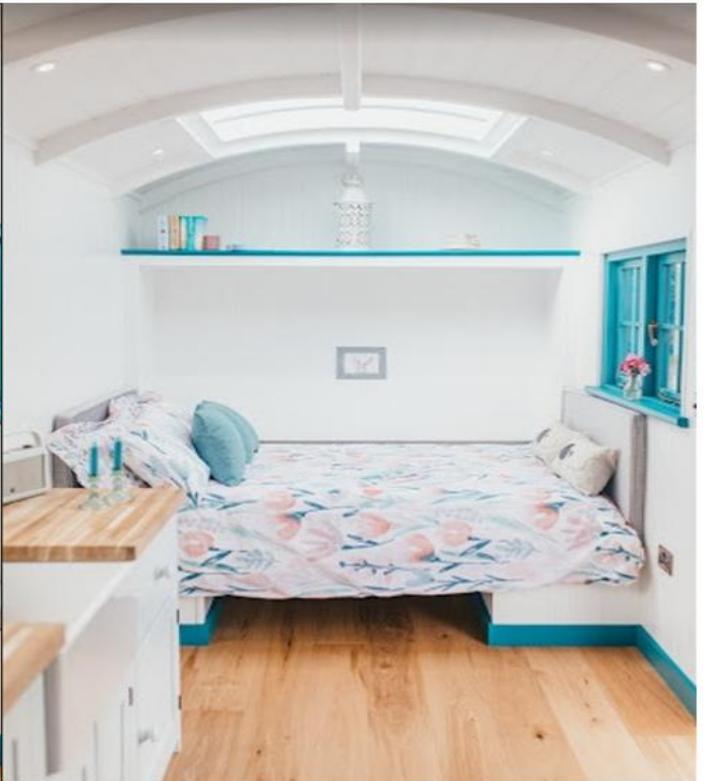
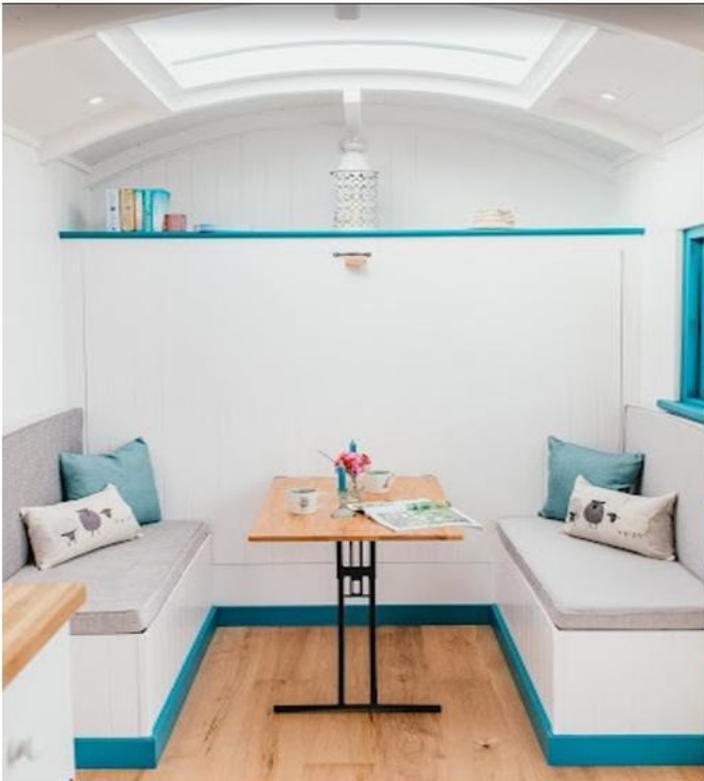
After the bed frame is bolted into place, pull the frame slightly open to release the lock and disengage the mechanism safely.



SBLM unit shown without cover plate and with 8 of the 9 springs fitted, illustrating the locking device in operation during installation.



Installed Example



Spring Balance Lift Mechanism



SBLM With Springs Covered