



WOODCRAFT®

Helping you make wood work®



Woodcraft Supply offers the custom cabinet and furniture maker a simple, trouble free solution for access to more space for their clients.

The bed maker may choose from one of Woodcraft's 5 sizes, each with a different weight capacity, of mechanism and the bed platform may be installed to open from an end or the side* of the bed.

Children must not operate this mechanism without adult supervision. Our platform storage mechanism may be installed on a 5" bed rail or in a box pedestal for maximum space and security.

*Side opening twin beds are limited to 36" long top rail models.

The Platform lift mechanism is intended for installation in an existing base or pedestal. A plan to build a pedestal can be found on page 2.

To Install the mechanism:

1. Cut a 5" hardwood lumber cleat to the same length as the 2 pedestal walls that will receive the mechanism. This length may be either the side walls or the head and foot walls providing that the wall is long enough for the chosen mechanism.
2. Place the mechanism on the 5" wide cleat with the top of the angle iron flush with the top of the cleat and not closer to either end of the cleat than 1/8".



4. Mark the position of the four mounting holes in the bottom bar of the mechanism on the cleat .
5. Remove the mechanism from the cleat and drill the four holes to fit the mounting screws included with your mechanism hardware.
6. Assemble the right and left mechanisms to the right and left cleat and tighten the mounting screws.
7. Position the cleat against the inside of the pedestal wall so that the top edge of the cleat and the side wall are flush. Glue and screw into place. No fasteners should be visible on the outside of the pedestal.
8. Place and center your platform on the pedestal. Carefully lift the top and mechanism arms and mark hole locations. Fasten top to mechanism and perform an open and close cycle to insure that there is no interference.
9. The platform will move laterally as it lifts, for easy access.

Build a Great Platform Bed Including Secure Storage with a surprisingly low cost lift mechanism

Item	Description	Length	Capacity
419560	SET GAS PISTON BED MECHANISM	48"	210#
419561	SET GAS PISTON BED MECHANISM	36"	88#
419562	SET GAS PISTON BED MECHANISM	36"	110#
419563	SET GAS PISTON BED MECHANISM	36"	165#
419564	SET GAS PISTON BED MECHANISM	60"	231#

Item selection guide, add the weight of your mattress selection to your platform weight or :
 77 pounds for a twin platform
 100 pounds for a double platform
 115 pounds for a queen size platform
 based on birch HWPW and yellow birch lumber weights

A Steel angle iron frame and the gas pistons of the mechanism add strength and provides easy access to your stored items

- **Mattress weights vary significantly based on size, style, type and model**
- Materials should equal or exceed 3/4" hardwood plywood and 4/4 hardwood lumber.
- Dado the bed rails to accept the platform base or bottom as shown.
- 4" X 4" pads fixed to the bottom corners are suggested to accommodate uneven floors.
- Add a cam lock with a hook type cam to secure your storage area when away.

Use a 6" to 10" thick standard innerspring or foam mattress, no box springs or foundation necessary.

