WARNING:
Read carefully and understand all INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.
Thank you very much for choosing a NORTHERN TOOL + EQUIPMENT CO., INC. Product! For future reference, please complete the owner's record below:

Model: _______________     Purchase Date: _______________

Save the receipt, warranty and these instructions. It is important that you read the entire manual to become familiar with this product before you begin using it.

This machine is designed for certain applications only. Northern Tool + Equipment cannot be responsible for issues arising from modification. We strongly recommend this machine is not modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the machine until you have first contacted Northern Tool + Equipment to determine if it can or should be performed on the product.

For technical questions please call 1-800-222-5381.

Parts List
1 Storage Pulley Hoist System
2 Flush Ceiling Mount Brackets
1 Rope Tie Down Cleat
1 Hardware Bag
4 M10*55mm Bolts
4 M10 Nylon Lock Nuts
4 M6*60mm Lag Screws
2 4mm*60mm Wood Screws

Recommended Tools
Electric Drill
1/8" Drill Bit
7/16" Drill Bit
Phillips Screwdriver
Tape Measure
Socket Set (metric)
Combination Wrench Set (metric)

Important Safety Information
Read and understand all safety precautions and instructions before use and/or installation.
· Storage Pulley Hoist System is designed for indoor use only
· Check all rope and hardware connections before each and every use (replace rope annually or at least periodically when showing signs of wear)
· Use only in areas clear of any potential hazards (never install or use in walkways or work areas. Don't walk or stand under a raised load.)
· Always secure raised load with a safety strap on both hook ends (not included)
· Not to be used for people or pets
· Weight must be evenly balanced and kept level when raising and lowering load
· Maximum distributed weight limit is 100 lbs. (50 lbs. per pulley hook set)

Mounting /Installation Instructions
1. Make sure the item to be stored is within the recommended capacity of the Storage Pulley Hoist System.
2. Determine the two lifting points (not more than 5 feet apart) on the item to be lifted. Make sure the two lifting points allow the hooks to fully cradle the area being lifted to avoid any slippage or sliding of the hooks. Also make sure the lifting points will keep the load balanced.
3. Select a secure mounting surface for securing the Storage Pulley Hoist System. See the section in the instructions for Joist (Exhibit A) or Flush Ceiling Mounts (Exhibit B).
4. The location selected for mounting should have adequate overhead clearance and wall space.

Lifting with the Storage Pulley Hoist System
1. Center the storage item under the Storage Pulley Hoist System.
2. Lower the lifting hooks by releasing the ropes evenly.
3. Attach the hooks to the item being stored so the load is evenly balanced. Make sure the hooks are properly secured so the hooks won’t slide or unhook.
4. Raise the load evenly a few inches off the floor. Double check to make sure load is balanced to prevent any weight from shifting.
5. Continue to raise the load to the desired height. Have some assistance to secure load with a safety strap on both hooked ends.
6. Release the rope and secure to the cleat already mounted on the wall.

Lowering with the Storage Pulley Hoist System
1. Remove the safety straps and untie the rope from the mounting cleat making sure locking mechanism is still engaged.
2. Stand clear of the load and grip both ropes firmly. Release the locking mechanism and slowly lower the load until it is resting on the floor.
3. Remove the hooks and raise them to have enough head clearance. Wrap the rope securely around the mounting cleat.

Direct Joist Mount
Exhibit A

1. Place one of the Storage Pulley Hoist System brackets over the ceiling joist or rafter from underneath. Slide the bracket up until it touches the recessed area. Mark the two 7/16” holes on the side of the bracket.
2. Drill the two 7/16” holes just marked.
3. Reposition the bracket over the holes and install the two M10*55mm bolts and lock nuts provided and tighten.
4. Position the other bracket and repeat the above steps. (Remember to keep the brackets distance at 5 feet or less)

Flush Ceiling Mount
Exhibit B

1. Determine the center of the joist or rafter and place the flush ceiling mount bracket holes on the center of the joist or rafter and mark the holes.
2. Drill two 1/8” pilot holes into the center of joist or rafter.
3. Using the two M6*60mm Lag screws, mount the bracket to the ceiling.
4. Position the other bracket and repeat the above steps. (Remember to keep the brackets distance at 5 feet or less.)
5. Using the four M10*55mm bolts and lock nuts, secure the ceiling brackets to the Storage Pulley Hoist System and tighten.

**Cleat Mount**
1. Determine a wall position that will allow the rope to be secured when the load is fully raised or in its storage position.
2. Mark the center of a stud and install the wall cleat vertically by using the two 4mm*60mm screws provided.
WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.