Power Lifting Tools Manual Book
(Series V204 W1X)

How to Use

Caution!

- Power Lifting tools is not for human lifting purposes
- Do not use when rain and around wet or greasy area to avoid electrical and fire danger.
- Do not use Power Lifting Tools under load which will be lifted to avoid injury caused by load falling.
- Use safety shoes, helmet, and gloves to avoid strangulated
- Make sure rope lock is working before load attached
- Make sure electric source is 220-230V with minimum current 6A

Preparation

- Always use safety equipment before use Power Lifting Tools (Safety shoes, helmet, gloves, back protector and safety glasses)
- Ensure all Power Lifting Tools accessories are attached correctly (Rope lock support, rope lock device, chain lock tube and chain lock wheels)
- Make sure all bolts firmly attached, complete and in a good condition.
- Make sure the area you want to place Power Lifting Tools is not wet, greasy or there is possibility being wet caused by water to avoid short circuit and electrocuted which will harm engineer.
- Make sure Power Lifting Tools is not connected to electricity while assembly.

Installation

Vertical Use

- Before install Power Lifting Tools on to support pole, make sure the pole safe from water, grease and etc to keep Power Lifting Tools tightly bound on pole
- Lift Power Lifting Tools with your partner, with rope lock device is in the upper end
- Chain lock installed by rotating and circling the support pole and linked to the hook on Power Lifting Tools main frame (2 chain lock must be installed, top and bottom)
- Tighten the chain lock using chain lock wheel on support pole and not loose
- Install rope lock device on to rope lock support, check the flexibility of rope lock device, open space of rope lock device is on your left side for cable in and out
- Connect Power Lifting Tools into power plug, try first before use
- Make sure the pulley tightly mounted on a support pole
- Make sure the rope tied on the load tightly
- Insert rope from load into pulley on top , then pull down and enter through rope lock device
- Convolve the rope on capstan drum (minimum 3 convolutions) before you pull the end of rope.
- To start pull the load, apply pressure to the foot switch with your foot, while pull the rope with ease, only to keep the convolution tidy
- Make sure the load does not hit the pole

- For heavier load and to ease the effort to pull the load, you can use some pulley installation alternatives as illustrated below

Illustration of Pulley system

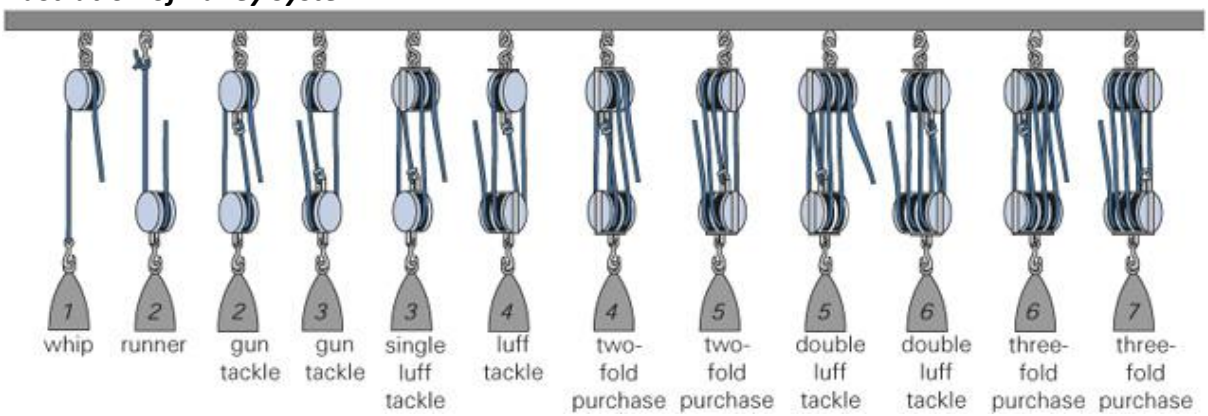
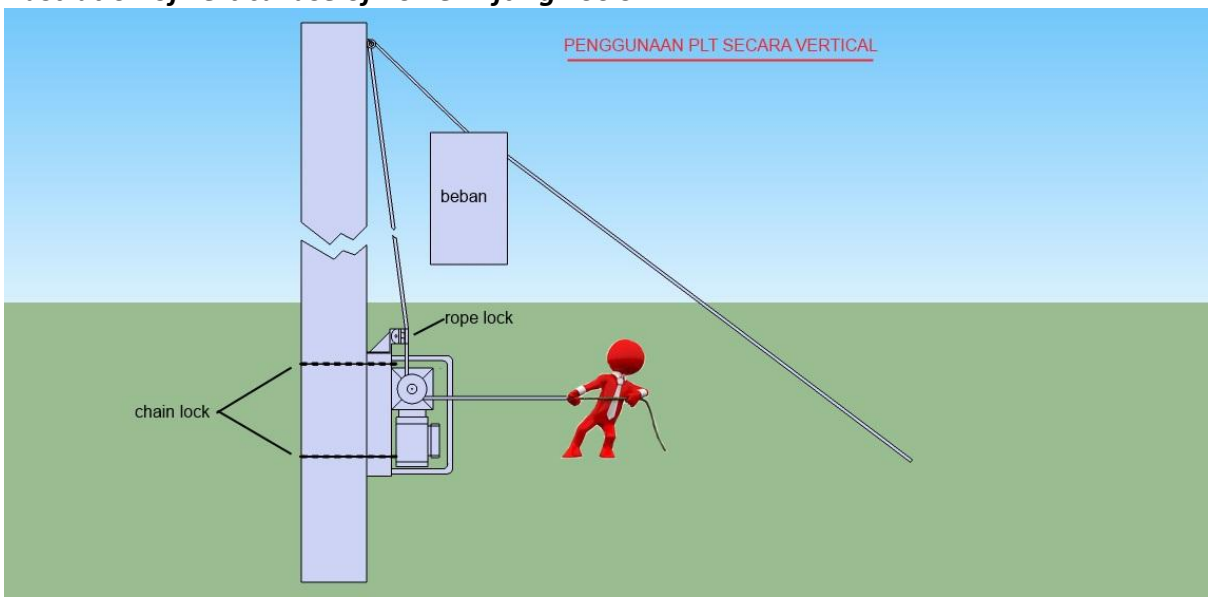


Illustration of vertical use of Power Lifting Tools

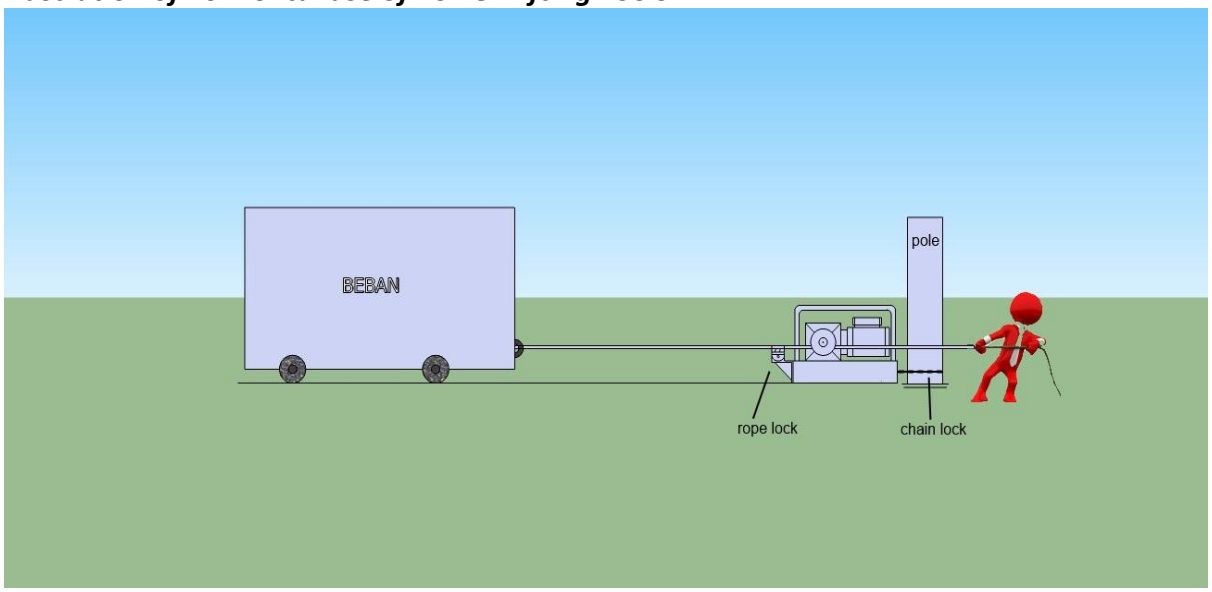


Horizontal Use

- Before install Power Lifting Tools on to support pole, make sure the pole safe from water, grease and etc to keep Power Lifting Tools tightly bound on pole
- For horizontal use does not need to install chain lock tube
- Place the Power Lifting Tools in the area near the load you want to pull, with the rope lock device is in front toward the load

- Chain lock installed by rotating and circling the support pole and linked to the ring hook on Power Lifting Tools main frame (minimum 1 chain lock must be installed)
- Install rope lock device on to rope lock support, check the flexibility of rope lock device, open space of rope lock device is on your left side for cable in and out
- Connect Power Lifting Tools into power plug, try first before use
- Make sure the rope tied on the load tightly
- Insert rope from load into rope lock device in parallel
- Convolve the rope on capstan drum (minimum 3 convolutions) before you pull the end of rope.
- To start pull the load, apply pressure to the foot switch with your foot, while pull the rope with ease, only to keep the convolution tidy
- Make sure the load to be pulled has little friction, remove the barriers in front of load
- For heavier load and to ease the effort to pull the load, you can use some pulley installation alternatives as illustrated above

Illustration of horizontal use of Power Lifting Tools



***For more information, do not hesitate to contact our marketing or support engineer**

Nadya Insani Karya