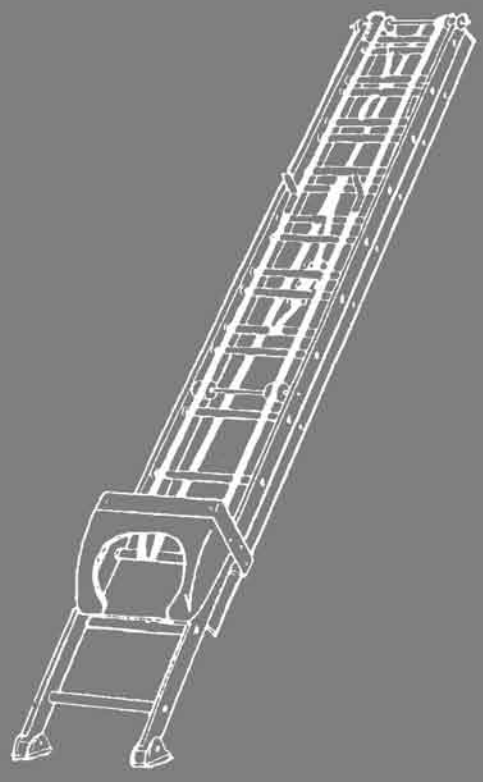
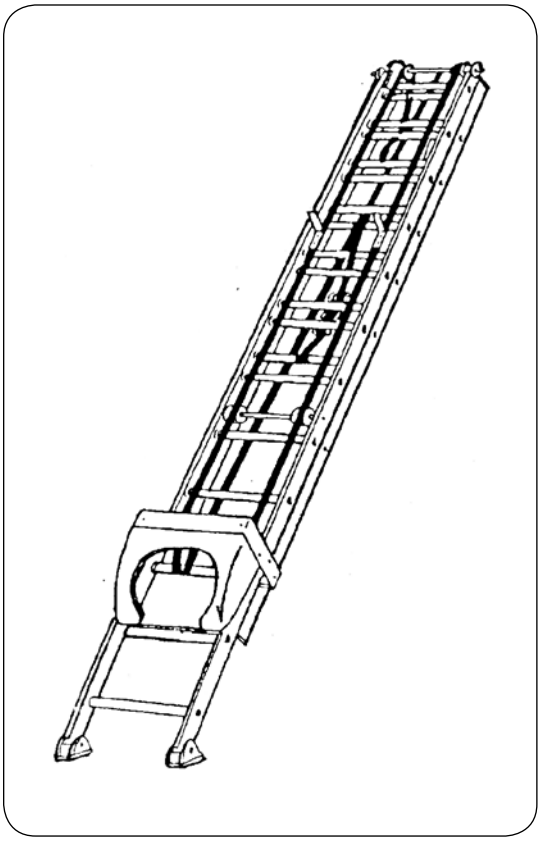
The Motor Ladder

Installation Instructions



B&W™ MANUFACTURING

Receiving



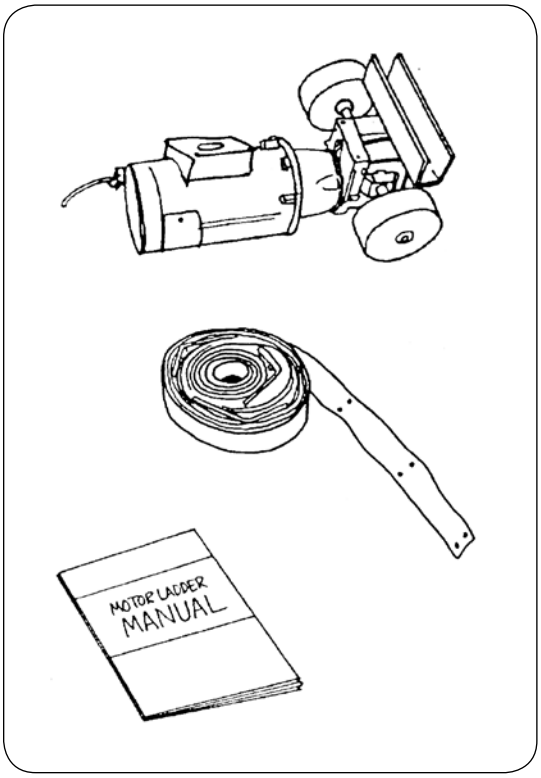
The Ladder is delivered by common carrier (truck line).

Check carefully on delivery that all items are received and that the ladder is free of any damage.

If it is damaged -

HAVE THE DRIVER MAKE OUT A REPORT AND CONTACT US IMMEDIATELY!

CALL 1-800-225-0057

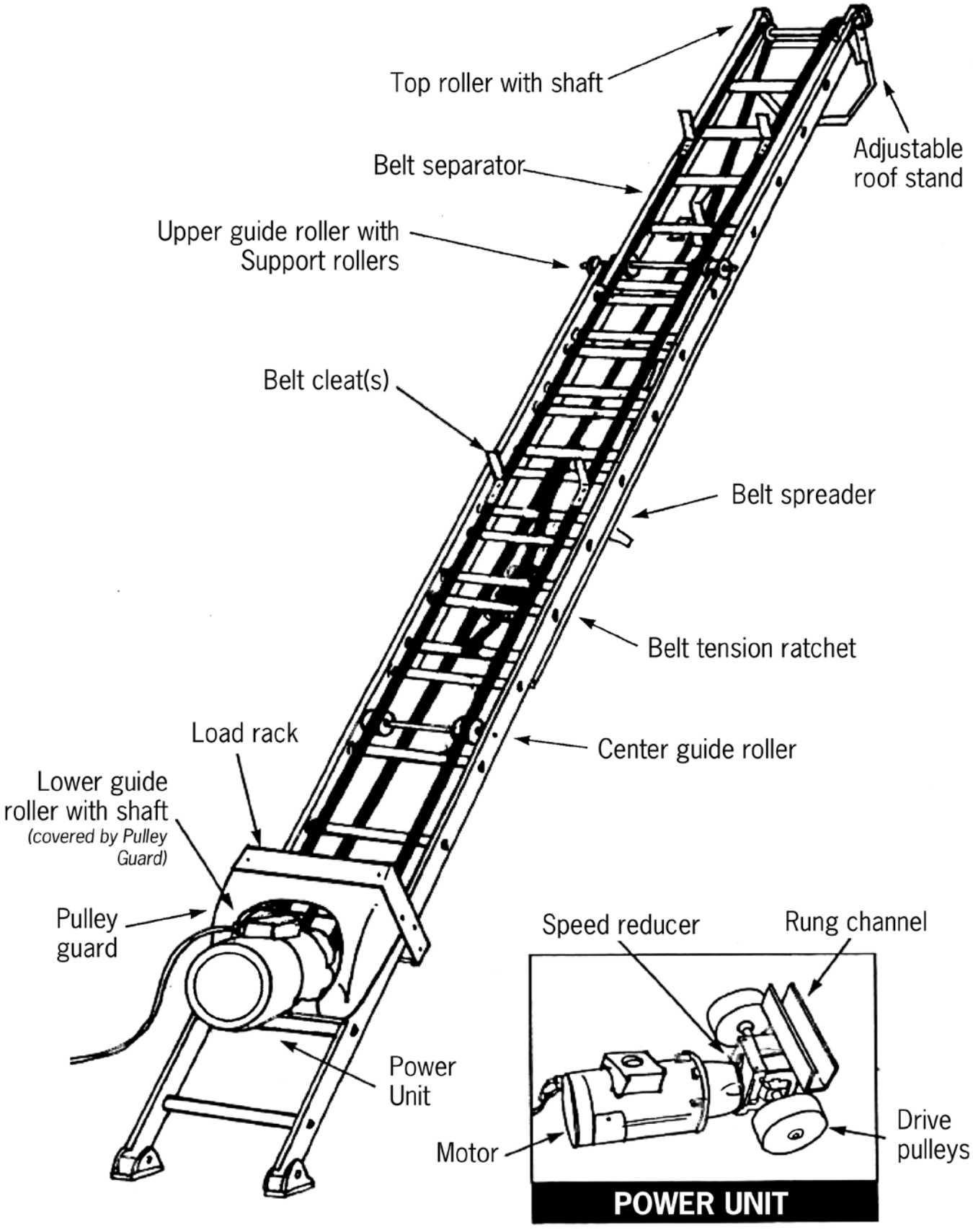


The Power Unit is shipped UPS.

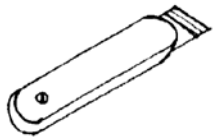
The package contains:

- The assembled Power Unit.
  (unless ordered with Extension pre-mounted)
- Splice-in drive belt for 21' extension.
- Manual/Instructions

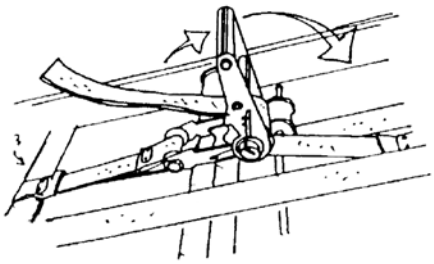
The Motor Ladder



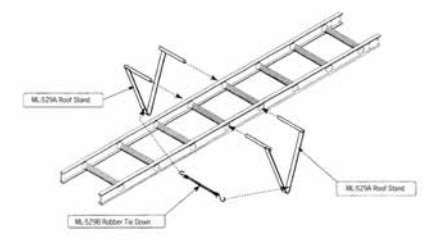
Unpacking



1 Cut open the wrap.
Be careful not to cut into the belts.

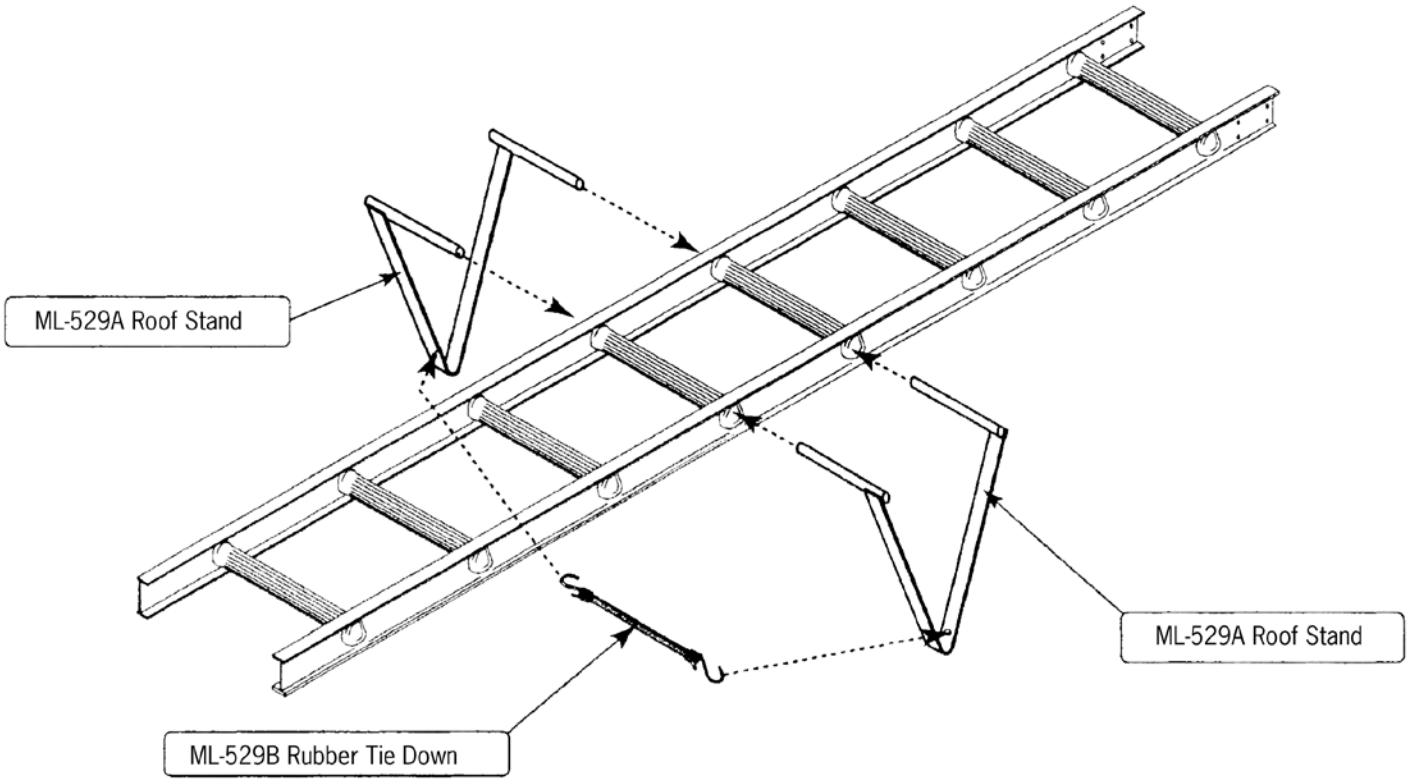


2 Relieve tension on the drive belt by unlocking the ratchet and open fully.



3 See drawing on page 4 to install roof stands on the ladder before operating

ROOF STAND for MOTOR LADDER



Insert Roof Stand(s) into appropriate ladder rung holes for maximum roof/gutter clearance.

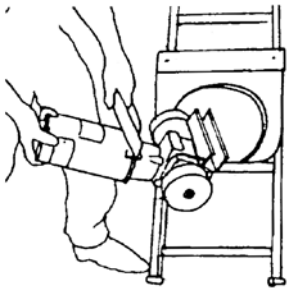
Hook Rubber Tie Down ends to 1/4" holes in Roof Stands.

PHONE 1-800-225-0057 FOR PARTS

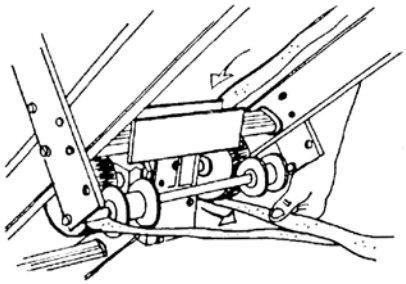
B&W MANUFACTURING

Ladder Set-up

1 Raise ladder toward a low roof or wall.

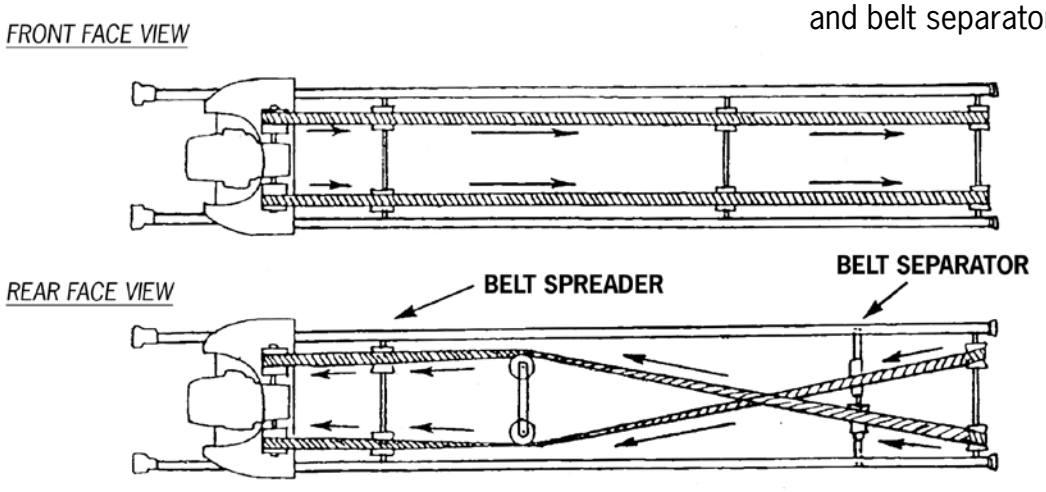


2 Insert Power Unit on the third rung between the 2 guides. The Power Unit will wedge between the 2 rungs by its own weight

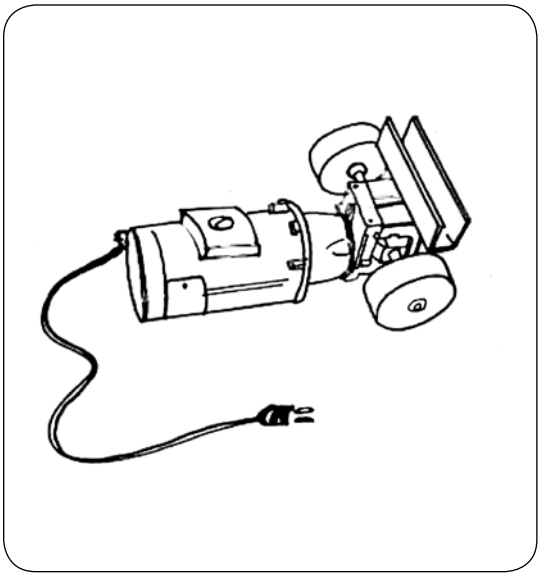


3 Place the Drive Belt over Drive Pulleys. Be sure Drive Belt is placed correctly over all Guide Rollers. Close Tension Ratchet and apply full tension on the Drive Belt

4 Check again that belts are correctly placed on guide rollers, belt spreader and belt separator.



Power



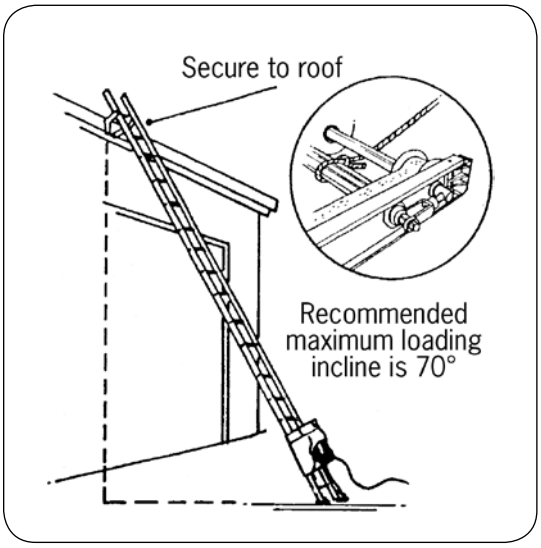
AC 110 Volt Motor -

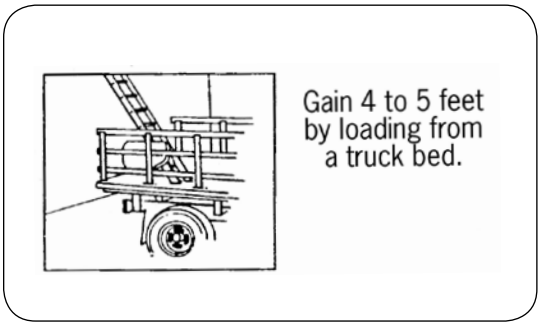
This 3/4 hp motor draws only 13 amps fully loaded. Use heavy duty 10-12 gauge cord and plug in to any available 110 volt outlet.

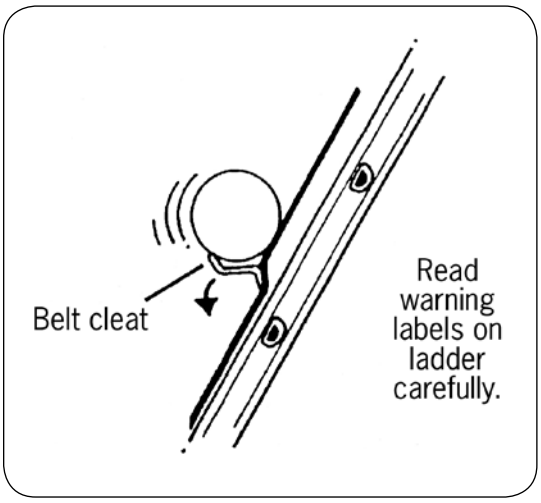
Or...

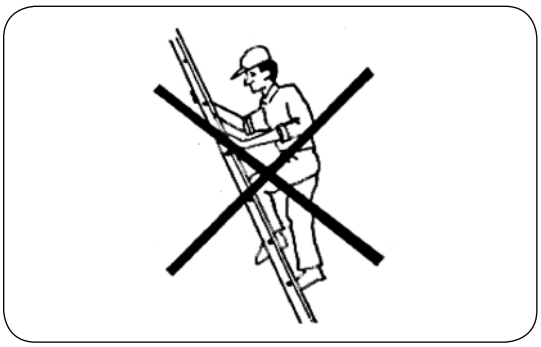
Use a small 5000 watt portable generator.

Caution







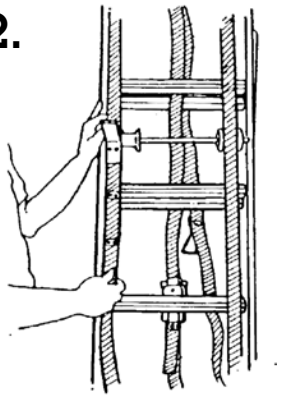


DO NOT TRY TO OVERLOAD THE MOTOR LADDER.
It was designed for moving materials such as composite shingles, plywood, insulation, etc. that can ride safely on the cleats provided. Do not attempt to move heavy rolls or material that could bend the cleats downward causing material to fall off and cause injury or damage below. See maximum loading capacity on the ladder's side.

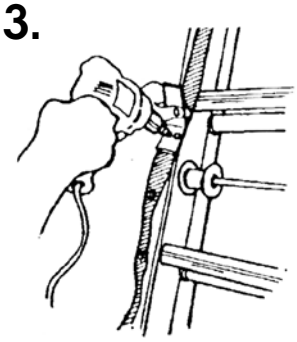
Before starting, check:

1. The Ladder is safely secured to the roof. Tie off the top rung to the roof before operating.
2. Drive Belts are freely placed over guide rollers and pulleys.
3. Start and stop momentarily to make sure that the cleats are clearing the roof or gutters.
4. Be sure you and the ladder are clear of any power lines or other electrical wiring.
5. Do not climb ladder. Due to its alterations it is not safe to climb on.
6. Do not load materials with the ladder at too steep an angle. A recommended loading maximum incline is 70º.

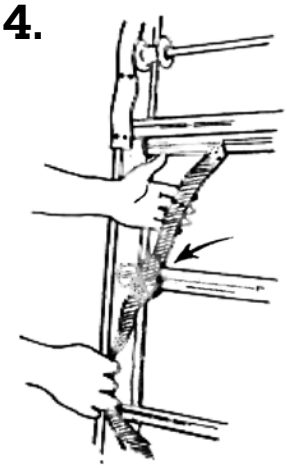
2.



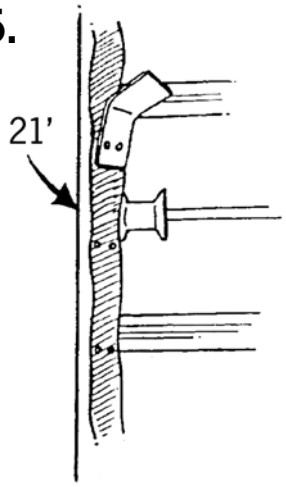
3.



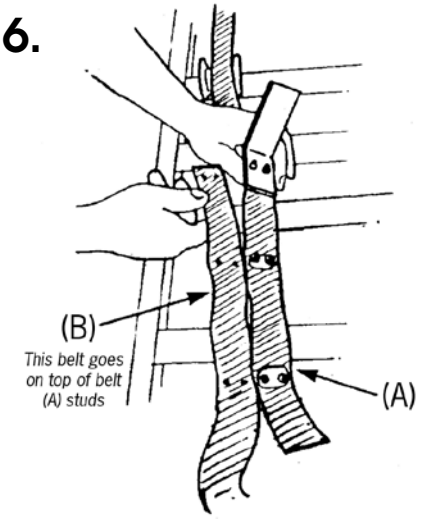
4.



5.



6.



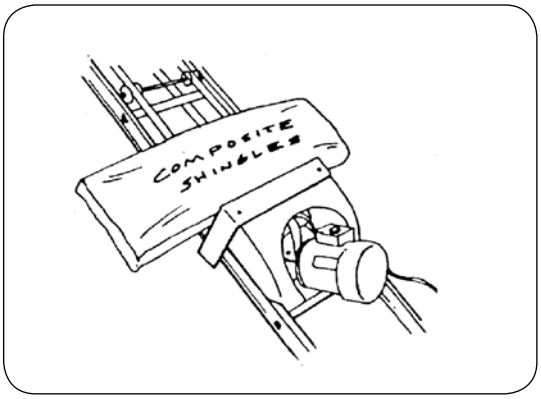
21' Splice-in Drive Belt Installation

1. Remove the Power Unit
2. Manually feed the drive belt forward until link is conveniently positioned in front of you.
3. Remove belt cleat and stud plates. Use 3/8" socket.
4. Tie the lower belt to the rung.
5. Attach the splice-in belt end marked (21'). Replace cleat and stud plates.
6. Feed drive belt forward until the other end of the splice-in belt comes up. (A)
   Release the cleat and the stud plates and attach the belt that was tied to the rung. (B)
7. Extend ladder.
8. Insert the upper ratchet belt into the ratchet and apply full tension to drive belt

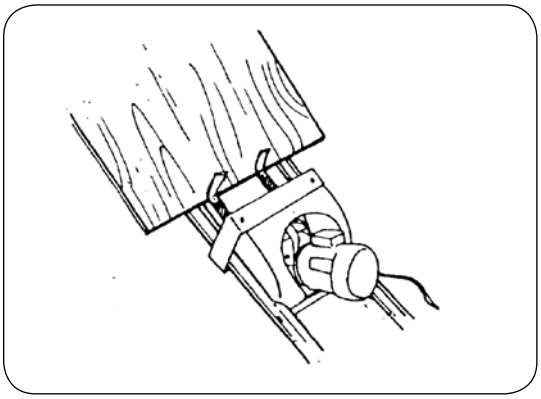
Loading Tips

Be Careful - Misloading can cause injury.

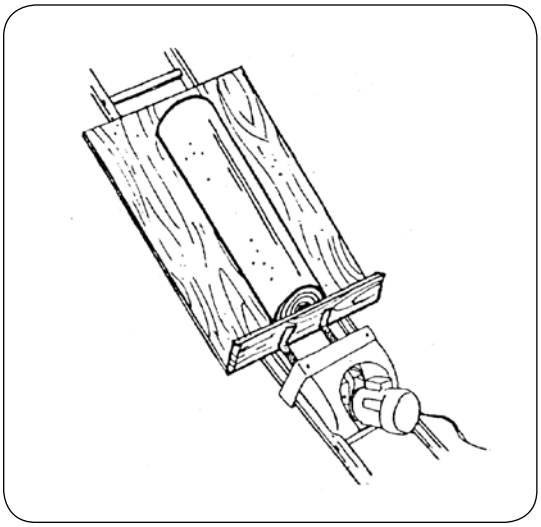
Stand beside or behind the Motor ladder when loading material.



Always center the load across side rails of ladder with the belt cleats firmly supporting the load.



When loading plywood load the sheets lengthwise as shown on left. To prevent plywood from pressing down the cleats above *(the next set of cleats up from the set that are supporting the plywood)* simply unbolt them from the belts.



When loading tarps or heavy rolls cut a 1/4" piece of plywood 3 feet wide and longer than the rolled tarp. Mount a 2" x 4" stop in the lower end of the plywood to prevent tarp from sliding down.

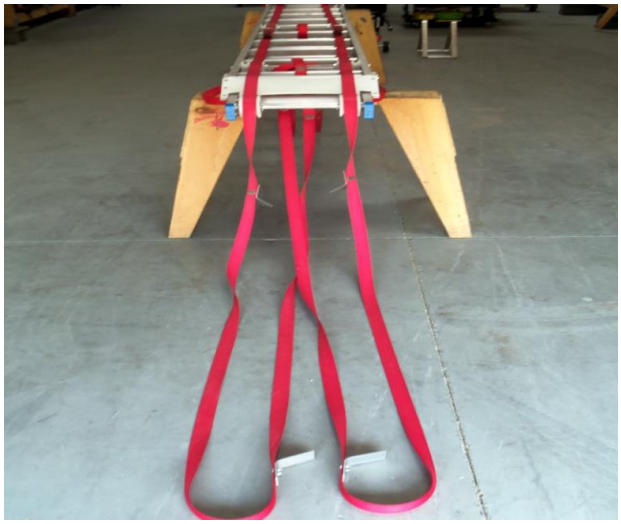
LIFTEQUIPMENT MOTOR LADDER
SETUP AND ADJUSTMENT INSTRUCTIONS.

1) Carefully remove the Motor Ladder from its' natural wood crate, saving as much of the crate material as possible.

2) Place the Conveyor on two sawhorses that have been positioned at either end of the unit. The crossover rollers (positioned in the middle of the ladder) should be facing down.

3) Next remove the plastic tape restraints that hold the drive belt in place.

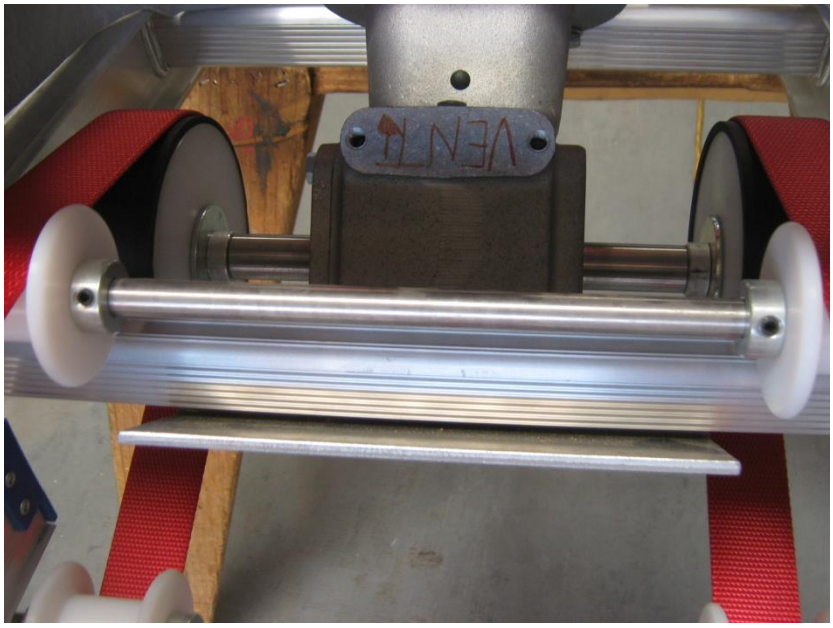
4) Now extend the drive belt so that it reaches both ends of the ladder.



5) Extend the ladder to its' maximum length by pulling the lower ladder frame while holding the upper frame in place. Adjust the sawhorses as needed to keep the unit balanced.

6) Install the Power Unit (Motor and Gearbox) at the lower end of the Motor Ladder by sliding the Power Unit through the protective cover frame and position it in line with the two mounting studs on the third rung of the Ladder….. as shown in this photo.

7) Next slip the Red Drive Belts over the drive wheels on each side of the Power Unit as shown in the Photo.



8) Move to the delivery end of the Conveyor and position the drive belt loops on the two large top rollers. As shown in the photo.

9) Locate the two Gutter Stand Units that came with the Motor Ladder. Insert these items, one on each side of the ladder, as shown in the photo. Insert them in rungs 3 and 4, counting from the delivery end of the Motor Ladder.

9) Locate the Ratchet Adjustment and the Adjustment Strap on the underside of the ladder. Route the adjustment strap through the Ratchet Adjustment and begin the tightening procedure. Make sure the drive belts are positioned properly on the crossover rollers as you continue the tightening procedure. Continue tightening until the belts are as tight as you can make them…….and then give the device another tug just to be sure.

10) Connect a 110 volt power source to the plug-in provided at the base of the Power Unit and move the control handle to the forward position to begin service.