



Safety Hoist Company
P.O. Box 531
Lafayette Hill, PA 19444
610-941-4333
Fax 610-941-4336

Operating & Instruction Manual CH-200 Platform Material Hoist

IMPORTANT
Retain This Manual
For instructions on assembly and operation of hoist

Read this manual carefully before attempting to assemble or operate the hoist.
Failure to comply with instructions may cause the hoist to malfunction and may result in person injury

Ch-200

6/25/07

Safety Hoist Company - Limited Warranty

Replaces all dated or undated limited warranties dated before June 25, 2007

Safety Hoist Company will at its option, repair or replace any part or parts of the Safety Hoist material hoist that are defective in material or workmanship with the exclusion of the motor/engine which maintain a separate warranty provided by the manufacturer of the motor/engine. The terms of the warranty of the motor/engine are provided in the separate instruction manual for that component.

The limited warranty on all parts except the motor/engine is in effect for 1 year from the date of purchase.

Safety Hoist Company reserves the right to inspect the equipment for misuse, abuse or failure to maintain the equipment properly.

Safety Hoist Company will make reasonable efforts to repair or replace defective equipment in a timely manner, but assumes no liability or expenses incurred for the time lost as a result of the repair or replacement.

The defective unit or parts should be returned to the dealer where the unit was purchased or contact Safety Hoist Company at 877-994-6478.

There is no other express warranty implied. Warranties including those of merchantability and fitness for a particular purpose are limited to one year from purchase or to the extent permitted by law. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you. This is the exclusive remedy and liability for incidental and consequential damages under any and all warranties are excluded to the extent permitted by law. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Safety Hoist Company shall be relieved of its performance of its duties under this warranty if any damage has been caused to the product as a result of misuse, abuse, failure to maintain the equipment or Act of God.



Safety Instructions

The safety instructions and warnings in this section and throughout this manual must be read carefully before assembling or operating the hoist. These safety instructions and warnings are not substitutes for routine accident prevention measures which must also be implemented to eliminate potential risks and hazards. Failure to obey these safety warnings may result in injury to you or others, or damage to the hoist or other property.

Transporting- To avoid damage, handle Hoist component parts with care when transporting.

Unpacking your CH-200 hoist- When unpacking, carefully inspect for any damage that may have occurred during transit. **DO NOT ASSEMBLE OR USE THE HOIST IF ANY PART OR PARTS ARE DAMAGED!!** Return the damaged part or parts to place of purchase for replacement.

Safety Labels- Observe all labels and instructions attached to the various parts of the Hoist.

Proper Parts- For your safety, use only attachments and accessories approved by the manufacturer for use with the Hoist.

Safety Check- Check assembled parts (splice plates, bolts, engine mounting, belts, pulleys, hoist cable, etc.) for proper tightness and fit before using the Hoist, and at frequent intervals during periods of use, to be certain the equipment is in safe working condition.

Bracing Your Hoist-Never place or operate the Hoist on a slippery surface and make certain it is properly secured at the base to prevent slippage or unexpected movement. Make sure the Hoist is braced against a building or solid abutment at the correct angle prescribed herein.

Housekeeping-Clear the area around the base of the Hoist to avoid slipping, tripping, or falling against the Hoist.

Fueling-Handle fuel with care. It is extremely flammable and highly explosive under certain conditions.

- a. Never smoke or allow open flames or sparks to be present in the area when the fuel tank is being filled.
- b. Use an approved fuel container.
- c. Never add fuel to a hot or running engine.
- d. Replace fuel caps securely on the supply container and engine tank and wipe fuel spilled before starting engine.

HAZARDS- DO NOT PLACE OR USE THIS METAL HOIST IN AN AREA WHERE IT COULD COME IN CONTRACT WITH ELECTRICAL WIRING CIRCUITS, OR ANY OTHER HAZARDOUS OBSTRUCTION

SAFE OPERATION-

- 1 Proper Instructions-DO NOT ALLOW ANYONE TO OPERATE THE HOIST WHO HAS NOT BEEN PROPERLY AND THOROUGHLY TRAINED IN ITS OPERATION AND USE.
- 2 Enclosed Areas- Do not operate the engine indoors. Exhaust fumes can be hazardous in enclosed areas.
- 3 WARNING-USE THE HOIST FOR LIFTING MATERIALS ONLY. THE HOIST SHOULD NEVER BE USED TO TRANSPORT A PERSON FROM ONE ELEVATION TO ANOTHER.
- 4 Maximum Capacity-THE MAXIMUM CAPACITY OF THE HOIST IS 200 POUNDS. Do not overload
- 5 WARNING-KEEP HANDS, FEET, OTHER BODY PARTS, AND CLOTHING WAY FROM TRACK, AND MOVING OR ROTATING PARTS OF THE HOIST WHEN STARTING THE ENGINE OR OPERATING THE HOIST.
- 6 CAUTION-Do not allow anyone to walk or work Under the Hoist while it is in operation.
- 7 Molten Substances-Do not use the Hoist to lift Buckets of hot asphalt or any other hot, molten substance.
- 8 Supervision-Stop the engine whenever you leave the vicinity of the Hoist

DISASSEMBLY AND STORAGE-

- 1 After stopping the engine, wait for all moving parts to stop, and for the engine to cool before disassembling.
2. Disconnect the spark plug wire from the plug.
3. Storage of the Engine-Never store the engine in any enclosure before cooling.
- 4 Storage of Power Unit-Do not store the power unit with fuel in its tank in any enclosure where flames or sparks may be present.
- 5 Storage of Component Parts-Store the Power pack upright and hang the track parts from a side wall to prevent damage.

Specifications-

- ** 4.0 hp. Gasoline Engine (Briggs & Stratton) or 4.0 hp (Honda)
- ** 200lb. Maximum Hoisting Capacity
- ** 100 ft. 1/8 "Galvanized Steel Cable
- ** 100 % Ball Bearing Winch
- ** Steel Carriage w/ Solid Steel Rollers
- ** 26 1/2 ft. total length (3-8ft. alum. Track & 2 1/2 ft. steel base

How to assemble your hoist properly

Unpack all parts of the hoist and lay them out flat on the ground.

3-8ft. track sections
4-splice plates w/ 3/8 carriage bolts and lock nuts
1-peak assembly w/ 3/8 carriage bolts and lock nuts
1-flap
1-carriage w/ 1/2 bolt, washers and lock nut
1-steel base section with winch, brake and belt
1-brake release handle with hitch pin
1-power pack (engine on base)

Note that the engine is shipped without gas or oil.

Oil needs to be added in the crank case and the gear reduction unit, please refer to the instruction manual for the engine for oil type and quantity.

Stand the base section on its side.

Slide an 8-ft. track section onto the base section and secure it with the 3/8 carriage bolts and lock nuts. Continue adding either one or two more sections to reach the desired length of the hoist. The sections are attached using the splice plates and 3/8 carriage bolts and lock nuts. The splice plates must be installed on the outside of the track sections.

The square holes in the base section for the carriage bolts are off center as are the holes on the track and the splice plates.

Bolt track and splice plates together with the carriage bolts by running the lock nut up against the splice plate.

** the rungs must be offset facing towards the front of the hoist (the spring is on the back of the hoist).

Lay the hoist down on the ground with the brake spring resting on the ground.

Slide the carriage onto the track section with the flat surface of the carriage facing away from the base section. Using the 3/8 bolts, attach the flap to the carriage.

Slide the carriage along the track so that the bumpers rest on the base section.

Slide the peak assembly onto the end of the track and secure it with the 3/8 carriage bolts and lock nuts.

** the back of the peak is the side with the square nut.

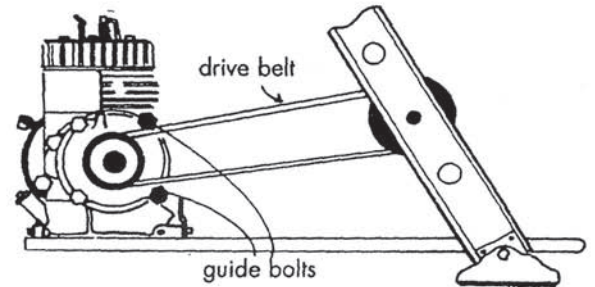
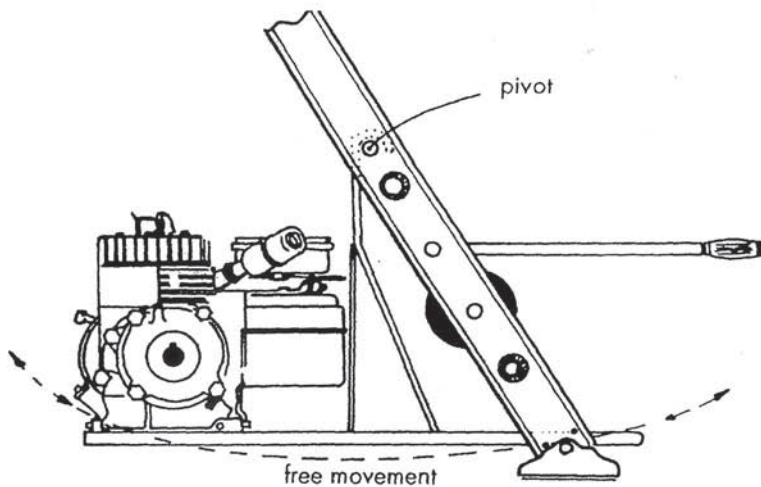
Slide the brake release handle over the brake bar and secure it with the hitch pin.

Turn the hoist up on its side.

Push forward on the brake handle to release the brake. (Note you will only need to have it rotate 10-15 degrees to release the brake)

While the brake is released, pull out cable from the winch drum. Draw out enough cable to run up the back side of the track, thru the peak and back down to the carriage.

Attach the thimble on the cable to the back of the carriage using the 1/2 bolt, nut and washers. Surround the thimble with the washers and pass the bolt thru the washers, thimble and then thru the carriage. Tighten the 1/2 bolt so it passes thru the nut, but not so tight as to stop the thimble from rotating on the bolt.



Mount the motor base onto the back of the base section.

Attach the v-belt by pushing it between the guide bolts on the engine and then looping it over the pulley on the motor.

How to operate your hoist.

The operator of this hoist must wear all of the necessary protective gear which should include foot, hand, eye and head protection.

Keep hands away from all moving parts.

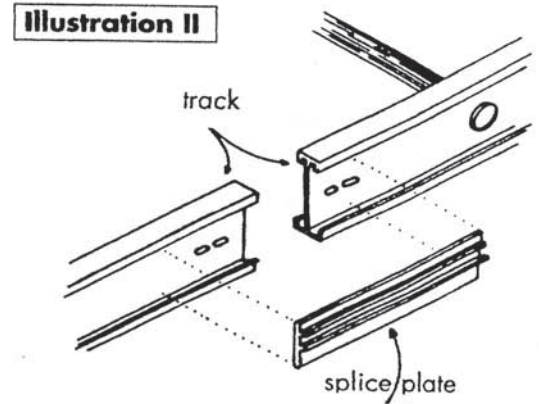
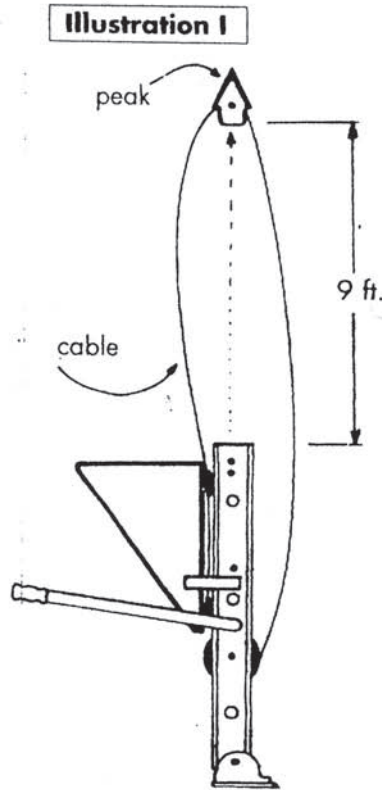
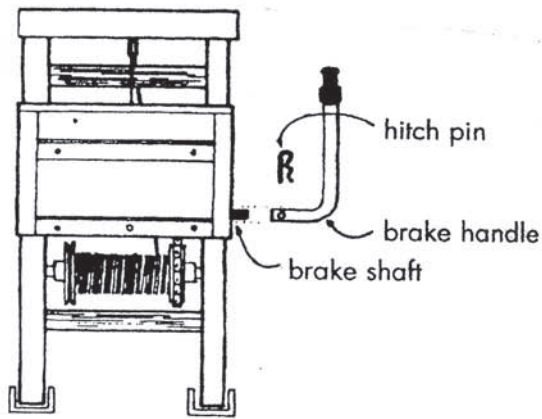
Start and run the engine per the instruction manual of the engine.

Note: the engines are not shipped with gas or oil. Oil must be added to the crank case and the gear reduction unit.

To raise the carriage, face the hoist, place one foot on the motor base and press down. You will feel the motor base swing back until the drive belt tightens. Continue to apply pressure until the hoist travels to the top of the track, then immediately release the pressure on the motor base. The brake will hold the load in place.

Prior to loading the hoist with material, operate the hoist empty and inspect that it is operating properly. Check that the cable is winding neatly and is free of defects, fraying etc.

To lower the carriage, stand to the side that the brake release handle is attached. Push forward on the handle to release the brake. Allow the carriage to lower at a controlled rate, decelerating as the carriage reaches the base section. Do not allow the carriage to stop suddenly or cause impact on the base section.



You are now ready to lift the hoist into place.

Warning: When setting up your hoist please take note of all overhead obstructions and/or electrical wires. Select a location that is free of traffic and pedestrians.

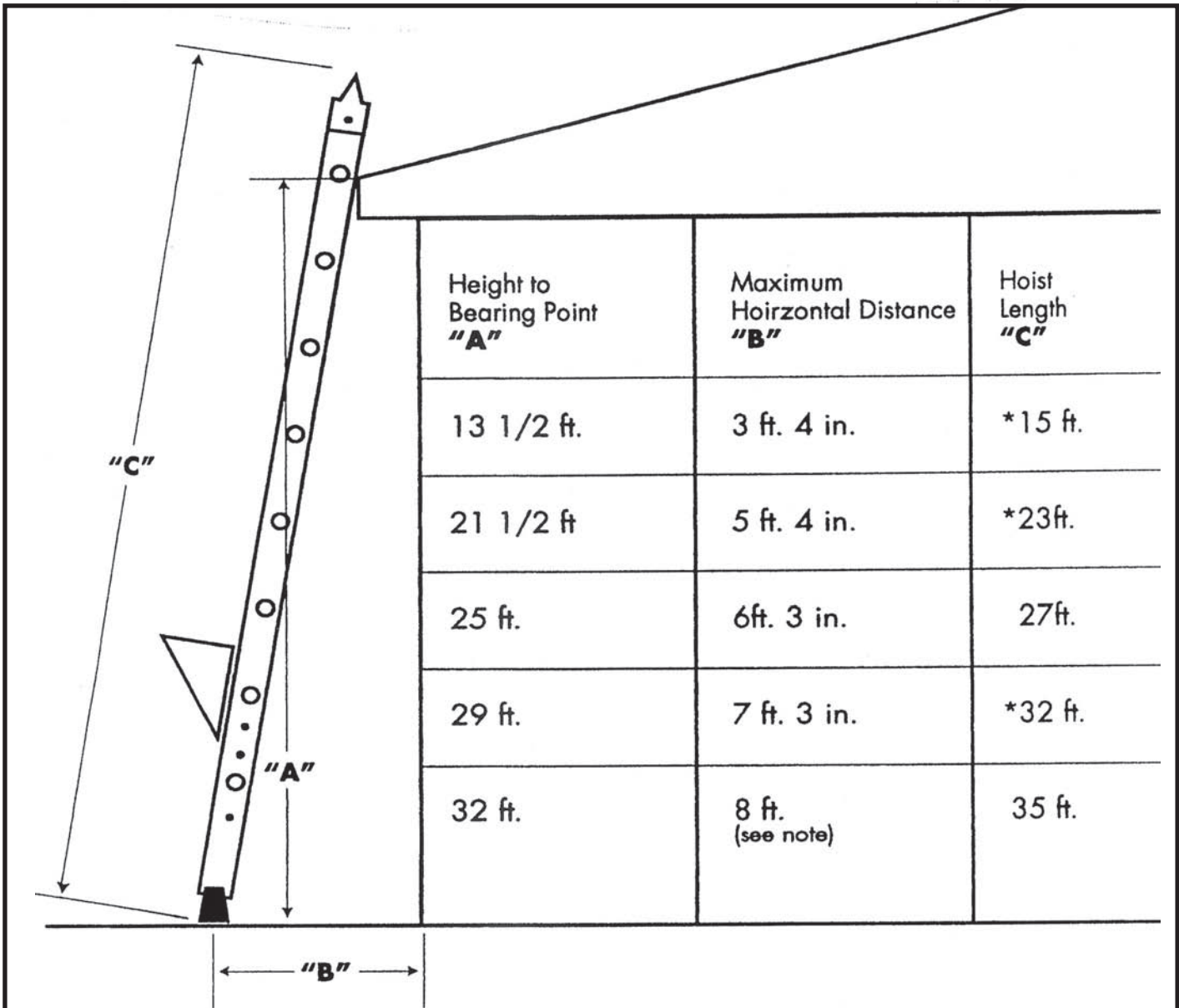
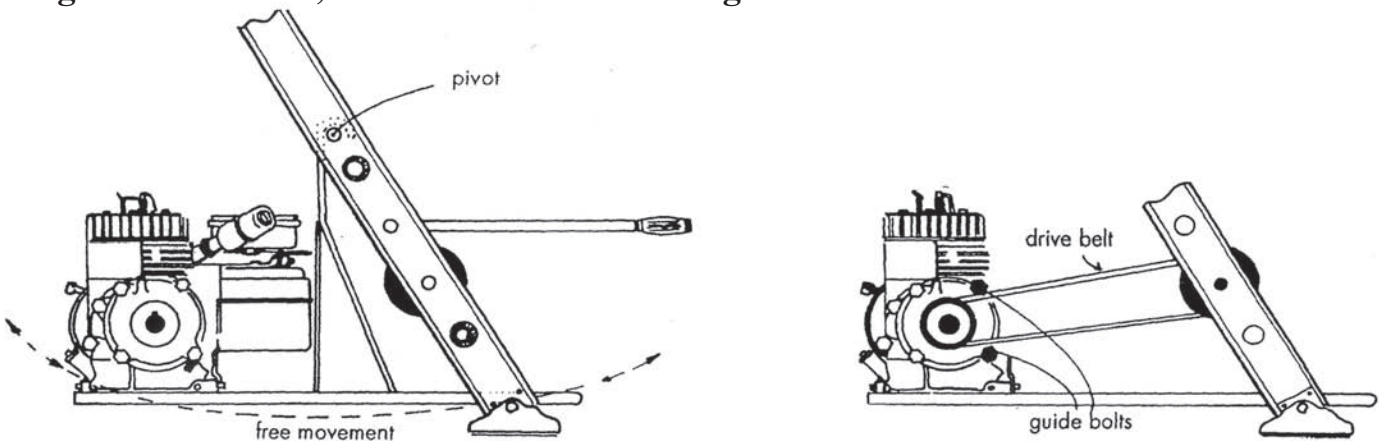
Lay the assembled hoist along side the wall where the hoist is to be used.

Tie a rope to the peak and use that rope, from the roof to lift up hoist. While the hoist is being lifted, one or two people on the ground should brace the feet of the hoist and walk the hoist up until it is vertical.

Once the hoist is vertical, turn it 90 degrees and lean it up against the building.
Refer to the enclosed chart for setting the proper distance from the wall to the base of the hoist.
(1-ft. away from the wall for every 4-ft. of height.)

Once the hoist is in place against the building, secure the hoist to the building by tying it off with a rope going around the peak.

When loading the hoist, be sure that the materials are centered and balanced on the carriage and if needed, are secured to the carriage.



*These lengths are obtainable by using an optional 4 ft. extension

NOTE: Distance "B," the maximum horizontal distance, must not be more than 1/4 of the Hoist's working length "A."

