
OPERATOR'S MANUAL

Grasshopper

WARNING!
Before operating this product,
read and understand this
Operator's Manual.
Become familiar with the
potential hazards of this unit.
Contact SUMNER
if you have any questions.



SUMNER*
A Southwire Company

USA

7514 Alabonson Road
Houston, Texas 77088
phone: 281.999.6900
fax: 281.999.6966

CANADA

75 Saltsman Drive, Unit 5
Cambridge, ON N3H 4R7
phone: 519.653.5300
fax: 519.653.5305

NETHERLANDS

Midden Engweg 21
NL-3882TS Putten
Netherlands
europeansales@sumner.com
phone: +31 (0) 85 489 0284

UNITED KINGDOM

Unit 3 Kempton Road
Keytec 7 Business Park
Persnore, Worcestershire
WR10 2TA, UK
phone: (44) 01386 556278

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OWNER'S RESPONSIBILITIES

Throughout this publication, the words **WARNING**, **CAUTION** and **IMPORTANT** will be used to alert the user to special instructions concerning a particular operation that may be hazardous if performed incorrectly or carelessly.

OBSERVE THEM CAREFULLY !!



WARNING

Hazards or unsafe practices which could result in severe personal injury or death.



CAUTION

Hazards or unsafe practices which could result in minor personal injury, product or property damage.



IMPORTANT

Indicates information or instructions that are necessary for proper operation and/or maintenance.

General Instructions



Sumner's Grasshopper pipe dolly enables one person to quickly and easily move flanges, fittings and pipe up to 40 feet in length, or up to 2,000 lbs (900 kg).

Carefully follow the instructions in this manual to insure personal safety and longevity of equipment.

The Grasshopper pipe dolly has 3 sliding chain blocks to connect pipe. Use the chain blocks at the front and middle of the Grasshopper for shorter pipe. Use the chain blocks at the front and the back of the Grasshopper for longer pipe.

To ensure safest maneuverability line up the center of gravity for the pipe length with the center of the Grasshopper wheels.

Instructions For Attaching Pipe

1. With load lying on a flat surface, place a wood block that is between 3 and 4 inches high next to the load.



CAUTION

Use a sturdy wood block of at least equal width of the load on a flat surface. Placing pipe on an item that is unstable or not suited to take large weights may result in the load falling causing possible injury.

2. When lifting pipe, lower the front of the Grasshopper by lifting the handled end and inserting the hook on the front of the Grasshopper into the pipe.



3. Lift the pipe with the hook and position it on top of the wood block next to the pipe.



4. Wheel the Grasshopper over the load and tilt forward so it rests on its nose. Walk up the length of the Grasshopper holding onto the frame to keep the nose tilted forward.



5. Hold the nose of the Grasshopper down by placing a foot on the lifting hook.



6. Slide one end of the front chain under the pipe and attach to the sliding chain block hook on the other side of the Grasshopper. Secure all excess chain to the chain block to keep it from dragging on the ground.



CAUTION

Failure to properly connect chain to chain blocks may result in load being prematurely released.

7. Lower the handled end of the Grasshopper, lifting the front end of the load.



CAUTION

The weight of the load on the front end will cause the back end of the Grasshopper to raise. If necessary, use assistance to hold the Grasshopper down while connecting rear chain from sliding chain block.

8. While holding down the handle end, line up the sliding chain block to leave at least a foot before the end of the pipe.

Slide one end of the chain under the load and attach it to the sliding chain block hook on the other side of the Grasshopper.



9. The load is now fully supported by the Grasshopper ready to be moved. Lift the handled end of the Grasshopper and wheel load away.



Instructions For Detaching Pipe

1. At the front of the load, place a wood block on a flat surface underneath where the load is to be removed.
2. Lower the handles of the Grasshopper to the ground so that the rear of the load is also resting on the ground.
3. Disconnect the chain from the rear sliding chain block hook and slide chain from underneath the pipe.



4. Raise the handled end of the Grasshopper so that the front of the pipe rests securely on the wood block.



5. Disconnect the chain from the chain block hook in the front and slide it out from underneath the load.



CAUTION

Be certain load rests securely on wood block before removing chain. If the load is not secure it may fall off the wood block resulting in injury.

5. Hold the nose of the Grasshopper down by placing a foot on the lifting hook to keep the front of the Grasshopper from raising prematurely.



- The load is now disconnected from the Grasshopper. Walk back up the length of the Grasshopper while lowering the handled end. Position the Grasshopper so that the hook end is facing the end of the pipe now elevated on the wood block.



CAUTION

Be careful not to nudge the load off of the wood block while repositioning the Grasshopper.

- Insert the hook into the end of the pipe elevated on the wood block. Lift the pipe from the wood block and place it on the ground.

