



**Southwire™**

# **OPERATOR'S MANUAL**

## **Grasshopper™ Pipe Dolly**



**READ AND UNDERSTAND ALL OF THE INSTRUCTIONS AND  
SAFETY INFORMATION IN THIS MANUAL BEFORE OPERATING  
OR SERVICING THIS TOOL**



# IMPORTANT SAFETY INFORMATION



## SAFETY ALERT SYMBOL

This symbol is used to call your attention to hazards or unsafe practices which could result in injury or property damage. The signal word, defined below, indicates the severity of the hazard. The message after the signal word provides information for preventing or avoiding the hazard.



### DANGER

Immediate hazards which, if not avoided, WILL result in severe injury or death.



### WARNING

Hazards which, if not avoided, COULD result in severe injury or death.



### CAUTION

Hazards or unsafe practices which, if not avoided, MAY result in severe injury or death.



### DANGER

Read and understand all of the instructions and safety information in this manual before operating or servicing this tool. Failure to observe this warning could result in severe injury or death.

## GENERAL INSTRUCTIONS

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Southwire'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

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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 it's 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

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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.

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.



6. 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™.

8. 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.



## PRODUCT SPECIFICATIONS

Model: ST-401

Product Number: 780351

Height 40.0" (101.6 cm)

Width 35.0" (88.9 cm)

Length 12.0 (30.5 cm)

Weight: 165 lbs (74.8 kg)

Load Capacity

Height 28.0" (71.1 cm)

Width 20.0" (50.8 cm)

Length 20.0" (609.6 cm)

Weight 2,000.0 lbs (907.2 kg)

## WARRANTY CLAIM INFORMATION

For all warranty, customer service, and product return authorizations and inquiries, please visit [www.southwire.com/resources/warranties](http://www.southwire.com/resources/warranties).





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Grasshopper™ manual/manuel

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