



The following are guidelines. Client or Project Specifics may superseded this document. Consult Project Manager with conflicts.

BUsing George Fischer Saw

Task Step	Step Hazard	Hazard Mitigation	Picture
<p><i>Safety precautions</i> 1) Review owner's manual, do not use machine in a manner other than stated. Use other than stated in the instructions is forbidden.</p>		Safety precautions.	
<p>1. Transport and Assembly</p>	<p>a. Soft tissue injuries b. Potential pinch points or hand injuries when transporting.</p>	<p>a. Transport and fit pipe with a buddy. b. Wear safety gloves and plan route of travel to ensure it is clear of obstructions with adequate housekeeping.</p>	
<p>2. Inspect the equipment before use.</p> <p>a. Keep all relevant documents by the machine. b. Use only for cutting and beveling pipe. c. Inspect for any damages or defects. d. Inspect electrical cord and plug. i. Operate only if the electrical restart inhibitor is working. e. Ensure the work area is not damp or wet and lighting is adequate. i. Do not operate near flammable liquids or gases.</p>	<p>a. Potential injury from improperly working tool.</p>	<p>a. Install per manufacturer's set-up specifications on a flat/secure tool bench.</p>	
<p>3. Set up tool</p> <p>a. Disconnect mains plug b. Fit pipe cutter to workbench and quick mounting plate. c. Ensure tool stability. d. Ensure correct cutting blade is installed and in good condition. e. Fit the saw blade. f. Adjust pipe diameter g. Adjust stops if necessary.</p>	<p>a. Injury from broken tool. b. Tool tip over/damage. c. Laceration.</p>	<p>a. The saw blade/additional cutter must be free from chips and dirt. i. Use only Georg Fischer saw blades. ii. The inscription on the saw blade must face pipe cutter. Observe sign for saw blade guard. b. Set on a flat/secure tool bench and follow manufacturer set-up procedure. c. Keep hands clear of blade when opening and closing.</p>	

The following are guidelines. Client or Project Specifics may superseded this document. Consult Project Manager with conflicts.

<p>4. Position pipe</p> <ul style="list-style-type: none"> a. Position pipe with enough jack stands and/or tables to secure the piece to distribute the weight accordingly. Set up a means to catch the piece of pipe after it is cut. b. Adjust blade height just past ID utilizing manufacture supplied hand wheel (1-2mm past) c. Insert pipe through clamping jaws to desired cut length. d. Tighten hexagon bolt to close clamping jaw on stock with supplied wrench. 	<ul style="list-style-type: none"> a. Potential hand injuries b. Electrocutation c. Soft Tissue Injuries/Strains 	<ul style="list-style-type: none"> a. Wear safety gloves <ul style="list-style-type: none"> a. Keep hands clear of tool in relation to pipe. b. Operate the AVM (automatic operation) only with the supplied web (if equipped). <ul style="list-style-type: none"> a. Ensure cables of the AVM are fastened in the cable clamps. b. Disconnect main plug before fitting or changing the tool. c. If pipe is longer than 10' use buddy system or mechanical means to carry d. Keep hands clear of blade when opening. 	
<p>5. Cut/Bevel pipe</p> <ul style="list-style-type: none"> a. Reconnect main plug. b. Apply saw blade lubricant to blade teeth. <ul style="list-style-type: none"> i. Repeat lubrication every three cuts. c. Mark the location on the pipe d. Switch on saw motor, press the on/off switch and the locking button. e. Carefully turn pipe-cutter clockwise. f. Continue turning until the pipe is cut and the marks on slide and vise housing are aligned. 	<ul style="list-style-type: none"> a. Electrocutation/shock b. Injuries from broken tool c. Injury from laser d. Getting caught in a pinch point by the tool. <ul style="list-style-type: none"> i. Flying pieces of pipe e. Injury from the rotating slide housing. f. Noise 	<ul style="list-style-type: none"> a. Keep the mains cable away from the saw blade or bevel cutter. <ul style="list-style-type: none"> a. Do not run machine unattended. b. Maintain awareness of main cable. b. Do not process the pipe while it is loose in the vice. <ul style="list-style-type: none"> a. Saw blade must be securely clamped. b. Immediately change worn-out tools. c. Do not wear loose clothing, tie-up hair, take off jewelry. <ul style="list-style-type: none"> a. Wear goggles. d. Do not stand in path of automatic revolution. <ul style="list-style-type: none"> a. If using a manual handle make sure the housing starts from the home position (where blade should not be touching pipe) and pull off the vice handle before cutting. 	
<p>6. Release pipe/ Restore to zero energy</p> <ul style="list-style-type: none"> a. Turn the pipe cutter back into its home position. b. Switch off the saw motor. c. Unscrew the hexagon bolt to release pipe. 	<ul style="list-style-type: none"> a. N/A b. N/A c. Soft tissue injuries/strains 	<ul style="list-style-type: none"> a. N/A b. N/A c. When moving larger pieces of pipe ensure that buddy or mechanical means is engaged. 	
<p>7. Repeat steps 4-6 in that order.</p>			

Special Notes:

1. Before changing tools, cleaning or performing any maintenance, adjustment or repair work, disconnect the mains plug and allow the machine to run to a stop.
2. If you are working manually, switch off the machine after each working cycle and allow the machine to run to a stop.
3. Do not use electric tools in damp or wet condition. Ensure adequate lighting and do not use in close proximity to flammable liquids and gasses.
4. **Items in Red indicate a previous incident occurred.**