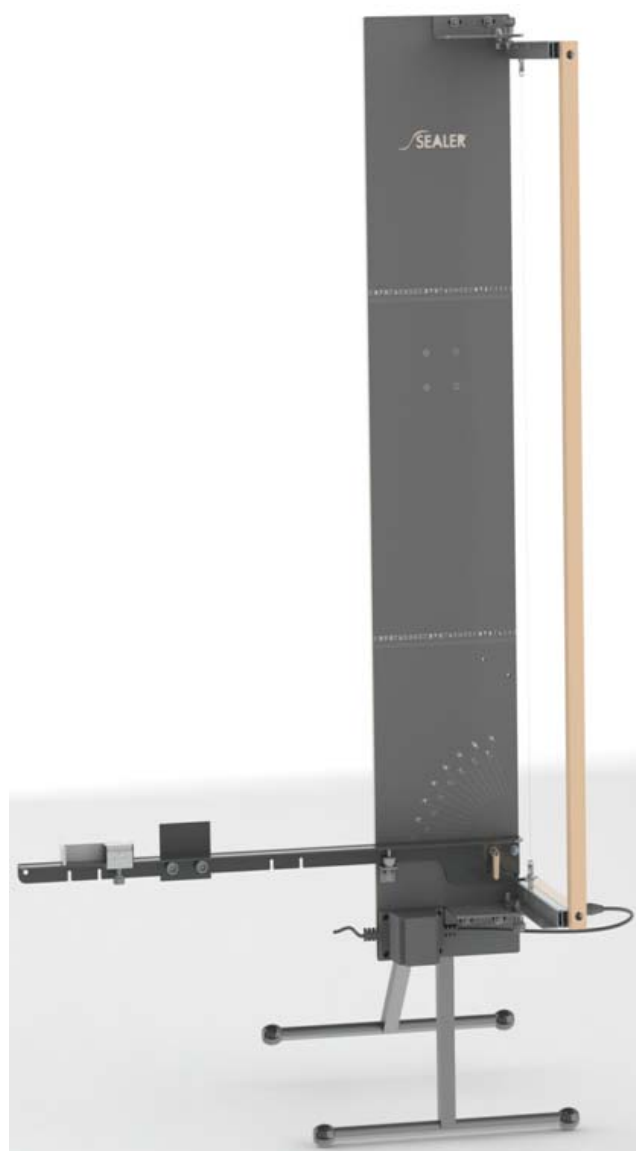




INSTRUCTION MANUAL

CUT 1000/1200 JOY

HOT WIRE FOAM CUTTER





DECLARATION OF CONFORMITY

We declare under our sole responsibility that the Hot Wire Foam Cutters SEALER CUT 1000 JOY and SEALER CUT 1200 JOY are in conformity with the following Standards:

EN 55014-1:2006

EN 61000-3-2:2014

EN 61029-1:2009

EN 55014-2:1997

EN 61000-3-3:2013

according to the provisions of the Machinery Directive 2006/42/EC, the Electromagnetic Directive 2014/30/EU and the Low Voltage Directive 2014/35/EU.

Davide Pasini – Pasini S.r.l.

Managing Director

31.01.2018

Technical documentation available at:

PASINI S.r.l.

Via A. De Gasperi, 30

42020 San Polo d'Enza (RE) - Italy









FOR YOUR SAFETY

- Before beginning any work, fully read and understand the operating and safety information
- Strictly follow the instructions for use contained therein

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE



	<p><u>POWER SUPPLY</u></p> <p>Make sure that the power source agrees with the VOLTAGE SPECIFIED ON THE NAMEPLATE of the unit.</p> <p>NEVER CONNECT THE TOOL DIRECTLY TO THE MAINS (230V). IT IS DESIGNED TO BE USED WITH A TRANSFORMER.</p> <p>Before each use of the unit, CHECK THE CABLE AND PLUG. If damage is detected, do not use the unit. Have repairs performed only by a qualified technician. Never open the unit yourself.</p> <p>If the mains cable is damaged or separated during work, do not touch the cable, but pull the mains plug immediately. Never operate the unit with the mains cable damaged.</p>
 	<p><u>DANGER OF BURNING</u></p> <p>The hot wire becomes very hot. Touching it accidentally will immediately lead to burns. The use of protective gloves is recommended.</p> <p>When the tool is connected to the mains supply, the transformer generates heat, even when the tool is switched off.</p> <p>Make sure that this heat is properly dissipated and that there are no heat-sensitive objects in the vicinity, which could become warm and thus present a potential risk.</p>
	<p><u>WEAR A PROTECTIVE MASK</u></p> <p>The cutting operation produces smoke. This smoke contains small quantities of styrene, which are well within the permitted maximum safe limits.</p>
	<p><u>WEAR EYE PROTECTION</u></p> <p>The wire is under mechanical tension (spring force). If the wire breaks, sparks are produced. The use of protective eyewear is mandatory</p>
	<p><u>PROTECT THE TOOL FROM MOISTURE</u></p> <p>The unit must not be damp and must not be used in a wet environment.</p>



PRODUCT DESCRIPTION AND SPECIFICATIONS

INTENDED USE

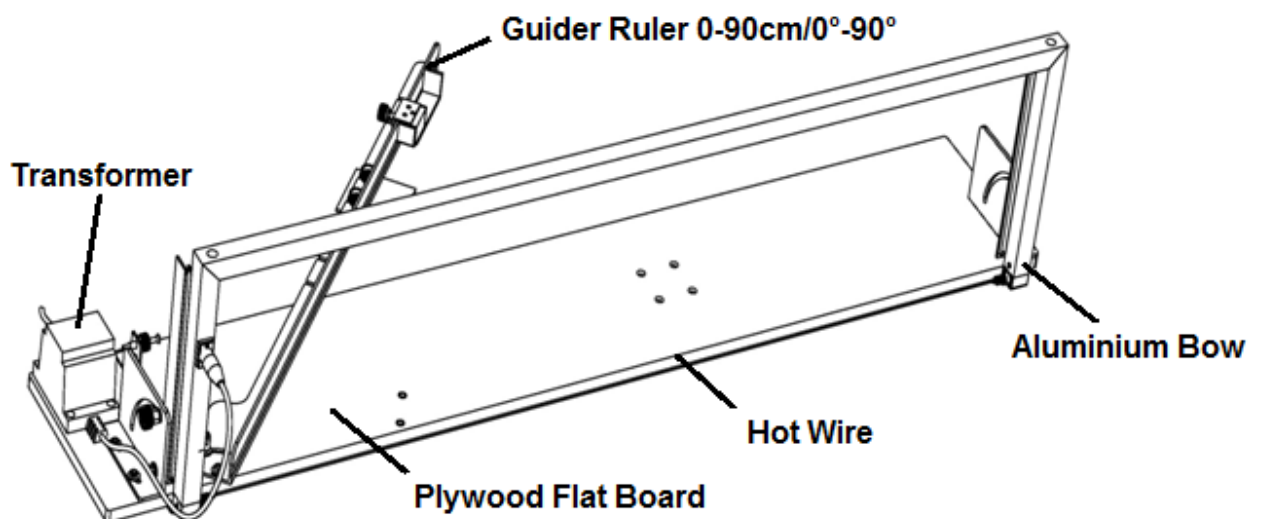
The SEALER CUT 1000/1200 JOY Hot Wire Foam Cutter is a professional-grade hot cutting tool for foamed plastics.

It heats up in seconds and gives the operator temperature control by means of the button switch installed on the aluminium bow.

Expanded Polystyrene (EPS), Extruded Polystyrene (XEPS) and other foam materials can be easily cut with the SEALER CUT 1000/1200 JOY foam cutter.

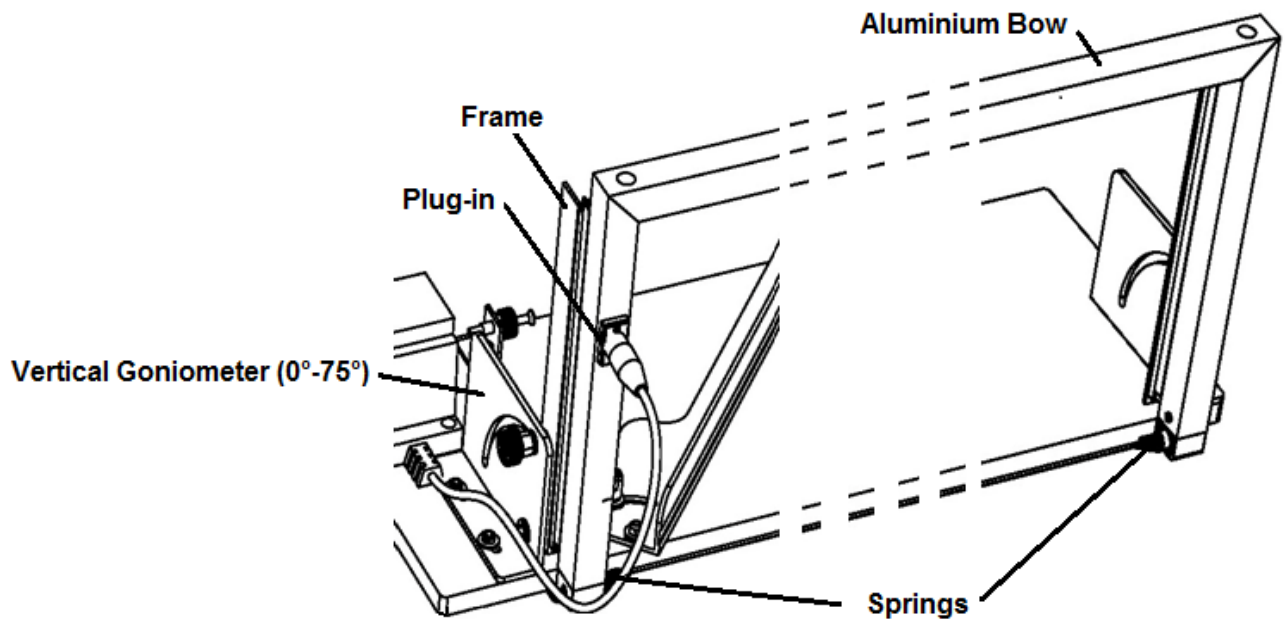
Check with the foam manufacturer for safe and proper cutting procedures.

MAIN COMPONENTS






DETAIL VIEW



TECHNICAL DATA

HOT WIRE FOAM CUTTER	CUT 1000 JOY	CUT 1200 JOY
Product Code	42103	42100
Max. cutting length	1070 mm	1370 mm
Max. cutting height	330 mm	330 mm
Guider ruler	800 mm; 0°÷90°	1000 mm; 0°÷90°
Weight	11.6 kg	15.6 kg
Size	1400x430x170 mm	1700x430x170 mm
Transformer	230 V/36 V - 160 W Built-in thermostat	230 V/40 V - 200 W Built-in thermostat
Degree of protection	IP44	
Protection class	□ / II	
Intermittent operation	15 s ON/45 s OFF	
Power cord length	2 m (transformer to power supply) 1 m (transformer to plug-in of frame)	



	<p>CAUTIONS BEFORE OPERATION</p> <p>Please read and follow carefully these instructions before operating the Hot Wire Foam Cutter. Unpredictable results may occur if you do not follow them! For people and machine safety, please be careful!</p> <p>Before setting up, repair or maintenance of the Hot Wire Foam Cutter you MUST ALWAYS pull the mains plug.</p>
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- The tool is intended to be operated by a single person who is both familiar with the tool and the way it is operated. The use of protective clothing and gloves is recommended. (see also Safety Advice).
- The wire does not need to be red hot to move through foamed plastics. Excessive power output and heat generation may cause the wire holders to overheat resulting in damage to the unit. Use only the power output for proper cutting.
- The tool works on low voltage and should only be used with the attached transformer.
- The tool may only be used with the supplied cutting wire.
- Allow the wire and the wire holders (springs) to cool down before handling. A hot wire may cause injury or burns to exposed surfaces.
- Keep hot wire and holders away from skin, clothing and other flammable materials.
- Unauthorized conversion and/or modification of the appliance is inadmissible because of safety and approval reasons (CE).
- The supply cord and plug are to be replaced only by the Manufacturer or his Servicing Agent who have a special tool available.
- The structure of the Hot Wire Foam Cutter complies with Protection Class II. Make sure that the insulation of the housing is neither damaged nor destroyed.
- Consult foam manufacturer's Material Safety Data Sheet for flash points and toxicity of material to be cut.
- **Always operate the CUT 1000/1200 JOY Hot Wire Foam Cutter in well ventilated and well lit spaces.**
- **Do not leave the tool unattended. KEEP AWAY FROM CHILDREN AND ANIMALS.**
- The tool should be switched off after each cutting operation.
- **If the tool is used continuously for long periods of time, the transformer should be disconnected from the mains during work pauses.**

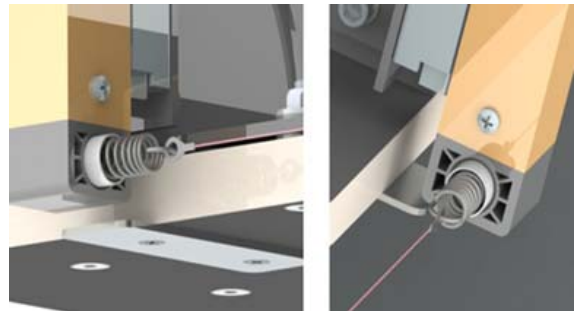


ASSEMBLY

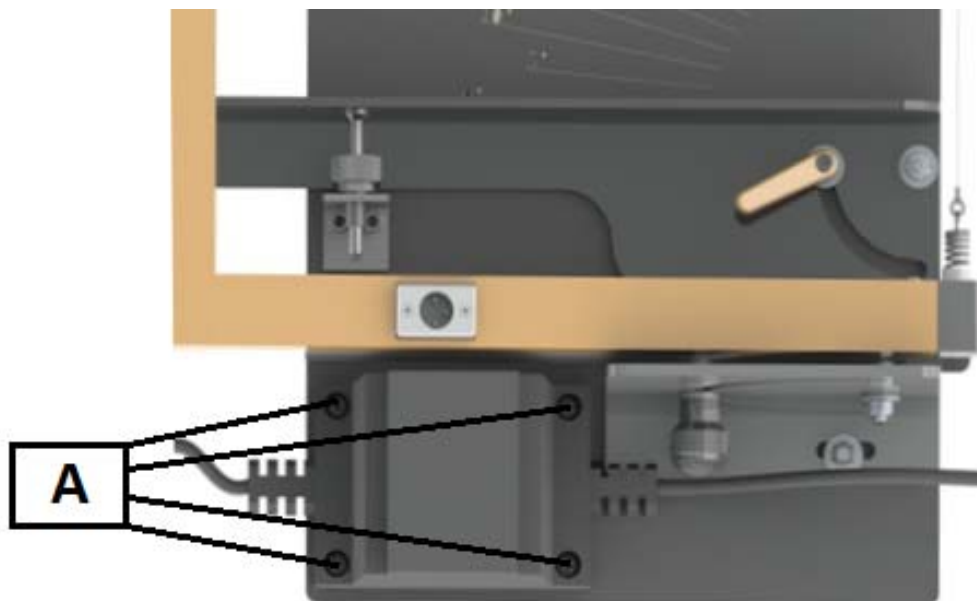
WIRE INSTALLATION

	Always unplug the power cord of the CUT 1000/1200 JOY Hot Wire Foam Cutter before installing or removing the wire.
	Allow sufficient cooling time for wire and wire holders (springs).

The correct wire installation should be done by two persons: while one pulls at the same time the two springs (DO NOT OVER PULL), the other puts up the wire to the springs.

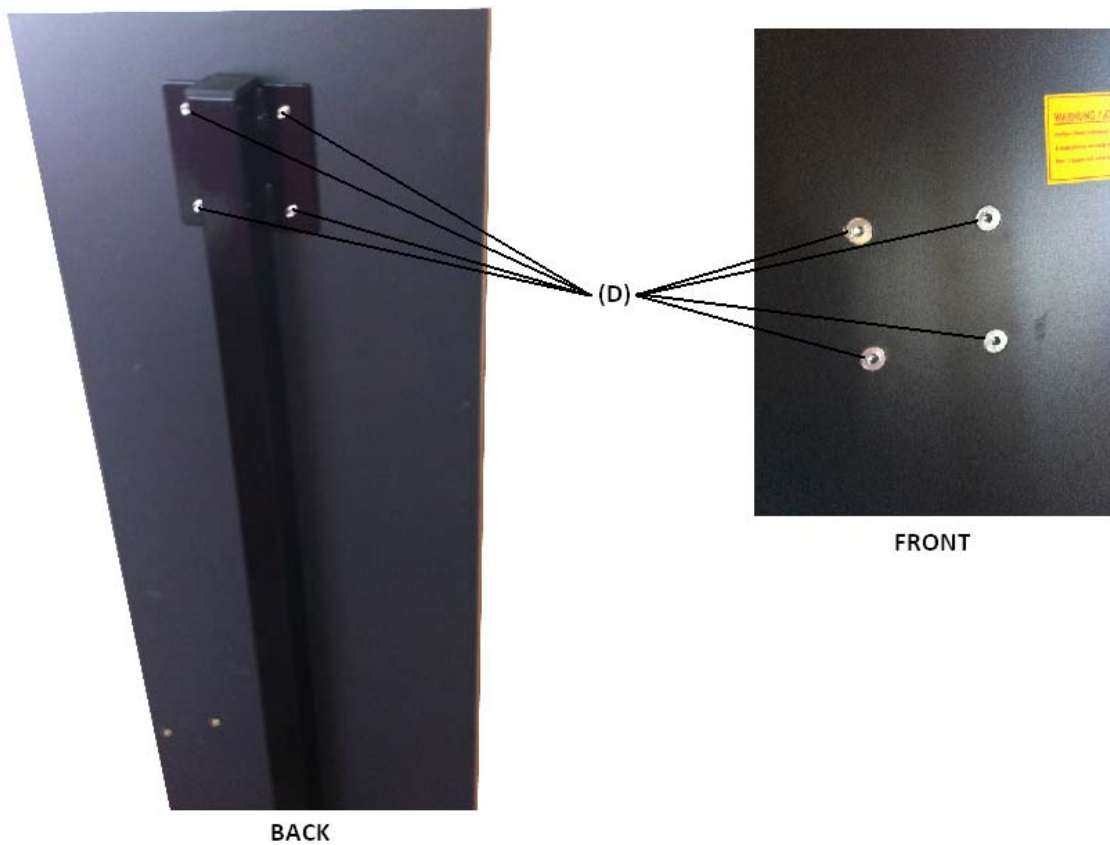


TRANSFORMER ASSEMBLY

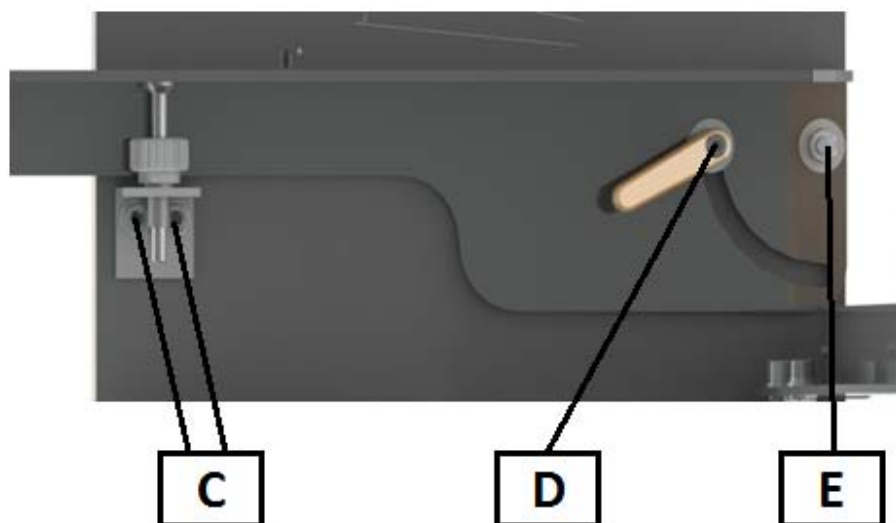


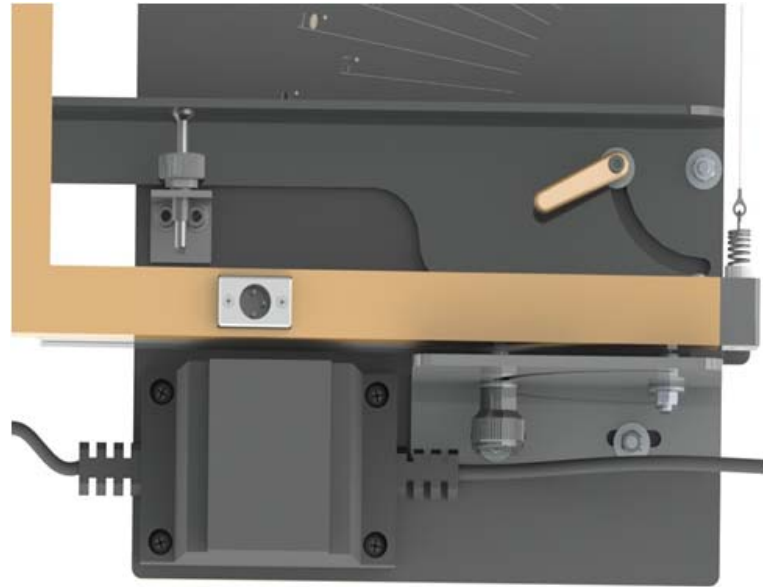


SUPPORT FRAME ASSEMBLY

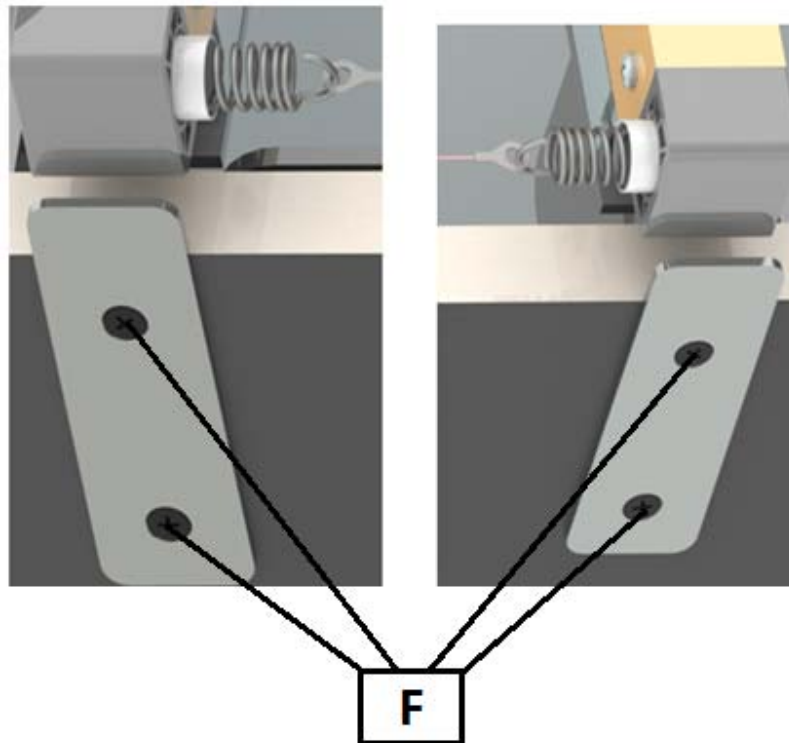


RULER ASSEMBLY





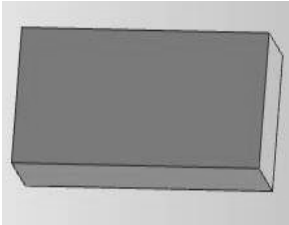
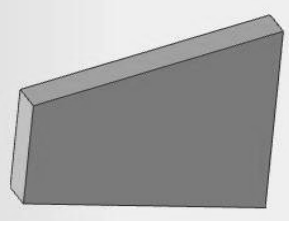
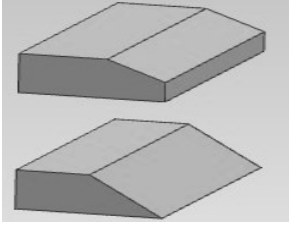
STOPS ASSEMBLY





OPERATION

CUTTING SHAPES

RECTANGLE 	<ol style="list-style-type: none">1) Set the vertical goniometer at 0°2) Set the guider ruler at 0°3) Cut following the scale of the ruler
TRIANGLE – LADDER-SHAPE 	<ol style="list-style-type: none">1) Set the vertical goniometer at 0°2) Set the guider ruler at needed angle3) Cut following the scale of the ruler
BEVEL 	<ol style="list-style-type: none">1) Set the vertical goniometer at needed angle2) Set the guider ruler at 0°3) Cut following the scale of the ruler

NOTE: For best results, practice on scrap pieces of foam.

When cutting foam, keep temperature and speed consistent.

If smoke develops during cutting operation, it means that speed is too low or the wire is too hot, which could result in an oversized, uneven cut.

This can be relieved by intermittently releasing the button switch. As the cutting resistance increases, depress the switch again. The CUT 1000/1200 JOY Hot Wire Foam Cutter will reach the desired temperature within seconds.

So operating, the optimum cut can be accomplished, with minimal smoke, also prolonging the life of the cutting tool.

Releasing the switch approximately 30 ÷ 50 mm prior to the completion of the cut will help keep the wire clean and free from buildup.



MAINTENANCE

- Before setting up, repair or maintenance of the appliance you **MUST ALWAYS** pull the mains plug.
- For proper work and longer service life, always keep the machine clean.

Correct maintenance of the machine can prolong its service life.

The button switch always be kept in proper function and good maintenance.

Once a year, all the nuts and bolts should be checked and, if necessary, tightened.

The Hot Wire Foam Cutter should be cleaned whenever the operation is over or the cutting tool will not be used for long time.

The wire guide rollers and the ball bearing sliders should be cleaned and checked to see if they can move freely.

For cleaning operation only use dry methods. Do not use solvents.

Constant use of the Hot Wire Foam Cutter may result in material build up on wire and wire holders. This excess material interferes with the proper electrical and impairs the performance of the wire.

If the cutting wire is very dirty, it should be replaced.

Only original spare parts must be used in case of replacement/repair.

DISPOSAL



According to the Directive 2002/96/EC on Waste Electrical and Electronic Equipment, power tools that are no longer usable must not be thrown away with domestic waste.

They must be collected separately and recycled at special disposal centres provided for the purpose.

Contact your local authorities or stockiest for advice on recycling.