



# HOT WIRE FOAM CUTTER

## Model 66788

### INSTRUCTIONS AND PRECAUTIONS

Distributed exclusively by Harbor Freight Tools®.  
3491 Mission Oaks Blvd., Camarillo, CA 93011  
Visit our website at: <http://www.harborfreight.com>



**SAVE THESE  
INSTRUCTIONS.  
READ ALL  
PRECAUTIONS AND  
INSTRUCTIONS.**

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**For technical questions or replacement parts,  
please call 1-800-444-3353.**

### SPECIFICATIONS

Electrical Information	Adapter: 120VAC, 60Hz Power: 7.5V DC, 1200mA
Cutting Temperature	428° F (220° C)
Wire Size	32 AWG (0.008" Dia.)

### UNPACKING

When unpacking, make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at 1-800-444-3353 as soon as possible.

### IMPORTANT ASSEMBLY AND SAFETY INFORMATION

1. Always wear ANSI-approved safety goggles, heavy-duty work gloves, and NIOSH-approved respirator when using this Hot Wire Foam Cutter - *Do not pick up, or touch with bare hands.*
2. This Hot Wire Foam Cutter gets **very hot (428°)**, and is not a toy. *Do not allow children to play with or near this item.*
3. Do not leave this Hot Wire Foam Cutter lying on foam, or any combustible surface - *Keep hot pad, or non-combustible surface handy to lay Foam Cutter for cooling.*
4. Disconnect from power source before inspection, or cleaning - *Wait at least 30 minutes to cool before performing maintenance.*
5. Use only for intended purpose - *Do not use this Hot Wire Foam Cutter to cut any material but foam.*
6. This product contains or, when used, produces a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. (California Health & Safety Code § 25249.5, et seq.)
7. Maintain product labels and nameplates - These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

### OPERATION INSTRUCTIONS

1. Put on ANSI-approved safety goggles and heavy-duty work gloves.
2. Plug Adapter into 120V power outlet. This Adapter must remain plugged in while you are using the Hot Wire Foam Cutter.
3. Press the ON/OFF Button and hold. This Button will go to OFF position if released. **NOTE:** This is a safety precaution and must not be tampered with by using tape or other methods to hold down continuously.
4. Press hot wire into foam using gentle pressure to move through the workpiece. Let the Hot Wire Foam Cutter move slowly. Do not force the cutting action.
5. When you are finished cutting, release the ON/OFF Button. Unplug the Adapter and set

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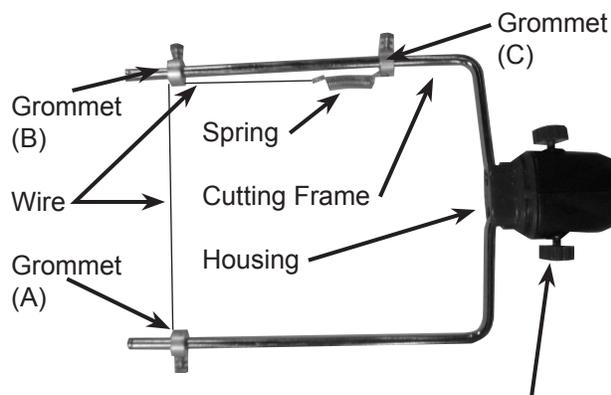
the Hot Wire Foam Cutter on a non-combustible surface to cool for at least 30 minutes (avoid contact with the wire) before wiping off with a clean soft rag and storing inside, in high location, where children do not have access.

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## WIRE REPLACEMENT

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Figure 1



Knobs for holding Cutting Frame to Housing.  
These are NOT to be adjusted.

1. Tie Replacement Wire to Grommet (A) (with simple knot), then stretch Wire to and through Grommet (B).
2. Thread wire through Grommet (B) and attach to front of spring.
3. Hook back of spring into Grommet (C). Secure Grommets (A & B) to cutting frame by tightening the grommet screws. Adjust the wire tension by sliding of Grommet (C) over cutting frame and tighten the screw (do not place excessive tension on the wire).

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## PARTS LIST

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**NOTE:** Included with this Hot Wire Foam Cutter is a Foam Cutter (1), an AC Adapter (2) and one Replacement Wire (3).

**Record Serial Number Here:** \_\_\_\_\_

**Note:** If product has no serial number, record month and year of purchase instead.

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## LIMITED 90 DAY WARRANTY

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Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and

workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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