

# Hot Knife

FOR FORMED PLASTICS



TP-HOT KNIFE

PROFESSIONAL-GRADE HOT CUTTING TOOL

شركة النجم الرقمي للألات و المعدات  
DIGITAL STAR MACHINERY AND EQUIPMENTS

## Introduction

The Hot Knife is a professional-grade hot cutting tool for foamed plastics. The TP-Hot Knife heats up in seconds and gives the operator temperature control. Never before has working with foamed plastics been this easy, inexpensive, and free of mess

## Recommended Use

Expanded Polystyrene (EPS), Extruded Polystyrene (XEPS), Polyethylene, Cross-Linked Polyethylene, Polypropylene, and many other foamed plastics and materials can be easily cut with Hot Knife. Check with the foam manufacturer for safe and proper cutting procedures.

## Blade Installation

1. Loosen the screws on the blade holders with the wrench.
2. Slide the blade under the square pressure plate until snug
3. Securely tighten screws to assure the proper electrical connection. Do not over-tighten.
4. Once the blade is firmly in place, plug the TP-Hot Knife Unit into a standard 220-volt power supply.
5. The temperature control knob has an arrowhead. The smaller the ridge the lower the power setting.

## Operation

Put your temperature control knob at the midrange setting, place the blade against the edge of the foam and depress

## Specification

Input	230V
Length	260mm
Weight	270g

Output	100w
Width	50mm
Temperature	600°F+

**NOTE:** Always unplug the cord of the Hot Knife before installing or removing the blades. Allow sufficient cooling time for blades, blade holders, and metal. thumb wheels before handing.

**Caution 1:** The Hot Knife blade has a sharpened razor edge, for the cleanest cut always cut in the direction on the sharpened edge.

**Caution 2:** Excessive power output and heat generation may cause the blade holders to overheat resulting in damage to the unit. Use only the power output for proper cutting. The blade does not need to be red hot to move through foamed plastics.

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IBN AL SAQA 8162 | AS SALHIYAH DIST | RIYADH - 12662

+966 11 229 4473

info@digitalstarksa.com

+966 11 229 4473

www.digitalstarksa.com