



### Datasheet / Manual Type HSGM Styro-Cut 230

The powerful performance professional tool for the Building Trade  
**With electronic power control,**  
**for an optimal adjustment of the blade temperature.**  
 For board thicknesses **up to 230mm (9.1")** and for specialty cuts.

#### Technical Description:

Heats up in only 10 seconds  
 Supply voltage: 230V-50 Hz  
 Power input: max. **230 Watt**  
**Optimal level of efficiency**  
 LED-power indicator  
 Protective insulation  
 Mains cord 3m  
 Blade temperature 500°C (930°F) max.  
 Eliminates styrofoam dust  
 Low Weight: 0,6 kg, 1,5 kg incl. plastic case



#### Basic Kit:

- 1 HSGM STYRO-CUT 230
- 2 Blades (1x DSS-220 for boards up to 200 mm and 1x DSS-250 for boards up to 230mm)
- 1 Brass brush
- 1 Screwdriver

#### Practicable blades:

Type DSS-200  
 For boards  
 up to 180 mm (7.1")



Type DSS-220  
 For boards  
 up to 200 mm (7.9")



Type DSS-250  
 For boards  
 up to 230 mm (9.1")



Type C-100  
 For boards  
 up to 100 mm (4")



Type C-140  
 For boards  
 up to 140 mm (5.5")



Type C-160  
 For boards  
 up to 160 mm (6.3")



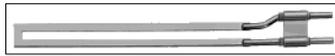
Type C-180  
 For boards  
 up to 180 mm (7.1")



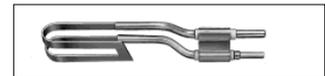
Type C-200  
 For boards  
 up to 200 mm (7.9")



Type C-230  
 For boards  
 up to 230 mm (9.1")



Type CN-14, curved  
 For 14 mm grooves



Type CN-20 curved  
 For 20 mm grooves



Type CN-26 curved  
 For 26 mm grooves



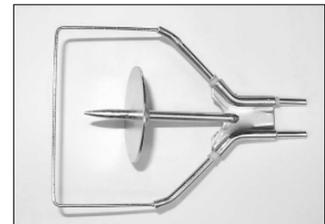
Type CR-20 curved  
 For 20 mm grooves  
 With depth guide



Type CS-20 curved  
 For 20 mm grooves  
 With depth guide



Connector socket cutter  
 Typ D68-61  
 For cutting holes Ø 68 mm



Profile-Section-Adapter type P-A, to cut individual grooves into styrofoam.  
 Up to a groove width of 120 mm.  
 Picture shows tool HSGM Styro-Cut 230 with Profile-Section-Adapter type P-A.





### General information

These Operating Instructions belong to this product. They contain important information about commissioning and operation. Important information for your safety are specially marked.

### Explanation of symbols



**Please read these Operating Instructions carefully and keep them for later use!**



**Warnings and Precautions!**



**Warning about a hot surface!**



**Warning about dangerous voltage!**

To prevent accidents and damage to the device, it is essential to heed these signs. Please also observe this if passing the product on to others. For this reason, please keep the Operating Instructions for further reference!

### Prescribed use

This device is exclusively for the cutting of polystyrene and hard foam, particularly those type boards used for facades, roof insulation or cellar insulation.

### Safety instructions



**When working in rooms, the vapours that arise on the cutting blade during cutting must be removed directly using an extractor fan. Or only work in well-ventilated rooms.**

**PVC and PVC-coated materials may not be processed due to the harmful vapours arising during cutting.**



**Pay attention to the risk of burns when using the machine!**

**The cutting blades can reach temperatures of approx. 500° Celsius. Do not touch the cutting blades once you have switched the machine on. Do not lean the device against objects before the cutting blade has cooled down completely.**



**Danger! Danger to life due to electric shock!**

**A fatal electrical shock can result if water gets into the housing.**

**Keep the machine away from water.**

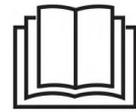
**If water does get in, pull the plug out immediately and do not continue to use the machine.**

Do not operate the product in unfavourable ambient conditions.

Unfavourable ambient conditions are:

- Moisture or too high air humidity,
- Dust and flammable gases, fumes or solvents,
- Strong vibrations.

Always unplug the unit when not used.



The unauthorized conversion and/or modification of the product is inadmissible because of safety and approval reasons (CE).

Make sure that the power cord does not come into contact with heat, oil or sharp edges during operation of the machine. Damaged power cords can cause fires, short circuiting and electric shocks.

The connection cable is to be replaced only by the manufacturer or his servicing agent who have a special tool available.

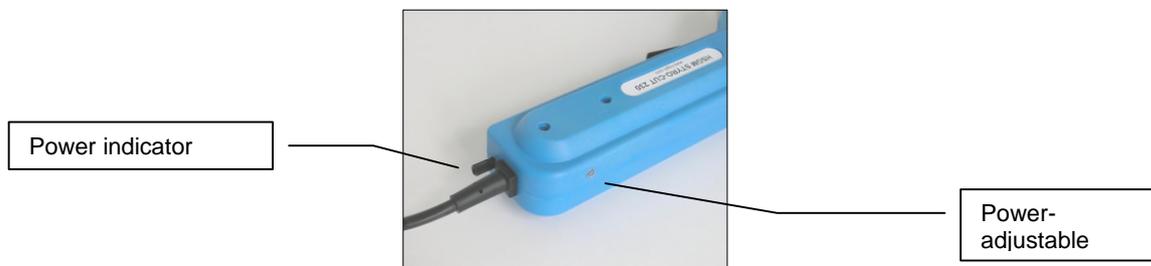
Machines powered by mains voltage do not belong in the hands of children.

Please exercise special caution when children are present.

The structure of the Cutter complies with the safety class II. Make sure that the insulation of the housing is neither damaged nor destroyed.

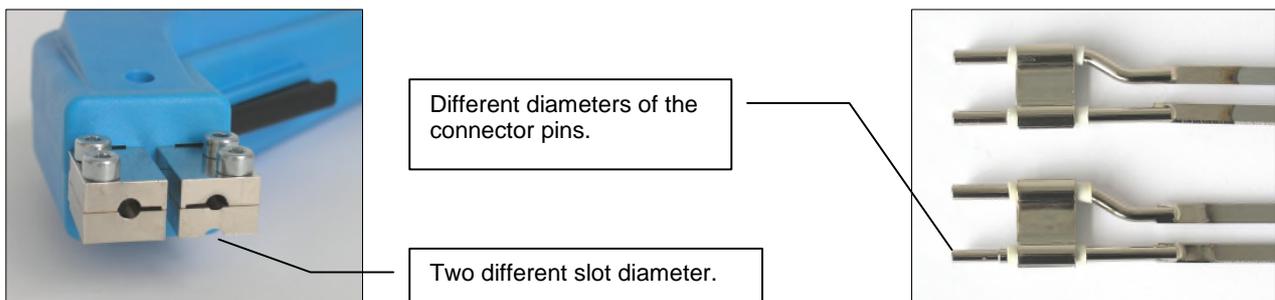
### Operation

1. Loosen clamping screws at the head of the unit.
2. Select a blade based on the board thickness, so all the blade heat is used in the board.
3. Insert blade into clamp openings.
4. The 4 clamping screws should be tested for tightness with the screwdriver (included). Always check for good contact.
5. Check voltage requirements on the model identification label before plugging unit into power socket.
6. The unit is activated by depressing the trigger. After a heating time of 10 seconds, the operating temperature is reached.
7. You can adjust the power of the device with the power-adjustable knob.  
Counterclockwise (=left turn) = less power  
Clockwise (=right turn) = more power  
Full power: LED permanently "red". Reduction in power: LED darker. Overload: LED off.  
**Note:** An excessive power setting will result in overheating of the blade.  
Please adjust just as much power as needed, so you can cut easily. The blade must not glow.  
This should be tested with a rest of a styrofoam board.
8. Guide the blade steadily through the board without any particular pressure. DO NOT FORCE.  
The cutting speed depends on the thickness of the board.
9. The blade can be cleaned while still warm with a brass brush.



### Please note

For the use of blades with different diameters of the connector pins (C-100, CN-14, CN-20, CN-26, CR-20, CS-20), the device is equipped with a universal clamp connector. One of the clamps has two different slot diameters. The clamping piece can be easily unscrewed and rotated for a perfect clamping of the different cutting blades.





**Do not hold the unit in "ON" position continuously to prevent abnormal high blade temperature. Allow the blade to cool down during operation.**

**The indication "intermittent operation 12s/48s" means the following. The tool is not dimensioned for continuous operation but rather for intermittent (short time) operation.**

### Disposal

The device itself must not be disposed in household refuse! An unusable device must be returned to the supplier, the manufacturer or an official disposal body/institution equipped for this purpose.



### Guarantee

HSGM GmbH warrant this appliance (with exception of the blade) for a period of 1 years commencing with the date of sale. The guarantee is given against defects in material and workmanship. It is voided by improper operation, disassembly, repair or alteration by owner or unauthorized third parties.

### Declaration of Conformity

This device fulfil the requirements of the EU-Directives

2014/30/EU „EMC-Directive“

2014/35/EU „Low Voltage Directive“

2011/65/EC „RoHS-Directive“

Therefore this device is marked with the CE-Mark.

