



# CONNECTOR

## WORLD TRADE

**HSGM CORDLESS HEAT CUTTING EQUIPMENT  
FOR SYNTHETIC MATERIALS SUCH AS:  
ROPE, CORD, CABLE, SAIL, NETS, TEXTILE, FABRICS, FOIL,  
PLASTIC, MESH, BELT, STRAPS , VELT ETC.**



### Cordless Heat cutting equipment for synthetic materials

#### HSGM Cordless Heat cutter

- Heat up time: 2 sec.
- Operation time: **Continuous operation**
- With safety switch
- Power supply: Li-Ion Battery 18 Volt - 2.0 Ah
- Battery charging time: 60 minutes
- Operating time: 30 minutes with continuous use
- Output: 115 Watt
- Easy replacement of blades
- Blade temperature: Max. 450°C/842°F
- Weight: 700 gram (incl. blade/battery)
- **Patented active air-cooling system**

The HSGM Cordless Heat Cutter comes inclusive

- 1 x HSGM R-accu blade
- 1 x Li-Ion battery with **LED-capacity indicator**
- 1 x fast charger
- 1 x Allen key
- 1 x cleaning brush
- 1 x carrying case
- Manual



The HSGM Cordless Heat Cutter is a professional cordless heat cutter that is powered by a rechargeable battery. With this portable cutter, you no longer need a supply cord to provide this tool with power. So i.a. very handy at locations where electricity is not always available, for on the road/sea, or at times during the cutting process when the cord is in the way.

This multi-purpose cordless heat cutter is specially designed to cut & seal synthetic material such as rope, cable, dyneema, sail, nets, cords, belts, straps but also synthetic fabric such as textile cloth, nylon, felt, filter fabric, marquis cloth, curtain, net curtains and all other kinds of synthetic fabrics.

A special feature of this tool is that this cutter is equipped with a **patented active air-cooling system**, which ensures that the blade doesn't get overheated, so that you can use this tool continuously.

**HSGM Cordless Heat Cutter Item No. 24.1.025**



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**WORLD TRADE**

**Cordless Heat cutting equipment for synthetic materials**

**The items below are sold separately & fit the  
HSGM Cordless Heat Cutter**

**Item No. 24.3.036**



**HSGM  
R-accu blade  
Length = 30mm**

**Item No. 24.3.102**



**HSGM  
Cutting foot SF-accu  
with guide**

**Item No. 24.3.103**



**HSGM  
Cutting foot SF-accu  
with guide incl.  
R-accu blade (set)**

**Item No. 24.3.099**



**HSGM  
HS-S-accu blade  
V-shape, 20mm  
both sides sharpened**

**Item No. 24.3.127**



**HSGM  
Seal-element H-accu  
20 x 10mm  
the tip is bent**

**Cordless Heat cutting equipment for synthetic materials**

**The items below are sold separately & fit the  
HSGM Cordless Heat Cutter**

**Item No. 24.3.061**



**HSGM  
F-2-accu blade  
Length = 60mm**

**Item No. 24.3.121**



**HSGM  
V-accu blade  
Length = 25mm  
both sides sharpened**

**Item No. 24.3.011**



**HSGM  
HSN-O-accu blade  
Tip 12mm  
is sharpened**

**Item No. 24.3.079**



**HSGM  
C-accu blade  
Length = 35mm  
sharpened  
all around**

**Item No. 24.3.128**



**HSGM  
HG-accu blade  
Length = 20mm  
sharpened  
allround**

### Cordless Heat cutting equipment for synthetic materials

The items below are sold separately & fit the  
HSGM Cordless Heat Cutter

**Item No. 24.5.002**



**HSGM**  
Li-Ion battery  
18Volt - 2.0Ah  
with  
LED-capacity indicator

**Item No. 24.5.023**



**HSGM** battery fast-charger  
with EU - plug

**input: 100-240VAC - 50-60Hz - 65W**  
**output: 21VDC - 2300mA**

**Item No. 24.5.024**



**HSGM** battery double charger for 2 x HSGM battery  
with EU-plug

**input: 220-240VAC - 50-60Hz - 140W**  
**output: 2 x 21VDC - 2400mA**



**HSGM Heat-cutter for rope & synthetic fabric**

# CWT & HSGM

## What is Heat Cutting?

Heat cutting of synthetic material (rope, cord, cable, Dyneema, belts, sail, tarpaulin, nets, fishing nets, woven fabric etc.) is a special process that continues to gain importance in manufacturing processes and in the garment & textile industry.

The traditional mechanical cutting technique, in the meantime, has reached its limits due to missing or unsatisfactory solidity of the cutted edges.

The standard mechanical technique almost always requires an additional finishing operation, either stitching with a sewing machine or thermo-sealing with sealing foil. These additional operations are expensive and this cost will continue to increase.

It is important in today's production operations to combine as many processes as possible for both time and cost-saving reasons.

We therefore urge you to stop cutting mechanically and to take advantage of a system, which offers heat cutting and sealing in a single cost-effective operation.

Our cutting system works under a simple, yet highly established principle. The blade - which is directly heated by a transformer - heats up in 6-8 seconds to approx. 600°C.

All thermoplastic fabric which comes into contact with this blade, will melt.

**In a webbing** the individual weft and warp threads tend to flow into one another if they are close enough together, and by this form a consistent, sealed edge.

The Machines and tools shown in this catalog are just a small variety of our production. We mainly manufacture special purpose machines but also supply components and single parts to modify existing or newly purchased machines.

On request we manufacture special constructions of machines, units and blades.

### Furthermore we produce:

Industrial cutting equipment

Styrofoam cutting equipment

Textile cutting equipment

Rope and belt cutting machines

Machines cutting fabric in width

Machines cutting fabric in length

Thermal shape-cutting installations

Custom- Made blades, elements, parts, devices and machines



# CONNECTOR

## WORLD TRADE

**Worldwide Distributor  
of  
HSGM & CWT heat cutting equipment**

**HSGM Custom-made equipment & parts**

**CWT veterinary medical instruments**

**ENGEL transformers - power supplies**

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