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**HEAT CUTTING EQUIPMENT FOR SYNTHETIC MATERIALS
ROPE, CABLE, SAIL, NETS, DYNEEMA, LASHING STRAPS**





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Heat cutting equipment for rope & synthetic fabric

HSGM HSG-0

- Heat up time 6-8 sec
- Intermittent operation:
12sec on/48sec off
- Supply Voltage:
230V - 50Hz
- Power input: 60Watt
- Supply cord 2mtr with EU-plug
- Easy replacement of blades
- Weight 1 kg

The HSGM HSG-0 comes incl.

- 1 x R-blade
- Suspension hook
- Manual

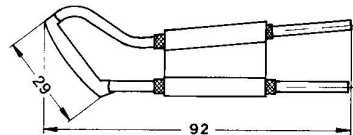


The HSGM HSG-0 is a heat cutter designed to cut & seal the edges of synthetic material, such as rope, cord, Dyneema, straps, belts, sail, nets, cloth, textile, synthetic fabric etc.

HSGM HSG-0 Item. No: 24.1.010

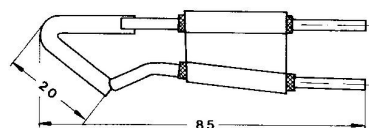
The following blades are sold separately and fit the HSG-0 see specifications below.

Item No: 24.3.030



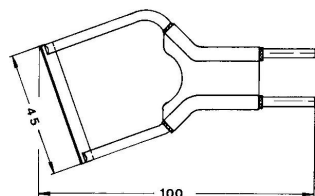
R blade

Item No: 24.3.120



V blade

Item No: 24.3.060



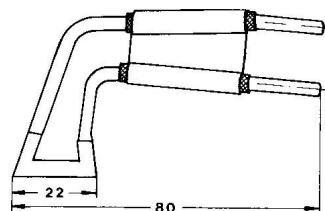
F-2 blade



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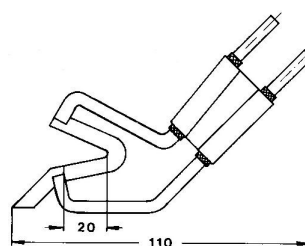
Heat cutting equipment for rope & synthetic fabric

Item No. 24.3.070



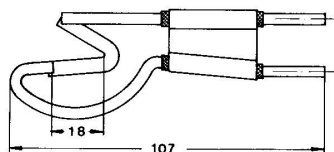
F-3 blade

Item No. 24.3.090



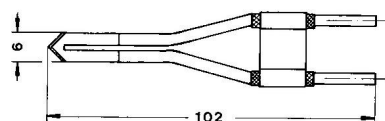
HS-S blade

Item No. 24.3.220



HS-SG blade

Item No. 24.3.010



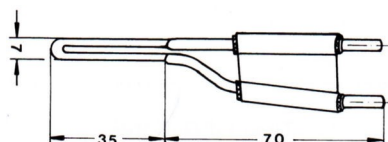
HSO-N blade

Item No. 24.3.130



H blade

Item No. 24.3.080



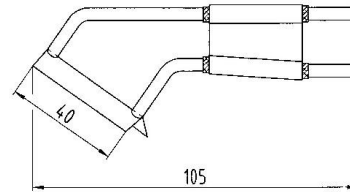
C blade



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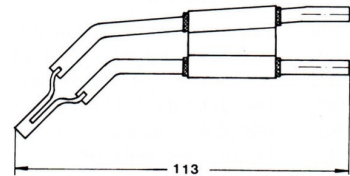
Heat cutting equipment for rope & synthetic fabric

Item No. 24.3.092



KM blade

Item No. 24.3.133 = Ø 3mm
Item No. 24.3.132 = Ø 4mm
Item No. 24.3.131 = Ø 5mm
Item No. 24.3.134 = Ø 6mm
Item No. 24.3.135 = Ø 7mm
Item No. 24.3.136 = Ø 8mm
Item No. 24.3.137 = Ø 9mm
Item No. 24.3.138 = Ø 10mm
Item No. 24.3.139 = Ø 11mm
Item No. 24.3.141 = Ø 12mm

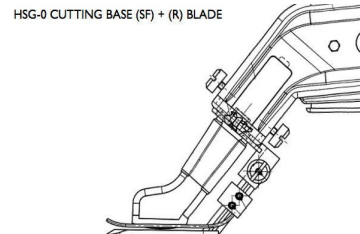


RU blade
Size Ø 3-12mm

Item No. 24.3.140



SF cutting foot
exclusive R blade



Item No. 24.2.100



Hard plastic
carrying case



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Connector World Trade - Cordless Rope & Sail Cutter

CWT Cordless Rope & Sail 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 CWT Cordless Heat Cutter comes inclusive

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



The CWT Cordless Rope & Sail 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.

CWT Cordless Rope & Sail Cutter Item No. 24.1.025



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Connector World Trade - Cordless Rope & Sail Cutter

The items below are sold separately & fit the
CWT Cordless Rope & Sail Cutter

Item No. 24.3.036



**CWT
RSF-blade**

Item No. 24.3.102



**CWT
cutting foot/guide**

Item No. 24.3.103



**CWT
RSF-blade &
cutting foot/guide
(set)**

Item No. 24.3.099



**CWT
HS-S blade**

Item No. 24.3.127



**CWT
Seal-element**

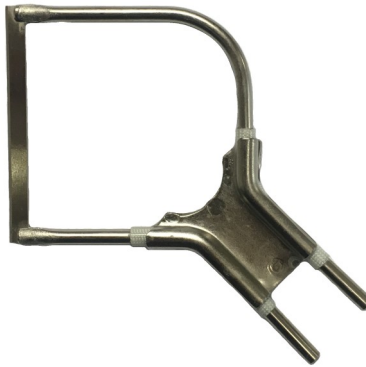


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Connector World Trade - Cordless Rope & Sail Cutter

**The items below are sold separately & fit the
CWT Cordless Rope & Sail Cutter**

Item No. 24.3.061



**CWT
F-2 blade**

Item No. 24.3.121



**CWT
V blade**

Item No. 24.3.011



**CWT
HSN-O blade**

Item No. 24.3.079



**CWT
C blade**

Item No. 24.3.128



**CWT
HG blade**



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Connector World Trade - Cordless Rope & Sail Cutter

The items below are sold separately & fit the
CWT Cordless Rope & Sail Cutter

Item No. 24.5.002



CWT
Li-Ion battery
18 Volt with
LED-capacity indicator

Item No. 24.5.023



CWT
battery fast-charger
with
EU - plug



Heat cutting equipment for rope & synthetic fabric

HSGM HSG-0-Electronic

- Heat up time 6 sec
- Intermittent Operation:
12sec on/48sec off
- Supply voltage:
230V - 50Hz
- Power input:
120Watt
- Supply cord 3mtr
with EU-plug
- Easy replacement of
blades
- Blade temperature:
600°C
- Weight 450 gram

The HSG-0-Electronic
comes incl.

- 1 x R-50 blade
- Suspension hook
- Manual

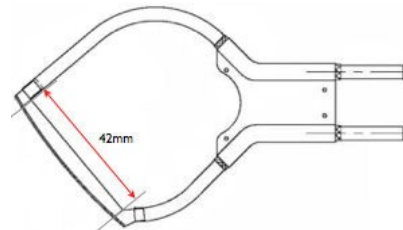


The HSGM HSG-0-Electronic is a comfortable, very light heat cutter designed to cut & seal the edges of synthetic material, such as rope, cable, Dyneema, cords, (with a large diameter) straps, belts, but also sail, tarpaulin, nets, fishing nets, cloth, textile, synthetic fabric etc.

HSGM HSG-0-Electronic Item No. 24.1.030

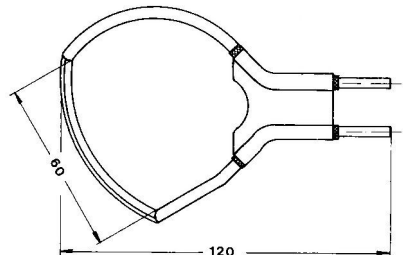
The following blades are sold separately and fit
the HSG-0-Electronic
see specifications below.

Item No. 24.3.050



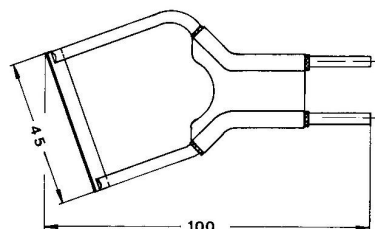
R-50 blade

Item No. 24.3.040



R-1 blade

Item No. 24.3.060



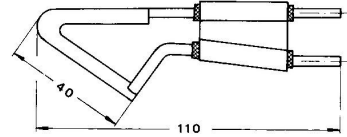
F-2 blade



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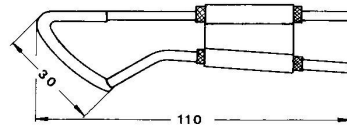
Heat cutting equipment for rope & synthetic fabric

Item No. 24.3.500



VST blade

Item No. 24.3.501



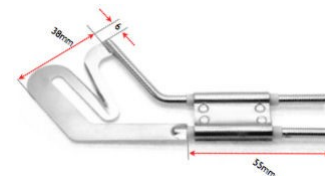
STA blade

Item No. 24.3.091



HS-S-15 blade

Item No. 24.3.093



HS-S-15-F blade



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Heat cutting equipment for rope & synthetic fabric

HSGM Heavy Duty cable & sail cutter

- Heat up time: 6 sec.
- Intermittent operation:
12 sec. cutting
48 sec. cooling down
- Supply voltage:
230V - 50Hz
- Power input: 200 Watt
- Blade temperature:
650°C / 1202°F
- **Adjustable temperature**
- **Overload protection**
- LED-power indicator
- Supply cord 3 meter
with EU-plug
- Easy replacement
of blades
- Weight 580 gram

The Heavy Duty cutter
comes incl.

- 1 x R-1 blade (60 mm)
- Allen key
- Brass brush
- Carrying case
- Manual

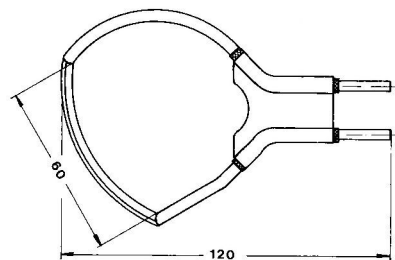


The HSGM Heavy Duty cable & sail cutter is a professional thermal cable & sail cutter. Designed to cut & seal heavy woven & non-woven synthetic material in one simple operation. Such as cables, Dyneema cables & chains, lashing straps, lifting straps, cargo-nets, fishing nets, sail, tarpaulin, sail cloth, boat cover etc. This cutter is equipped with a temperature control and an overload protection function.

HSGM Heavy Duty cable & sail cutter Item No. 24.1.043

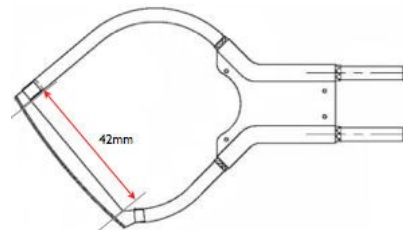
The following blades are sold separately and fit the HSGM Heavy Duty cable & sail cutter see specifications below.

Item No. 24.3.040



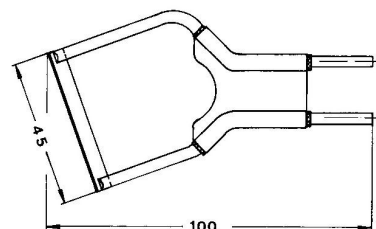
R-1 blade

Item No. 24.3.050



R-50 blade

Item No. 24.3.060



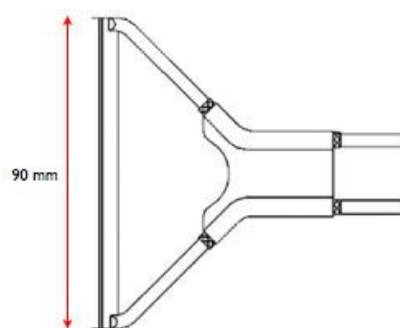
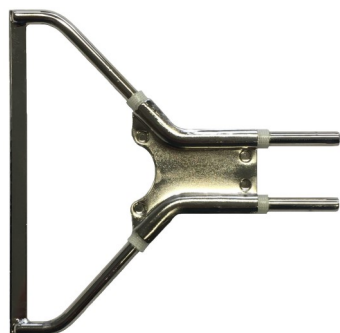
F-2 blade



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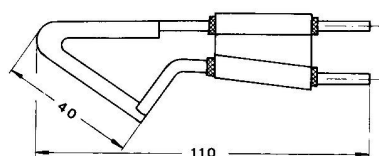
Heat cutting equipment for rope & synthetic fabric

Item No. 24.3.400



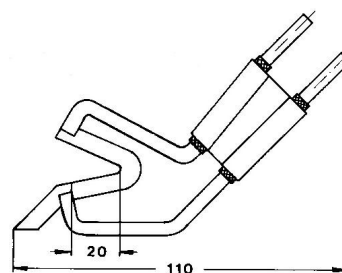
G-90 blade

Item No. 24.3.500



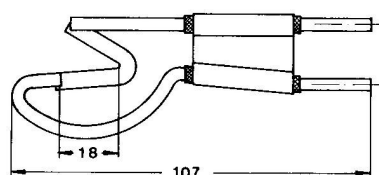
VST blade

Item No. 24.3.090



HS-S blade

Item No. 24.3.220



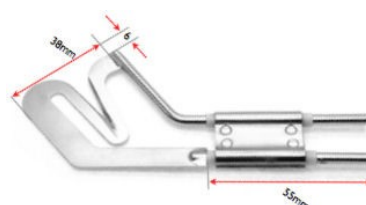
HS-SG blade

Item No. 24.3.091



**HS-S-15
blade**

Item No. 24.3.093



**HS-S-15-F
blade**



Heat cutting equipment for rope & synthetic fabric

HSGM industrial cable cutter

- Heat up time 8sec
- **Continuous operation (100%)**
- Blade temperature is adjustable: max. 600°C(1112°F)
- Power input: **400Watt**
- Supply Voltage: 230V-50Hz
- Highly flexible cable, length 2mtr (option 3mtr. max)
- Easy replacement of blades
- Weight 6900 gram (incl. bladeholder M)

The HSGM industrial cable cutter comes incl.

- Heat cutter incl. cable (2 or 3m)
- 1 x **C-180-ETC Heavy Duty blade** (extra strong blade) for thick cables



The HSGM industrial cable cutter is a very powerful professional heat cutter intended for continuous operation. Designed specifically for the maritime sector. This Heavy Duty cutter easily cuts through heavy cables (e.g. Dyneema cables) with a very large diameter.

HSGM industrial cable cutter - Item No: **25.1.020** (incl. 2m cable)
HSGM industrial cable cutter - Item No: **25.1.030** (incl. 3m cable)

The following blades are sold separately and fit the HSGM industrial cable cutter
See specifications below

Item No: **25.2.010**



Blade C-70, blade length 70mm

Item No: **25.2.020**



Blade C-100, blade length 100mm

Item No: **25.2.030**



Blade C-140, blade length 140mm

Item No: **25.2.031**



Blade C-160, blade length 160mm

Item No: **25.2.041**



Blade C-180-ETC Heavy Duty
blade length 180mm



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HSGM
Heißschneide- Geräte und -Maschinen GmbH

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 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



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**Worldwide Distributor
of
HSGM & CWT heat cutting equipment
&
ENGEL transformers - power supplies
&
CWT veterinary medical instruments**

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