



CONNECTOR

WORLD TRADE

**HEAT CUTTING EQUIPMENT & SEALERS FOR
SYNTHETIC FABRIC, TEXTILE, MATERIAL**





Heat cutting Equipment & Sealers for synthetic fabric

HSGM HSG-3-Therm

- Stand-by temperature
- Continuous operation
- Adjustable working temperature till max. 600 °C
- Therefore quicker operation
- Supply voltage: 230V - 50Hz
- Power input: 500Watt
- Supply cord: 2mtr with EU-plug
- Illuminated rocker switch
- Highly flexible cable: 2mtr (option 3 or 5mtr)
- Weight 11,7 kg
- Dimension: 300x185x170mm
- Easy replacement of blades

The HSGM HSG-3-Therm comes incl.

- 1 x R-Therm blade
- Manual



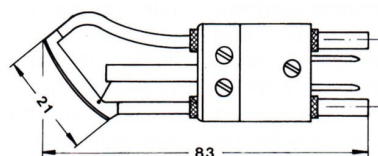
The HSGM HSG-3-Therm is a professional thermal cutter for continuous cutting and edge sealing of very fine and delicate synthetic fabric.

The selected working temperature is maintained constantly through a temperature control system.

HSGM HSG-3-Therm Item. No: 24.1.551

The following blades are sold separately and fit the HSG-3-Therm
See specifications below

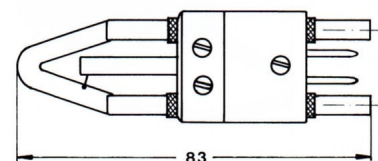
Item. No: 24.3.560



R-Therm blade

Application: To cut and seal the edges of very fine & delicate synthetic fabric. Cutting surface 21mm.

Item. No: 24.3.561



V-Therm blade

Application: To cut and seal the edges of very fine & delicate synthetic fabric. Blade sharpened at both sides.



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Heat cutting Equipment & Sealers for synthetic fabric

HSGM HSG-MK-S1-2.4/020

- Heat up time 6-8sec
- continuous operation
- Stand-by temperature
- Adjustable working temperature till max. 600 °C
- Supply voltage: 230V - 50Hz
- Power input: 55Watt
- Supply cord: 2mtr with EU-plug
- The flexible cable from the unit to the blade holder is 2mtr
- Weight 2,7 kg
- Dimension: 160x160x122mm
- Easy replacement of blades

The HSGM
HSG-MK-S1-2.4/020
comes incl.
Manual
Blade not included



The HSGM HSG-MK-S1-2.4/020 is a compact professional thermal cutter, specially designed to cut curves & shapes in very fine and delicate synthetic fabric such as curtain, net curtain, lace and other fabrics in the textile industry.

HSGM HSG-MK-S1-2.4/020 Item No: 24.1.640

The parts/blades mentioned below are sold separately and fit the
HSG-MK-S1-2.4/020
See specifications below

Item No: 24.1.661



MK-S1-105 Blade holder

Specification: : Blade holder incl. 2 meter cable, Length = 105mm.



Heat cutting Equipment & Sealers for synthetic fabric

Item No: 24.3.575



MK-S1 blade

Application: to cut curves & shapes in very fine and delicate synthetic fabric

Item No: 24.3.576



MK-S1-N blade

Application: to cut curves & shapes in very fine and delicate synthetic fabric

Item No: 24.3.577



MK-S1-D blade

Application: to cut curves & shapes in very fine and delicate synthetic fabric



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Heat cutting Equipment & Sealers for synthetic fabric

HSGM INDUSTRIAL SEALER

- Continuous operation
- Stand-by temperature
- Adjustable working temperature till max. 600 °C
- Supply voltage: 230Volt - 50Hz
- Power input: **350Watt**
- Supply cord: 2mtr with Euro-plug
- The flexible cable from the unit to the handle is 2mtr.
- Weight 12 kg
- Dimension: 300x185x170mm
- Easy replacement of the heating forks

The HSGM industrial sealer comes incl.

- 1 KS-1 fork, select type: A, B or C
- Manual



The HSGM industrial edge seal device is a professional thermal sealer, specially designed to seal the borders of felts, wet felts, textile and other heavier woven synthetic fabrics on stretcher machines and calender machines. By holding the "heating fork" to the fabric edge seal, the material on this side is sealed.

HSGM industrial sealer Item No: 24.1.645

The heating forks shown below are sold separately and fit the HSG-KSM-2
See specifications below

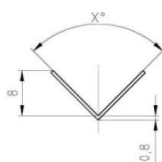
Heating Fork type KS-1:

KS-1-A Fork
Item No: **24.3.580**

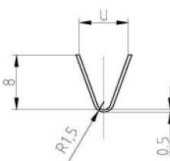
KS-1-B Fork
Item No: **24.3.581**

KS-1-C Fork
Item No: **24.3.582**

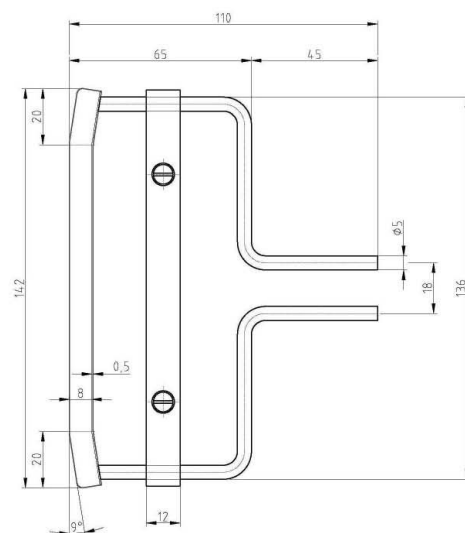
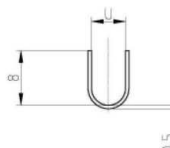
Construction A



Construction B



Construction C





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Heat cutting Equipment & Sealers for synthetic fabric

HSGM INDUSTRIAL HEAVY DUTY SEALER

- Continuous operation
- Stand-by temperature
- Adjustable working temperature till max. 600 °C
- Supply voltage: 230Volt - 50Hz
- Power input: **900Watt**
- Supply cord: 2mtr with Euro-plug
- The flexible cable from the unit to the handle is 3mtr.
- Weight 28 kg
- Dimension: 400x300x200mm
- Easy replacement of the heating forks

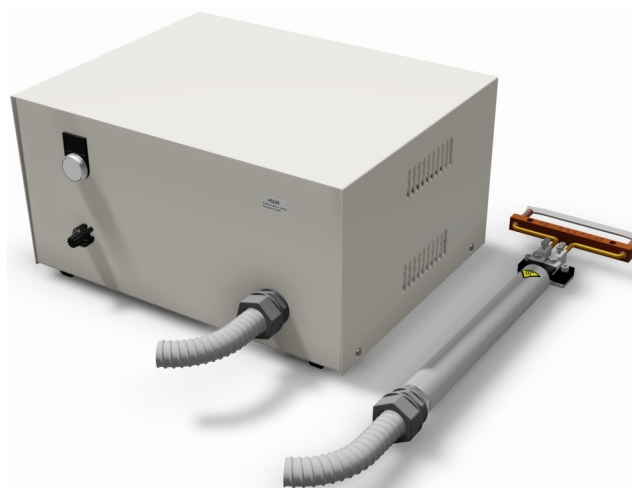
The
HSGM industrial
heavy duty sealer
comes incl.

- 1 KS-1 fork, select type: A, B or C
- Manual

KS-1-A Fork
Item No: **24.3.580**

KS-1-B Fork
Item No: **24.3.581**

KS-1-C Fork
Item No: **24.3.582**



The HSGM industrial Heavy Duty edge seal device is a heavy professional thermal sealer, specially designed to seal the borders of felts, wet felts, textile and other heavier woven synthetic fabrics on stretcher machines and calender machines. By holding the "heating fork" to the fabric edge seal, the material on this side is sealed.

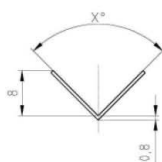
In addition to the type of forks below, it is also possible to design the construction and dimensions of the heating fork to your specific wishes.

HSGM industrial Heavy Duty sealer - Item No: 24.1.650

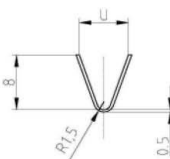
The heating forks shown below are sold separately and fit the
HSG-KSM-1
See specifications below

Heating Fork type KS-1:

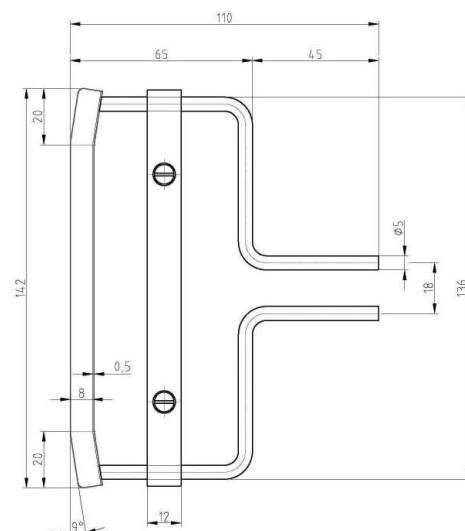
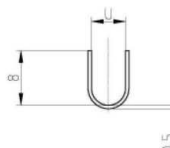
Construction A



Construction B



Construction C





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Heat cutting Equipment & Sealers for 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

De HSGM HSG-0 comes incl.

- 1 x R-blade
- Suspension hook
- Manual

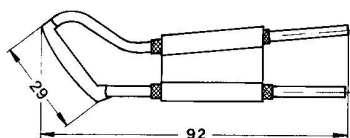


The HSGM HSG-0 is a heat cutter designed to cut & seal the edges of synthetic fabric, such as textile fabric, curtains, net curtain, awning cloth, woven felts, filter fabric, sail, foil etc.

HSGM HSG-0 Item. No: 24.1.010

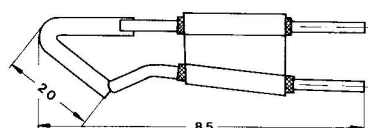
The following blades are sold separately and fit the HSG-0 see specifications below.

Item No: 24.3.030



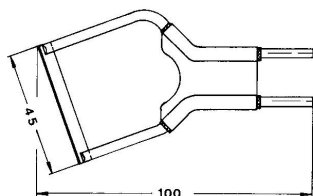
R blade

Item No: 24.3.120



V blade

Item No: 24.3.060



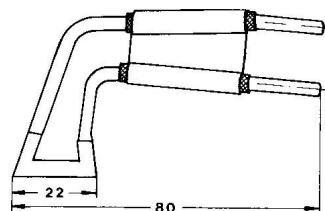
F-2 blade



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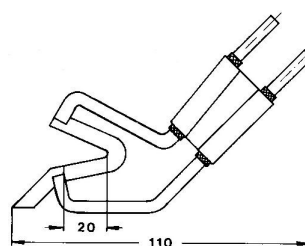
Heat cutting Equipment & Sealers for synthetic fabric

Item No. 24.3.070



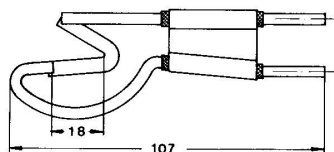
F-3 blade

Item No. 24.3.090



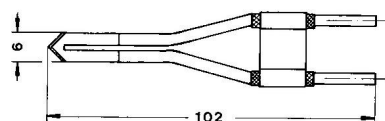
HS-S blade

Item No. 24.3.220



HS-SG blade

Item No. 24.3.010



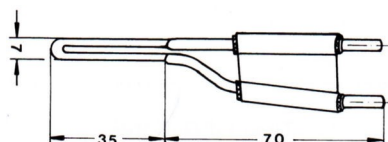
HSO-N blade

Item No. 24.3.130



H blade

Item No. 24.3.080



C blade

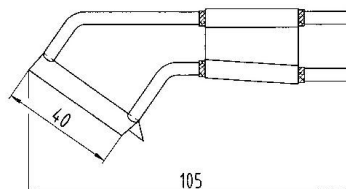


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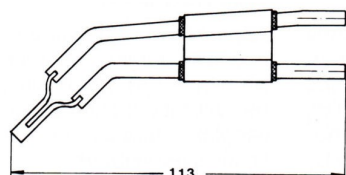
Heat cutting Equipment & Sealers for synthetic fabric

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

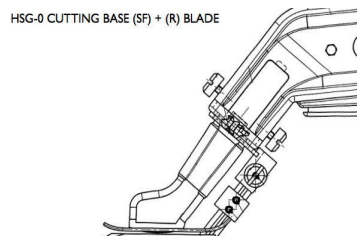


RU blade
 Size Ø 3-12mm

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 Fabric Cutter

CWT Cordless Fabric 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 Fabric 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/land 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 fabrics such as textile cloth, nylon, filter fabric, felt, marquis cloth, curtain, net curtain, upholstery fabric, interior fabric, foil, nets and plastics used in the agricultural and horticultural sector and all other kinds of synthetic fabrics, but also other synthetic materials as rope, cable, dyneema, sail, nets, cords, belts, straps etc.

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 Fabric Cutter Item No. 24.1.025



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Connector World Trade - Cordless Fabric Cutter

The items below are sold separately & fit the
CWT Cordless Fabric 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**

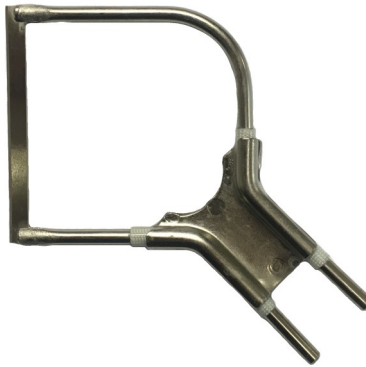


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Connector World Trade - Cordless Fabric Cutter

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

**The items below are sold separately & fit the
CWT Cordless Fabric 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**



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Heat cutting Equipment & Sealers for 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

De HSG-0-Electronic
comes incl.

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

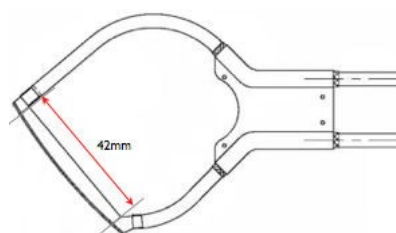
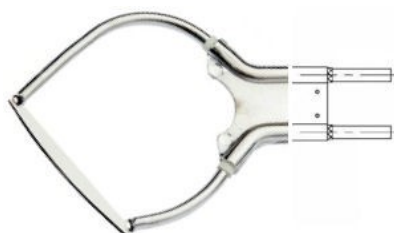


The HSGM HSG-0-Electronic is a comfortable, very light heat-cutter suitable to cut & seal the edges of synthetic fabric, such as textile fabric, curtains, net curtain, awning cloth, woven felts, sail, filter fabric, cloth, foil etc.

HSGM HSG-0-Electronic Item No. 24.1.030

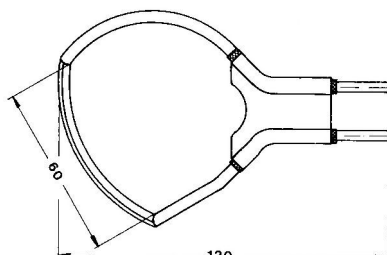
The following blades are sold separately and fit the HSG-0-Electronic see specifications below.

Item No. 24.3.050



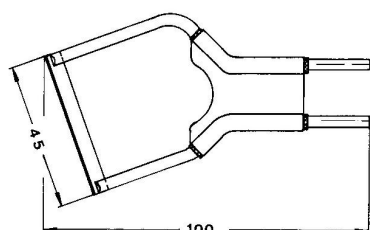
R-50 blade

Item No. 24.3.040



R-1 blade

Item No. 24.3.060



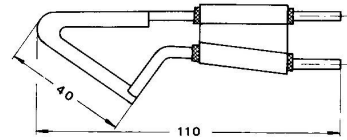
F-2 blade



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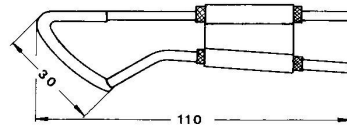
Heat cutting Equipment & Sealers for synthetic fabric

Item No. 24.3.500



VST blade

Item No. 24.3.501



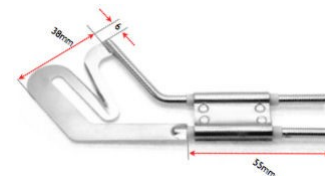
STA blade

Item No. 24.3.091



HS-S-15 blade

Item No. 24.3.093



HS-S-15-F blade



Heat cutting equipment for rope & synthetic fabric

HSGM Heavy Duty fabric 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

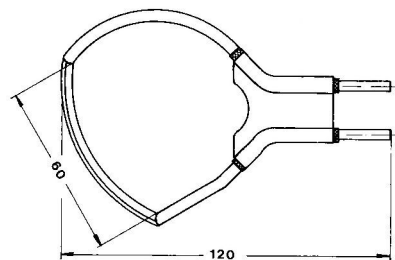


The HSGM Heavy Duty fabric cutter is a professional thermal "Heavy Duty" fabric cutter. Designed to cut & seal heavy woven & non-woven synthetic fabrics in one simple operation. Such as textile fabrics, polyester cloth, nylon cloth, felt, Dyneema fabrics, interior fabrics, upholstery fabrics, awning fabric, sun protection fabrics, filter fabrics, outdoor fabrics, windshield fabric, shade cloth, agricultural & horticultural fabric, fencing net, sail, tarpaulin, sail cloth, boat cover, tent fabric, etc. This cutter is equipped with a temperature control and an overload protection function.

HSGM Heavy Duty fabric cutter - Item No. 24.1.043

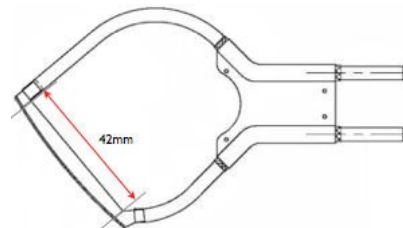
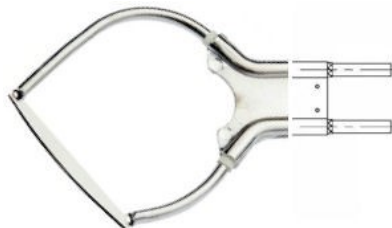
The following blades are sold separately and fit the HSGM Heavy Duty fabric cutter see specifications below.

Item No. 24.3.040



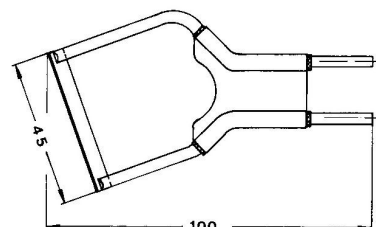
R-1 blade

Item No. 24.3.050



R-50 blade

Item No. 24.3.060



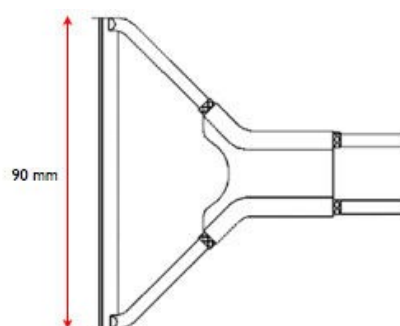
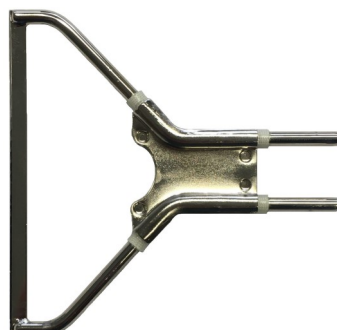
F-2 blade



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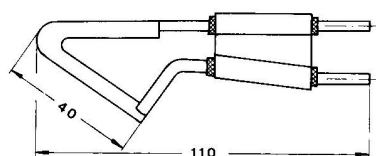
Heat cutting Equipment & Sealers for synthetic fabric

Item No. 24.3.400



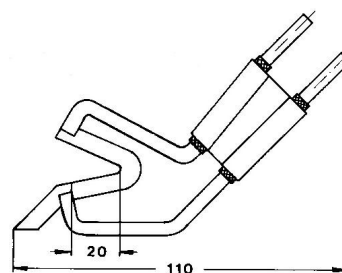
G-90 blade

Item No. 24.3.500



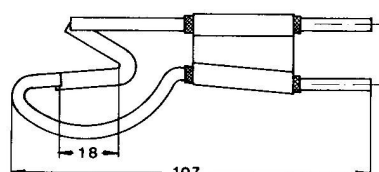
VST blade

Item No. 24.3.090



HS-S blade

Item No. 24.3.220



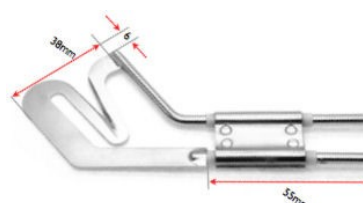
HS-SG blade

Item No. 24.3.091

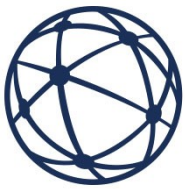


**HS-S-15
blade**

Item No. 24.3.093



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



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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:

Rope & sail cutting equipment
Industrial cutting equipment
Styrofoam 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
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&
ENGEL transformers - power supplies
&
CWT veterinary medical instruments**

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