



CONNECTOR

WORLD TRADE

INDUSTRIAL HEAT CUTTING EQUIPMENT FOR SYNTHETIC MATERIAL





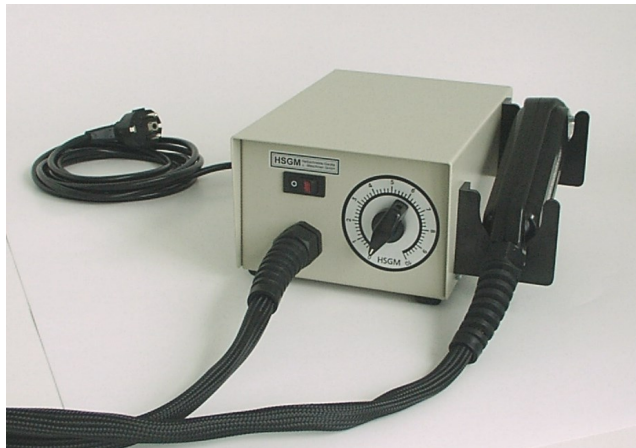
CONNECTOR
WORLD TRADE

HSGM
Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

HSGM HSG-1-VW

- Heat up time 6-8 sec
- Continuous operation
- Adjustable working temperature till max. 600 °C
- Supply Voltage: 230V - 50Hz
- Power Input: 160Watt
- The flexible cable from the unit to the bladeholder is 2mtr
- Illuminated rocker switch
- Supply cord 2mtr with EU-plug
- Weight 6,1 kg
- Dimension: 155x220x105mm
- Easy replacement of blades
- Incl. manual

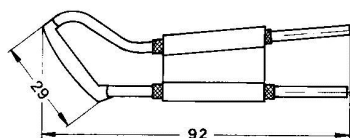


The HSGM HSG-1-VW is a professional, compact thermal cutter designed to cut & seal synthetic material such as rope, cable, Dyneema, bands, cords, belts, straps, sail, fishnets, curtain, net curtain, awning cloth, felts, foil, textile fabric, filter fabric, GEotextile etc. Specially designed for production work.

HSGM HSG-1-VW Item. No: 24.1.610

The following blades are sold separately and fit the HSG-1-VW
See specification below.

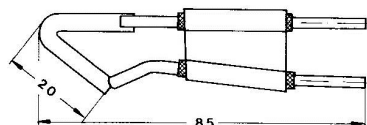
Item. No: 24.3.030



R blade

Application: strong blade to cut rope, cords, belts, bands and strong/thick synthetic fabric suitable to cut large quantities. The most commonly used blade!
Blade length: 29mm.

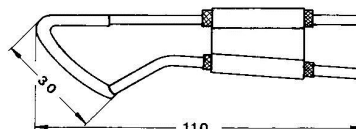
Item. No: 24.3.120



V blade

Application: blade for synthetic fabric, rope, cords, belts etc.
Blade length: 20mm, sharpened on both sides.

Item. No: 24.3.501



STA blade

Application: blade for synthetic fabric, rope, cords, belts etc.
Blade length: 30mm, sharpened on both sides.

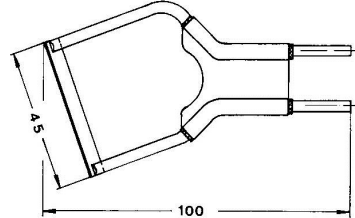


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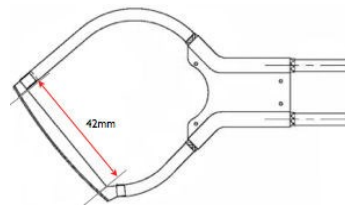
Item. No: 24.3.060



F-2 blade

Application: to cut & seal strong/thick synthetic material, such as rope, cords, cable, fishnets, belts, sail, awning cloth, foil, felts etc. Length blade 45mm.

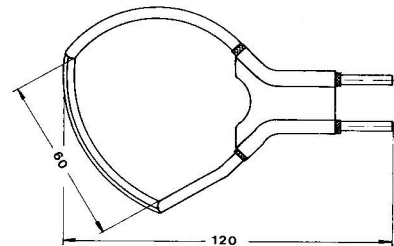
Item. No: 24.3.050



R-50 blade

Application: to cut & seal strong/thick synthetic material, such as rope, cords, cable, fishnets, belts, sail, awning cloth, foil, felts etc. Length blade 50mm.

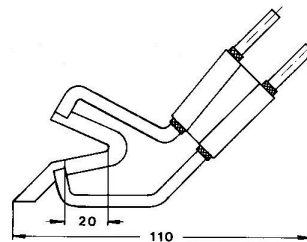
Item. No: 24.3.040



R-1 blade

Application: to cut & seal strong/thick synthetic material, such as rope, cords, cable, fishnets, belts, sail, awning cloth, foil, felts etc. Length blade 70mm.

Item. No: 24.3.090



HS-S blade

Application: to cut & seal large surfaces of strong synthetic fabric, such as: sail, cloth, foil, awning cloth, textile fabric, felts etc.

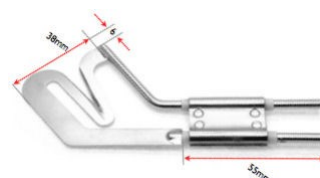
Item. No: 24.3.091



HS-S-15 blade

Application: to cut & seal large surfaces of strong synthetic fabric, such as: sail, cloth, foil, awning cloth, textile fabric, felts etc.

Item. No: 24.3.093



HS-S-15-F blade

Application: to cut & seal large surfaces of strong synthetic fabric, such as: sail, cloth, foil, awning cloth, textile fabric, felts etc.

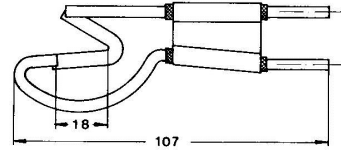


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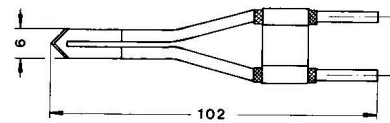
Item. No: 24.3.220



HS-SG blade

Application: to cut & seal large surfaces of strong synthetic fabric, such as: sail, cloth, foil, awning cloth, textile fabric, felts etc.

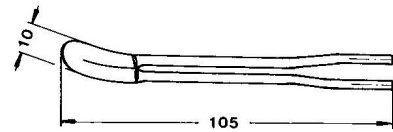
Item. No: 24.3.010



HSO-N blade

Application: to cut & seal fine/delicate fabric, thin cords, straps, rope etc.

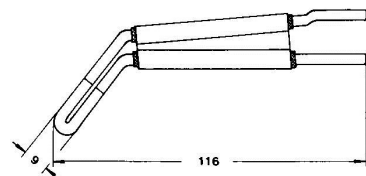
Item. No: 24.3.130



H blade

Application: sealing element, not designed to cut!
To seal edges of material/fabric so it will not fray.

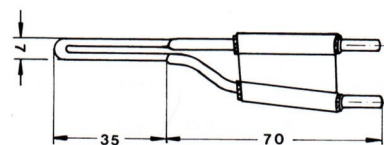
Item. No: 24.3.129



HG blade

Application: cutting blade, sharpened on both sides, e.g. to remove threads from bobbins and small packages.

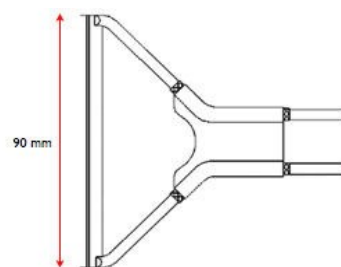
Item. No: 24.3.080
Item. No: 24.3.081



C blade = 35mm
C-1 blade = 60mm

Application: cutting blade, sharpened on both sides.

Item. No: 24.3.400



G-90 blade

Application: to cut & seal rope, cords, cable, belts etc. with a large diameter/width, length blade = 90mm.



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Item. No: 24.3.092

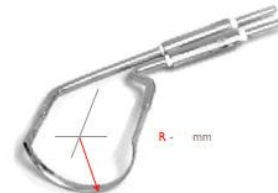


KM fork



Application: thermal fork to seal the borders of woven felts and heavier synthetic fabric. To prevent fraying!
Also, for the rapid fixing of two or more layers of synthetic fabric (merge).
Size fork: LxBxD = 40x4x7mm.

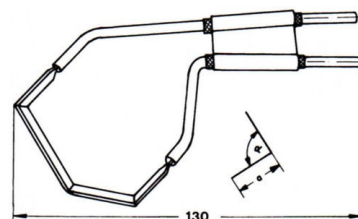
Item. No: 24.3.250



HR blade

Application: blade to cut a semi-circle, R = max. 30mm.
Contact us for "smaller sizes" to your preference.

Item. No: 24.3.270



WI blade

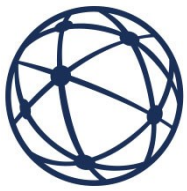
Application: blade to cut out, a "right" angle, Length: a = max. 50mm
Angle: R = min. 15° - max 180°
Contact us for "smaller sizes" to your preference.

Item. No: 24.3.100



**SFW cutting foot
exclusive R blade**

Application:
To cut synthetic fabric.
Guides the fabric when there is no cutting surface available.
The SFW cutting foot fits the M-bladeholder (R-blade not included!)

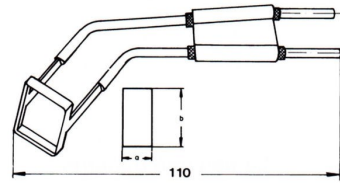
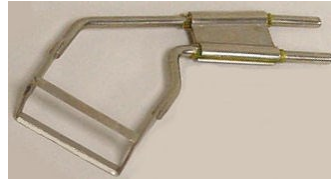


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HSGM Industrial thermal cutters for synthetic material

Item. No: 24.3.300



RE blade

a = min 4 mm
b = min 8 mm
a = max 100 mm
b = max 110 mm

**Rectangular blade to cut & seal synthetic fabric.
On request, we can produce different sizes of blades.**

In both type "1" as type "2"

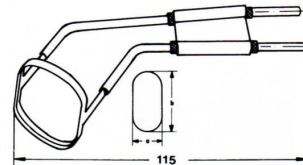
Please specify your size!

Length = a = min. 8mm / max. 110mm

Width = b = min. 4mm / max. 100mm

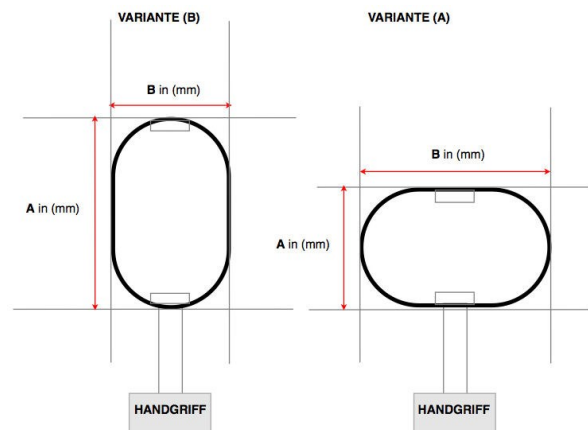
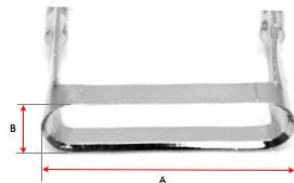


Item. No: 24.3.180



OV blade

a = min 3 mm
b = min 4 mm
a = max 100 mm
b = max 150 mm



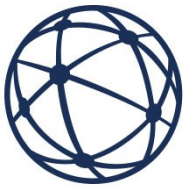
**Oval blade to cut & seal synthetic fabric.
On request, we can produce different sizes of blades.**

In both type "A" as type "B".

Please specify your size!

Length = a = min. 4mm / max. 150mm

Width = b = min. 3mm / max 100mm



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Item. No: 24.3.179



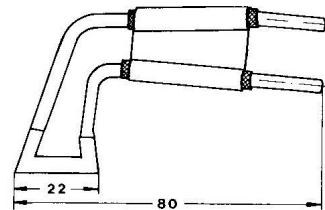
Rundschnide RU
d = Durchmesser



RU blade

Application: blade for cutting out a circle, $d = \max. \varnothing 50\text{mm}$.
On request, we can produce "smaller sizes" of blades.

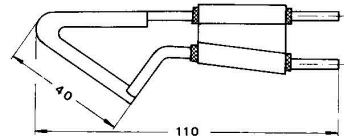
Item. No: 24.3.070



F-3 blade

Application: to cut & seal synthetic material, e.g. rope, cords, belts, sail etc.
Length blade 22mm.

Item. No: 24.3.500



VST blade

Application: to cut & seal large surfaces of strong/thick synthetic material.
e.g. sail, awning, cloth, canvas but also rope, cords, belts etc.
Sharpened on both sides. Length blade 40mm.

Item. No: 24.3.094



HS-S-V blade

Application: suitable for making long cuts (and sealing) in synthetic fabric
of the "role", such as: sail, tarpaulin, canvas, awning etc.
But also to cut rope, cords, belts etc. Sharpened on both sides



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HSGM HSG-03-VW

- Heat up time 6-8 sec
- Continuous operation
- Adjustable working temperature till max. 600 °C
- All this makes it possible to work faster
- Supply Voltage: 230V - 50Hz
- Power input: 250Watt
- The flexible cable from the unit to the bladeholder is 2mtr (option 3mtr)
- Illuminated rocker switch
- Supply cord 2mtr with EU-plug
- Weight 6,1 kg
- Dimension: 155x220x105mm
- Easy replacement of blades
- Incl. manual

Item. No: 24.3.030

Item. No: 24.3.120

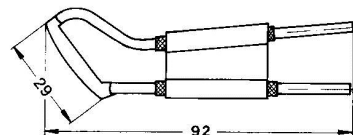
Item. No: 24.3.501



The HSGM HSG-03-VW is a professional, compact thermal cutter designed to cut & seal synthetic material such as rope, cable, Dyneema, bands, cords, belts, straps, sail, fishnets, curtain, net curtain, awning cloth, felts, foil, textile fabric, filter fabric, GEotextile etc. Specially designed for production work.

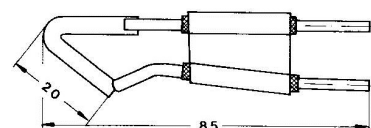
HSGM HSG-03-VW Item. No: 24.1.620

The following blades are sold separately and fit the HSG-03-VW
See specification below.



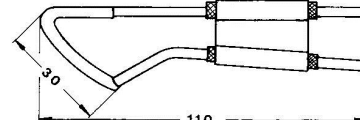
R blade

Application: strong blade to cut rope, cords, belts, bands and strong/thick synthetic fabric suitable to cut large quantities. The most commonly used blade!
Blade length: 29mm.



V blade

Application: blade for synthetic fabric, rope, cords, belts etc.
Blade length: 20mm, sharpened on both sides.



STA blade

Application: blade for synthetic fabric, rope, cords, belts etc.
Blade length: 30mm, sharpened on both sides.

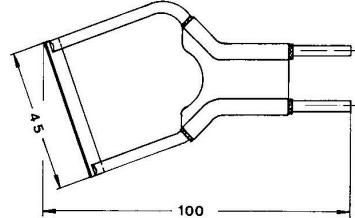


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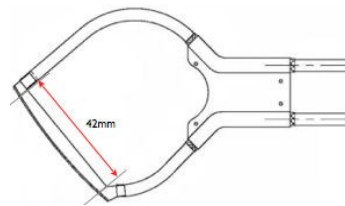
Item. No: 24.3.060



F-2 blade

Application: to cut & seal strong/thick synthetic material, such as rope, cords, cable, fishnets, belts, sail, awning cloth, foil, felts etc. Length blade 45mm.

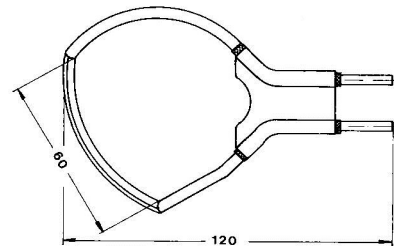
Item. No: 24.3.050



R-50 blade

Application: to cut & seal strong/thick synthetic material, such as rope, cords, cable, fishnets, belts, sail, awning cloth, foil, felts etc. Length blade 50mm.

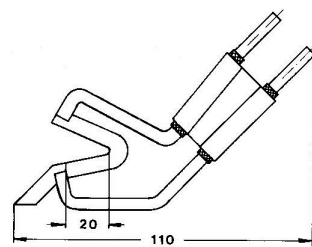
Item. No: 24.3.040



R-1 blade

Application: to cut & seal strong/thick synthetic material, such as rope, cords, cable, fishnets, belts, sail, awning cloth, foil, felts etc. Length blade 70mm.

Item. No: 24.3.090



HS-S blade

Application: to cut & seal large surfaces of strong synthetic fabric, such as: sail, cloth, foil, awning cloth, textile fabric, felts etc.

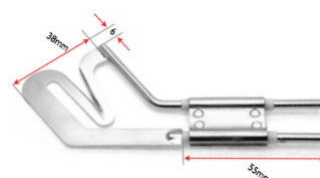
Item. No: 24.3.091



HS-S-15 blade

Application: to cut & seal large surfaces of strong synthetic fabric, such as: sail, cloth, foil, awning cloth, textile fabric, felts etc.

Item. No: 24.3.093



HS-S-15-F blade

Application: to cut & seal large surfaces of strong synthetic fabric, such as: sail, cloth, foil, awning cloth, textile fabric, felts etc.

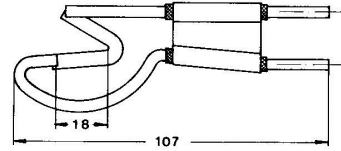


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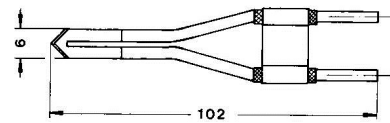
Item. No: 24.3.220



HS-SG blade

Application: to cut & seal large surfaces of strong synthetic fabric, such as: sail, cloth, foil, awning cloth, textile fabric, felts etc.

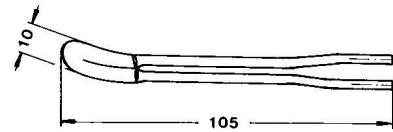
Item. No: 24.3.010



HSO-N blade

Application: to cut & seal fine/delicate fabric, thin cords, straps, rope etc.

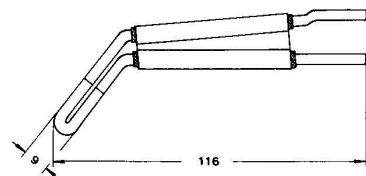
Item. No: 24.3.130



H blade

Application: sealing element, not designed to cut!
To seal edges of material/fabric so it will not fray.

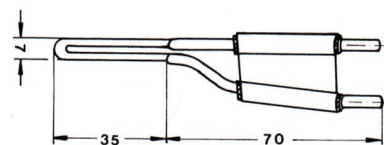
Item. No: 24.3.129



HG blade

Application: cutting blade, sharpened on both sides, e.g. to remove threads from bobbins and small packages.

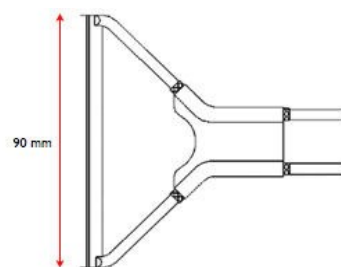
Item. No: 24.3.080
Item. No: 24.3.081



C blade = 35mm
C-1 blade = 60mm

Application: cutting blade, sharpened on both sides.

Item. No: 24.3.400



G-90 blade

Application: to cut & seal rope, cords, cable, belts etc. with a large diameter/width, length blade = 90mm.



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Item. No: 24.3.092



KM fork



Application: thermal fork to seal the borders of woven felts and heavier synthetic fabric. To prevent fraying!
Also, for the rapid fixing of two or more layers of synthetic fabric (merge).
Size fork: LxBxD = 40x4x7mm.

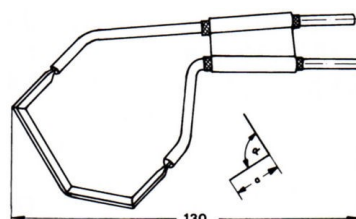
Item. No: 24.3.250



HR blade

Application: blade to cut a semi-circle, R = max. 30mm.
Contact us for "smaller sizes" to your preference.

Item. No: 24.3.270



WI blade

Application: blade to cut out, a "right" angle: a = max. 50mm
angle: R = min. 15° - max 180°
Contact us for "smaller sizes" to your preference.

Item. No: 24.3.100



**SFW cutting foot
exclusive R blade**

Application:
To cut synthetic fabric.
Guides the fabric when there is no cutting surface available.
The SFW cutting foot fits the M-bladeholder (R-blade not included!)

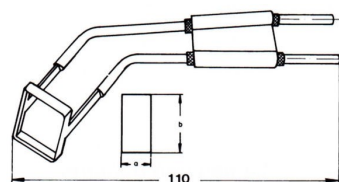
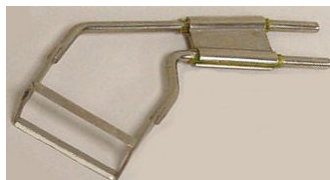


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Item. No: 24.3.300



RE blade

a = min 4 mm
b = min 8 mm
a = max 100 mm
b = max 110 mm

**Rectangular blade to cut & seal synthetic fabric.
On request, we can produce different sizes of blades.**

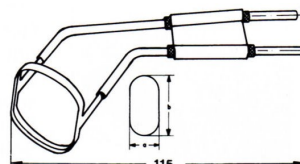
In both type "1" as type "2"

Please specify your size!

Length = a = min. 8mm / max. 110mm

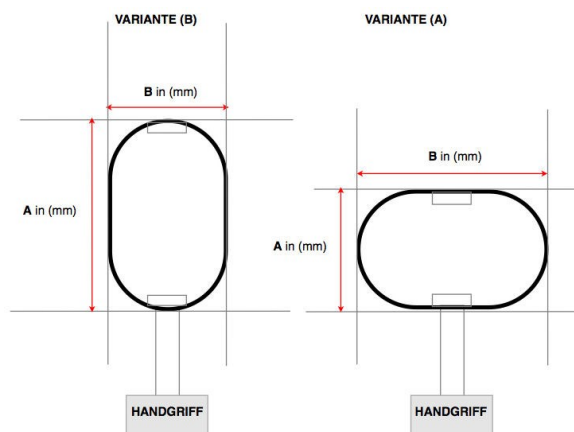
Width = b = min. 4mm / max. 100mm

Item. No: 24.3.180



OV blade

a = min 3 mm
b = min 4 mm
a = max 100 mm
b = max 150 mm



**Oval blade to cut & seal synthetic fabric.
On request, we can produce different sizes of blades.**

In both type "A" as type "B".

Please specify your size!

Length = a = min. 4mm / max. 150mm

Width = b = min. 3mm / max 100mm



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Item. No: 24.3.179



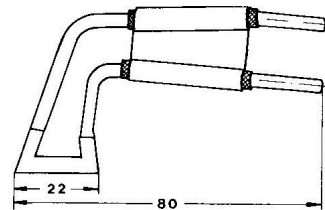
Rundschnide RU
d = Durchmesser



RU blade

Application: blade for cutting out a circle, d = max. Ø 50mm.
On request, we can produce "smaller sizes" of blades.

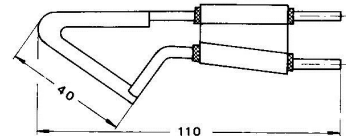
Item. No: 24.3.070



F-3 blade

Application: to cut & seal synthetic material e.g. rope, cords, belts, sail etc.
Length blade 22mm.

Item. No: 24.3.500



VST blade

Application: to cut & seal large surfaces of strong/thick synthetic material
e.g. sail, awning, cloth, canvas but also rope, cords, belts etc.
Sharpened on both sides. Length blade 40mm.

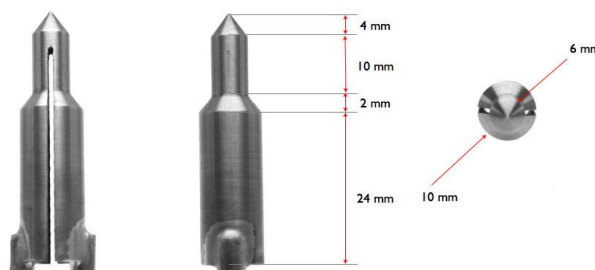
Item. No: 24.3.094



HS-S-V blade

Application: suitable for making long cuts (and sealing) in synthetic fabric
of the "role", such as: sail, tarpaulin, canvas, awning etc.
But also to cut rope, cords, belts etc. Sharpened on both sides.

Item. No: 24.3.550



RUK blade

Application: custom made blade - circular wedge phased blade. (see photos)
Point phase 1 = Ø 6mm - length 10mm
phase 2 = Ø 10mm - length 24mm



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Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

HSGM HSG-3-VW

- Heat up time 6-8 sec
- Continuous operation
- Adjustable working temperature till max. 600 °C
- All this makes it possible to work faster
- Supply Voltage: 230V - 50Hz
- Power input: 500Watt
- The flexible cable from the unit to the bladeholder is 2mtr (option 3/5mtr)
- Illuminated rocker switch
- Supply cord 2mtr with EU-plug
- Weight 13 kg
- Dimension: 300x185x170mm
- Easy replacement of blades
- Incl. manual

Item. No: 24.3.030

Item. No: 24.3.120

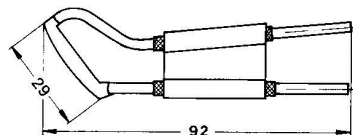
Item. No: 24.3.501



The HSGM HSG-3-VW
is a professional powerful thermal cutter designed to cut & seal synthetic material such as rope, cable, Dyneema, bands, cords, belts, straps, sail, fishnets, curtain, net curtain, awning cloth, felts, foil, textile fabric, filter fabric, GEotextile etc.
Specially designed for production work.

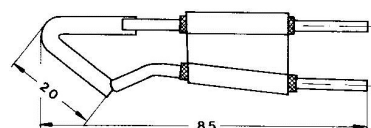
HSGM HSG-3-VW Item. No: 24.1.550

The following blades are sold separately and fit the HSG-3-VW
See specification below.



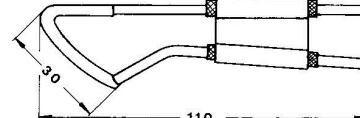
R blade

Application: strong blade to cut rope, cords, belts, bands and strong/thick synthetic fabric suitable to cut large quantities. The most commonly used blade!
Blade length: 29mm.



V blade

Application: blade for synthetic fabric, rope, cords, belts etc.
Blade length: 20mm, sharpened on both sides.



STA blade

Application: blade for synthetic fabric, rope, cords, belts etc.
Blade length: 30mm, sharpened on both sides.

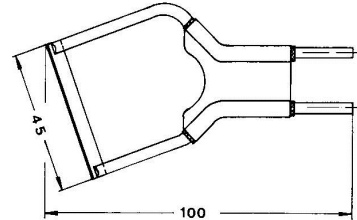


CONNECTOR
WORLD TRADE

HSGM
Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

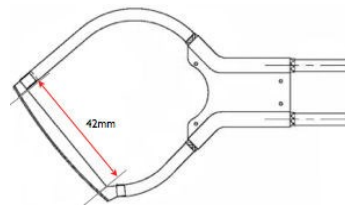
Item. No: 24.3.060



F-2 blade

Application: to cut & seal strong/thick synthetic material, such as rope, cords, cable, fishnets, belts, sail, awning cloth, foil, felts etc. Length blade 45mm.

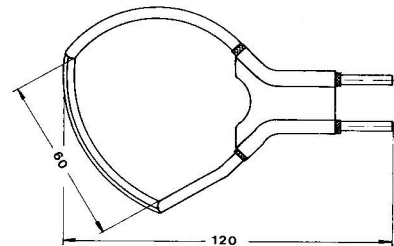
Item. No: 24.3.050



R-50 blade

Application: to cut & seal strong/thick synthetic material, such as rope, cords, cable, fishnets, belts, sail, awning cloth, foil, felts etc. Length blade 50mm.

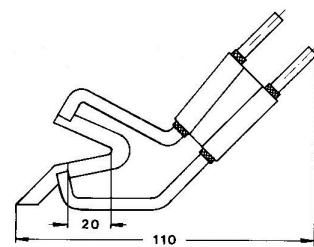
Item. No: 24.3.040



R-1 blade

Application: to cut & seal strong/thick synthetic material, such as rope, cords, cable, fishnets, belts, sail, awning cloth, foil, felts etc. Length blade 70mm.

Item. No: 24.3.090



HS-S blade

Application: to cut & seal large surfaces of strong synthetic fabric, such as: sail, cloth, foil, awning cloth, textile fabric, felts etc.

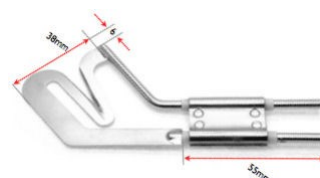
Item. No: 24.3.091



HS-S-15 blade

Application: to cut & seal large surfaces of strong synthetic fabric, such as: sail, cloth, foil, awning cloth, textile fabric, felts etc.

Item. No: 24.3.093



HS-S-15-F blade

Application: to cut & seal large surfaces of strong synthetic fabric, such as: sail, cloth, foil, awning cloth, textile fabric, felts etc.

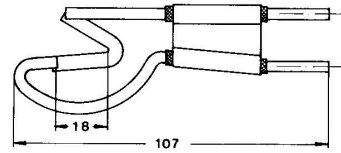


CONNECTOR
WORLD TRADE

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HSGM Industrial thermal cutters for synthetic material

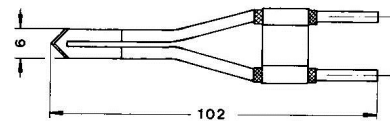
Item. No: 24.3.220



HS-SG blade

Application: to cut & seal large surfaces of strong synthetic fabric, such as: sail, cloth, foil, awning cloth, textile fabric, felts etc.

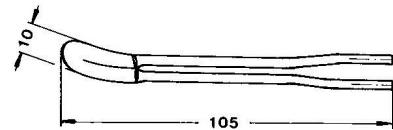
Item. No: 24.3.010



HSO-N blade

Application: to cut & seal fine/delicate fabric, thin cords, straps, rope etc.

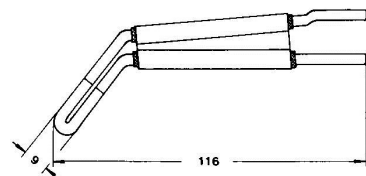
Item. No: 24.3.130



H blade

Application: sealing element, not designed to cut!
To seal edges of material/fabric so it will not fray.

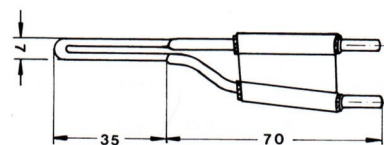
Item. No: 24.3.129



HG blade

Application: cutting blade, sharpened on both sides, e.g. to remove threads from bobbins and small packages.

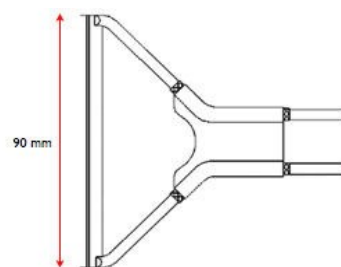
Item. No: 24.3.080
Item. No: 24.3.081



C blade = 35mm
C-1 blade = 60mm

Application: cutting blade, sharpened on both sides.

Item. No: 24.3.400



G-90 blade

Application: to cut & seal rope, cords, cable, belts etc. with a large diameter/width, length blade = 90mm.



CONNECTOR
WORLD TRADE

HSGM
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HSGM Industrial thermal cutters for synthetic material

Item. No: 24.3.092

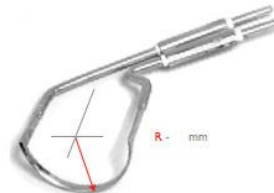


KM fork



Application: thermal fork to seal the borders of woven felts and heavier synthetic fabric. To prevent fraying!
Also, for the rapid fixing of two or more layers of synthetic fabric (merge).
Size fork: LxBxD = 40x4x7mm.

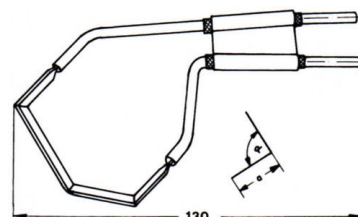
Item. No: 24.3.250



HR blade

Application: blade to cut a semi-circle, R = max. 30mm.
Contact us for "smaller sizes" to your preference.

Item. No: 24.3.270



WI blade

Application: blade to cut out, a "right" angle: a = max. 50mm
angle: R = min. 15° - max 180°
Contact us for "smaller sizes" to your preference.

Item. No: 24.3.100



**SFW cutting foot
exclusive R blade**

Application:
To cut synthetic fabric.
Guides the fabric when there is no cutting surface available.
The SFW cutting foot fits the M-bladeholder (R-blade not included!)

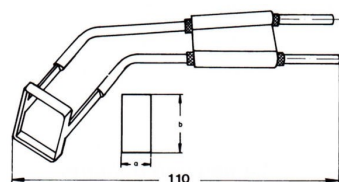
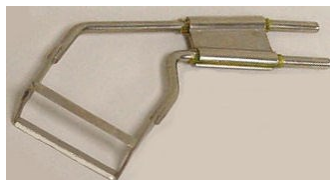


CONNECTOR
WORLD TRADE

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HSGM Industrial thermal cutters for synthetic material

Item. No: 24.3.300



RE blade

a = min 4 mm
b = min 8 mm
a = max 100 mm
b = max 110 mm



**Rectangular blade to cut & seal synthetic fabric.
On request, we can produce different sizes of blades.**

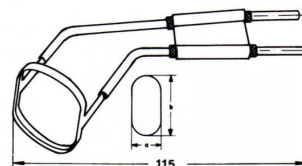
In both type "1" as type "2"

Please specify your size!

Length = a = min. 8mm / max. 110mm

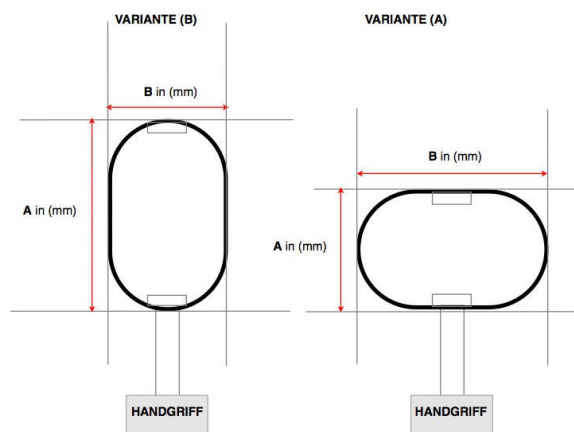
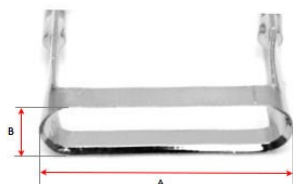
Width = b = min. 4mm / max. 100mm

Item. No: 24.3.180



OV blade

a = min 3 mm
b = min 4 mm
a = max 100 mm
b = max 150 mm



**Oval blade to cut & seal synthetic fabric.
On request, we can produce different sizes of blades.**

In both type "A" as type "B".

Please specify your size!

Length = a = min. 4mm / max. 150mm

Width = b = min. 3mm / max 100mm

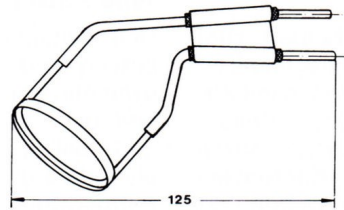


CONNECTOR
WORLD TRADE

HSGM
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HSGM Industrial thermal cutters for synthetic material

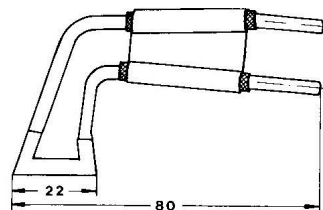
Item. No: 24.3.179



RU blade

Application: blade for cutting out a circle, $\varnothing = \text{max. } \varnothing 160\text{mm}$.
Contact us for "smaller sizes" to your preference.

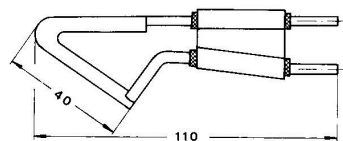
Item. No: 24.3.070



F-3 blade

Application: to cut & seal synthetic material e.g. rope, cords, belts, sail etc.
Length blade 22mm.

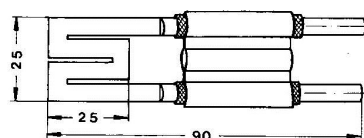
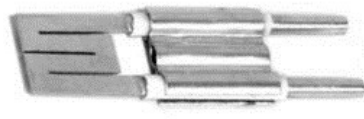
Item. No: 24.3.500



VST blade

Application: to cut & seal large surfaces of strong/thick synthetic material
e.g. sail, awning, cloth, canvas but also rope, cords, belts etc.
Sharpened on both sides. Length blade 40mm.

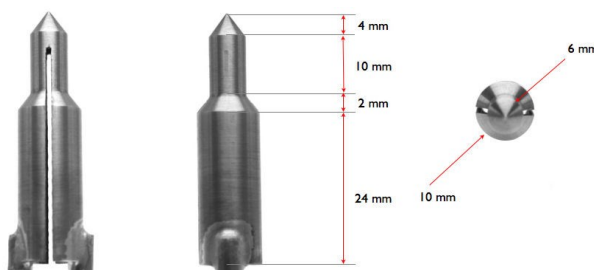
Item. No: 24.3.059



F blade

Application: Welding blade used to join rope, cords, cables. Length blade 25mm.

Item. No: 24.3.550



RUK blade

Application: custom made blade - circular wedge phased blade. (see photos)
Point phase 1 = $\varnothing 6\text{mm}$ - length 10mm
phase 2 = $\varnothing 10\text{mm}$ - length 24mm



CONNECTOR
WORLD TRADE

HSGM
Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

Item. No: 24.3.094



HS-S-V blade

Application: suitable for making long cuts (and sealing) in synthetic fabric of the "role", such as: sail, tarpaulin, canvas, awning etc. But also to cut rope, cords, belts etc. Sharpened on both sides.



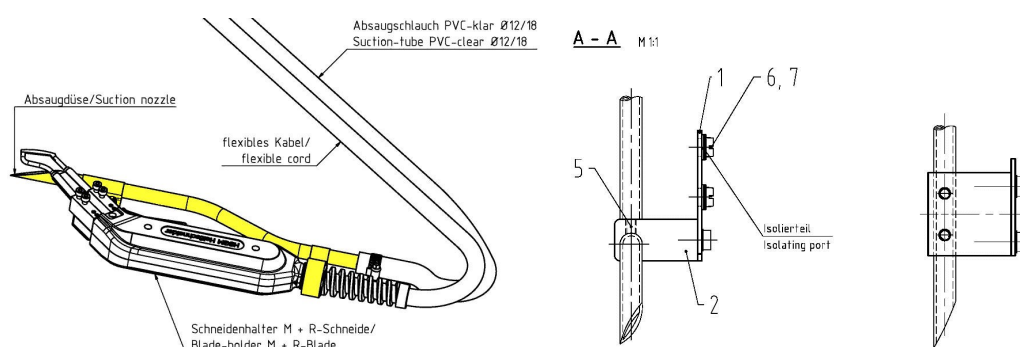
CONNECTOR
WORLD TRADE

HSGM
Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

**The Extraction nozzle ASV-M
for "bladeholder-M" Can only be mounted
on the following industrial HSGM heat cutters, type:
HSG-1-VW & HSG-03-VW & HSG-3-VW**

Item. No: 24.1.700



7	2	Stück	Zylinderschraube M4 x 8 lg.	DIN 912	verz.
6	2	Stück	Schnorscheibe Ø4,1		verz.
5	2	Stück	Gewindestift M4 x 4.	DIN 913	verz.
4	1	Stück	Absaugdüse für Absaugrohr	G13944-4 / 27 00 19 01 26	St.-Rohr
3	1	Stück	Rohrstück für Absaugung	G-13943-4	St.-Rohr
2	1	Stück	Klemmstück für Handgriff	G-13942-4	Messing
1	1	Stück	Grundplatte für Handgriff	G13941-4	VA
Pos.	Menge	Einheit	Benennung	Zeichnungs Nr./Artikel Nr.	Bemerkung
Maschinentyp			Freimaßtoleranzen	(Oberfl.)	Maßstab 1:1
Schneidehalter M			DIN 7168 mittel		Stückzahl: 1
HSG-1 / HSG-03 / HSG-3V			0,5-6 6-30 30-120		(Werkstoff, Halbzeug)
			±0,1 ±0,2 ±0,3		
			Datum	Name	
			Bearb. 04.09.2001	Al. Schmitz	
			Gepr.		
			Norm		
					ABSAUGUNG FÜR SCHNEIDENHALTER M
					HSG-ASV-M



CONNECTOR
WORLD TRADE

HSGM

Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

**The HSGM Vacuum pump ASP (with 3 suction ports)
can be mounted to the following industrial HSGM cutters, type:
HSG-1-VW & HSG-03-VW & HSG-3-VW**

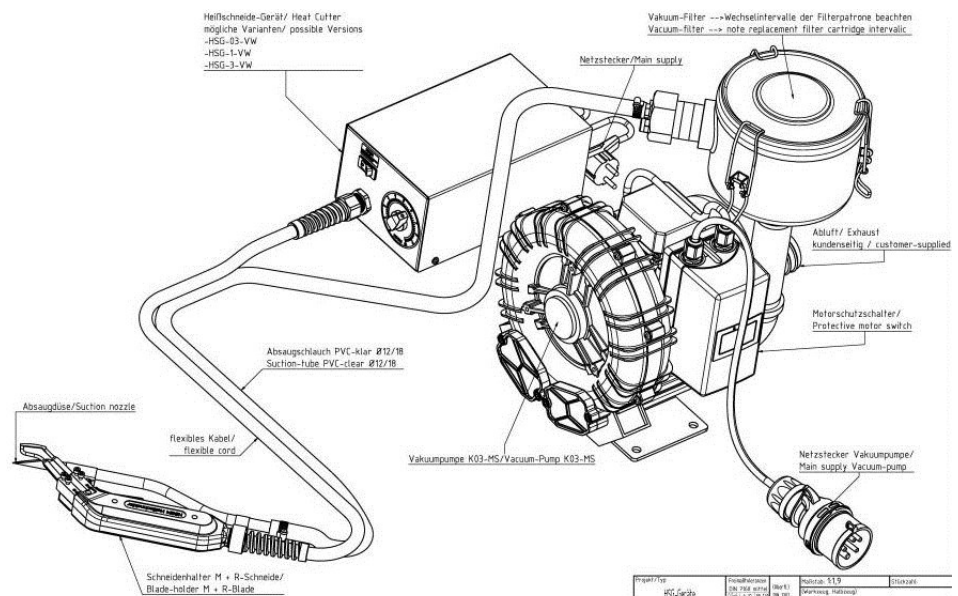
Item. No: 24.1.701

SETUP

**Vacuum pump ASP
mounted to a
HSGM industrial
thermal cutter
incl.
extraction nozzle
ASV-M**



**Technical drawing
of
the setup above**





CONNECTOR
WORLD TRADE

HSGM
Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

HSGM HSG-00

- Continuous operation
- Working temperature: 600 °C
- Supply Voltage: 230V - 50Hz
- Power input: 40Watt
- Illuminated rocker switch
- Supply cord 2mtr with EU-plug
- Weight 1,6 kg
- Dimension: 90x165x80(120)mm
- Easy replacement of blades

The HSG-00
comes incl.

- Blade band 1
- Manual



The HSGM HSG-00 is a professional compact thermal cutter designed to quickly cut & seal rope, Dyneema, cords, belts, straps etc. with a small diameter.

With this tool cords of up to Ø 5mm diameter can be sealed together into endless-cords.
Specially designed for production work.

HSGM HSG-00 Item. No: 24.1.500

The following blades are sold separately and fit the HSG-00
See specification below.

Item. No: 24.3.599



Blade band 1

Application: to cut & seal rope, cords, belts etc. with a small diameter.
Blade band length: 54mm, cutting area: 35mm.



CONNECTOR
WORLD TRADE

HSGM

Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

HSGM HSG-00-VW

- Continuous operation
- Adjustable working temperature till max. 600 °C
- Supply Voltage: 230V - 50Hz
- Supply Voltage: 140Watt
- Illuminated rocker switch
- Supply cord 2mtr with EU-plug
- Weight 4,8 kg
- Dimension: 155x235x130 (200)mm
- Easy replacement of blades

The HSG-00-VW comes incl.

- Blade band 2
- Manual

Item. No: 24.3.598

Item. No: 24.3.597



The HSGM HSG-00-VW is a professional thermal cutter designed to quickly cut & seal rope, Dyneema, cords, belts, straps etc. with a large diameter. Specially designed for production work.

HSGM HSG-00-VW Item. No: 24.1.501

The following blades are sold separately and fit the HSG-00-VW
See specification below.



Blade band 2

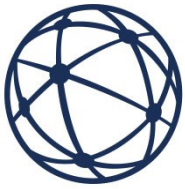
Application: to cut & seal rope, cords, belts etc. with a large diameter.
Blade length: 88mm, cutting area: 70mm.



**Blade
HS-S-15°-60°-00-VW**

Application: to cut & seal rope, cords, belts etc. up to Ø 20mm.
Blade length: 88mm, cutting area: 60mm.

This blade only fits the type HSG-00-VW, produced from August 2015 !!!
Older types can be adjusted on demand.



CONNECTOR
WORLD TRADE

HSGM
Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

HSGM HSG-4-VW

- Continuous operation
- Adjustable working temperature till max. 600 °C
- Supply Voltage: 230V - 50Hz
- Power input: 500Watt
- Illuminated rocker switch
- Supply cord 2mtr with EU-plug
- Weight 14 kg
- Dimension: 300x250x310mm
- Easy replacement of blades
- Incl. manual

Blade on picture
not included !

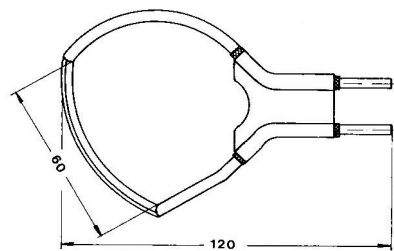


The HSGM HSG-4-VW
is a professional powerful thermal cutter with a fixed blade,
which can be used for continuous operation to cut & seal
rope, Dyneema, cable, cords, belts, straps etc.
Specially designed for production work.

HSGM HSG-4-VW Item. No: 24.1.625

The following blades are sold separately and fit the
HSG-4-VW
See specification below.

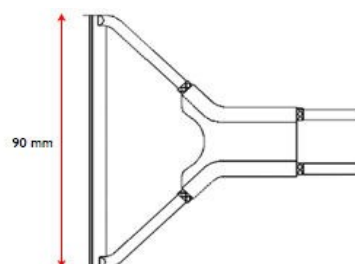
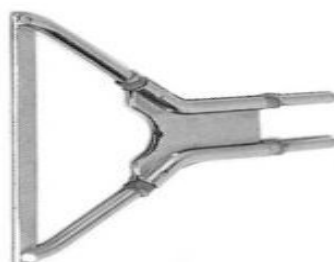
Item. No: 24.3.040



R-1 blade

Application: to cut & seal thick/heavy ropes, cables, cords, belts etc.
Length blade 70mm, cutting area 60mm till max Ø 60mm depth.

Item. No: 24.3.400



G-90 blade

Application: to cut & seal thick/heavy ropes, cables, cords, belts etc.
Blade length = 90mm.

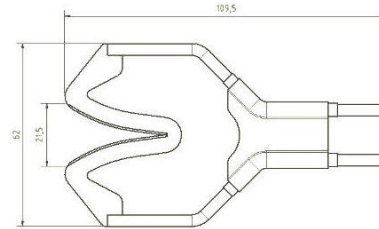


CONNECTOR
WORLD TRADE

HSGM
Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

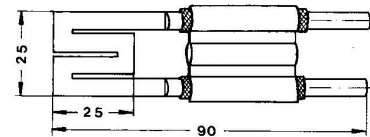
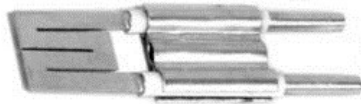
Item. No: 24.3.596



**HS-S-15°-60°
blade**

Application: to cut & seal rope, cable, cords, belts etc. with a diameter of max. Ø 20mm. Length blade 62mm, cutting area = 21,5mm

Item. No: 24.3.059



F blade

Application: Welding blade used to join rope, cords, cables. Length blade 25mm.



CONNECTOR
WORLD TRADE

HSGM

Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

HSGM HSG-4-VW-mA

- Incl. extraction fan
- Continuous operation
- Adjustable working temperature till max. 600 °C
- Supply Voltage: 230V - 50Hz
- Power input: 500Watt
- Illuminated rocker switch
- Supply cord 2mtr with EU-plug
- Weight 14 kg
- Dimension: 300x250x310mm
- Easy replacement of blades
- Incl. manual



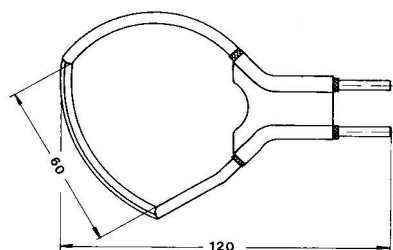
The HSGM HSG-4-VW-mA is a professional powerful thermal cutter with an extraction fan and a fixed blade which can be used for continuous operation to cut & seal rope, cable, Dyneema, cords, belts, straps etc. Specially designed for production work.

HSGM HSG-4-VW-mA Item. No: 24.1.630

Blade on picture not included !

The following blades are sold separately and fit the HSG-4-VW-mA
See specification below.

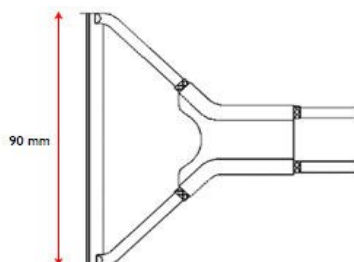
Item. No: 24.3.040



R-1 blade

Application: to cut & seal thick/heavy ropes, cables, cords, belts etc.
Length blade 70mm, cutting area 60mm till max Ø 60mm depth.

Item. No: 24.3.400



G-90 blade

Application: to cut & seal thick/heavy ropes, cables, cords, belts etc.
Blade length = 90mm.

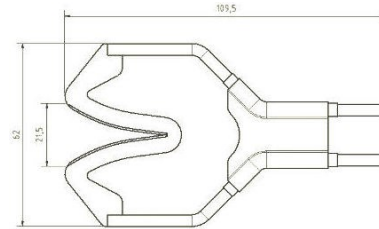


CONNECTOR
WORLD TRADE

HSGM
Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

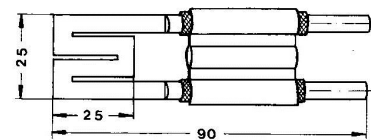
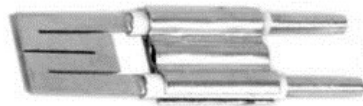
Item. No: 24.3.596



**HS-S-15°-60°
blade**

Application: to cut & seal rope, cable, cords, belts etc. with a diameter of max. Ø 20mm. Length blade 62mm, cutting area = 21,5mm

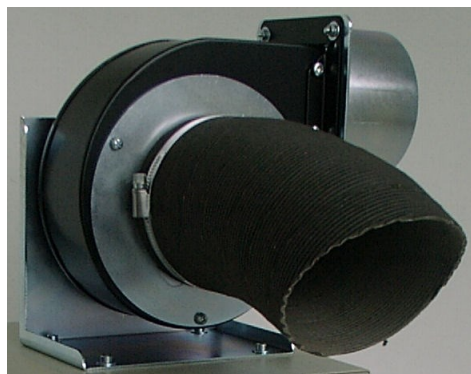
Item. No: 24.3.059



F blade

Application: Welding blade used to join rope, cords, cables. Length blade 25mm.

Item. No: 24.3.695



**extraction fan
for the
HSG-4-VW**

Application: to safely dissipate the smoke development during the cutting process.

Item. No: 24.3.696

No image available

**Hose for
extraction fan
per meter**

Application: this extraction hose can be connected to the extraction fan of the HSG-4-VW cutter, to dissipate the smoke development.



CONNECTOR
WORLD TRADE

HSGM
Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

HSGM HSG-7-VW

- Continuous operation
- Adjustable working temperature till max. 600 °C
- All this makes it possible to work faster
- Supply Voltage: 230V - 50Hz
- Power input: 700Watt
- Supply cord 2mtr with EU-plug
- The flexible cable from the unit to the bladeholder is 3mtr (option 5mtr)
- Weight 35 kg
- Dimension: 400x300x200mm
- Easy replacement of blades
- Incl. manual

Blade on picture
is not included !

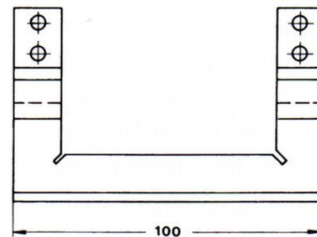


The HSGM HSG-7-VW
is a industrial very powerful thermal cutter with a fixed blade,
for continuous operation to cut & seal heavy "ship ropes",
Dyneema, cables, cords, belts, straps etc.
Specially designed for production work.

HSGM HSG-7-VW Item. No: 24.1.635

The following blades are sold separately and fit the
HSG-7-VW
See specification below.

Item. No: 24.3.570



7-G blade

Application: to cut & seal heavy "ship ropes", cables, cords, belts etc.
Length blade 100mm, straight cut.

Item. No: 24.3.571



7-R blade

Application: to cut & seal heavy "ship ropes", cables, cords, belts etc.
Length blade 100mm, curved cut.



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HSGM
Heißschneide- Geräte und -Maschinen GmbH

HSGM Industrial thermal cutters for synthetic material

HSGM

What is Heat-Cutting?

Heat-cutting of synthetic fabric (rope, cords, straps, belts, cable, sail, cloth, canvas, curtain, felts etc.) is a special process that continues to gain importance in the manufacturing process 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 cut edge.

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 tip, 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:

We also produce:

Industrial Rope Cutters

Industrial Textile Cutters

Industrial cutting tables

Styrofoam Cutters

Rope and belt cutting machines

Machines cutting fabric in width

Machines cutting fabric in length

Thermal shape-cutting installations

Specialized units, devices and machines

Custom-made blades



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

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