

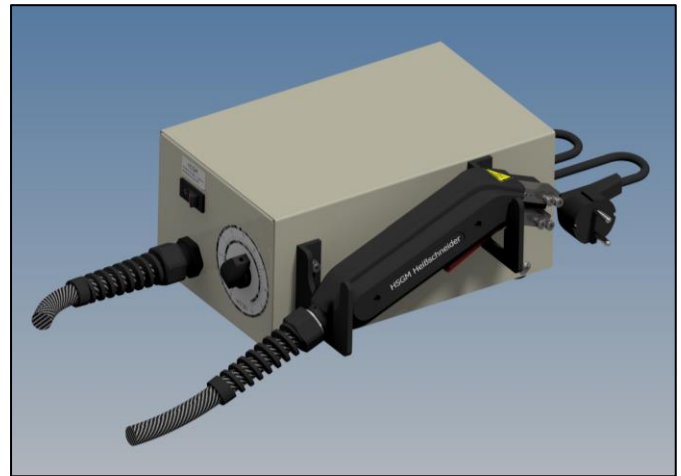
Heat cutter HSG-1-VW

Description:

The powerful device for continuous operation. For use with small and medium quantities. Suitable for cutting to length and fusing the ends of synthetic cords, ropes, tapes and belts, as well as cutting and edge welding of woven and knitted fabrics.

Technical data:

Supply voltage: 230 V - 50 Hz (110V - 60 Hz)
 Power input: max. 160W
 Operation time: Continuous operation
 Protection class: I - Protective grounding
 Power supply: Supply cord 2 m, with European-type plug or US-type plug
 Weight: 5,8 kg
 Dimension: 225 x 135 x 400 mm
 Other: Mains switch with signal lamp
 Working temperature max. 600°C
 Ready to cut in 6 sec.



HSG-1-VW with blade holder M

Scope of delivery:

1x HSG-1-VW incl. blade holder M with on/off switch
 (2m high flexible cable between housing and cutter holder M)
 1x Operating instructions with Declaration of Conformity
 WITHOUT CUTTING BLADE

Possible cutting blades:

| | | | |
|---|---|--|--|
| <p>Typ R</p> <p>Item-No.:2700700200</p> | <p>Typ R-1</p> <p>Item-No.:2700700207</p> | <p>Typ R-50</p> <p>Item-No.:2700700203</p> | <p>Typ F-3</p> <p>Item-No.:2700700400</p> |
| <p>Typ HS-S-15°-F</p> <p>Item-No.:2700700614</p> | <p>Typ V</p> <p>Item-No.:2700700700</p> | <p>Typ VST</p> <p>Item-No.:2700700860</p> | <p>Typ C</p> <p>Item-No.:2700700500</p> |
| <p>Typ F-2</p> <p>Item-No.:2700700300</p> | <p>Typ HS-S</p> <p>Item-No.:2700700603</p> | <p>Typ HS-SG</p> <p>Item-No.:2700700605</p> | <p>Typ HS-S-15°</p> <p>Item-No.: 2700700607 with slit 2700700608 without slit</p> |
| <p>Typ HSO-N</p> <p>Item-No.:2700700110</p> | <p>Typ HG</p> <p>Item-No.:2700700601</p> | <p>Heating fork KM – Typ U</p> <p>Item-No.:2700700900</p> | <p>Heating fork KM – Typ V</p> <p>Item-No.:2700700901</p> |

| <p>Melting blade Typ H</p> <p>Item-No.:2700700600</p> | <p>Melting blade Typ F</p> <p>Item-No.:2700700298</p> | <p>Typ G-90</p> <p>Item-No.:2700701000</p> | <p>Typ STA</p> <p>Item-No.:2700701630</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--|-----|--------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|---|----|----|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|---|----|----|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|
| <p>Typ RU</p> <p>Item-No.:2700703XXX</p> <table border="1"> <thead> <tr> <th>Ø</th> <th>XXX</th> </tr> </thead> <tbody> <tr><td>3,0 mm</td><td>106</td></tr> <tr><td>5,0 mm</td><td>110</td></tr> <tr><td>10 mm</td><td>120</td></tr> <tr><td>15 mm</td><td>130</td></tr> <tr><td>20 mm</td><td>140</td></tr> <tr><td>25 mm</td><td>150</td></tr> <tr><td>30 mm</td><td>160</td></tr> <tr><td>35 mm</td><td>170</td></tr> <tr><td>40 mm</td><td>180</td></tr> <tr><td>45 mm</td><td>190</td></tr> <tr><td>50 mm</td><td>200</td></tr> <tr><td>55 mm</td><td>210</td></tr> <tr><td>60 mm</td><td>220</td></tr> </tbody> </table> | Ø | XXX | 3,0 mm | 106 | 5,0 mm | 110 | 10 mm | 120 | 15 mm | 130 | 20 mm | 140 | 25 mm | 150 | 30 mm | 160 | 35 mm | 170 | 40 mm | 180 | 45 mm | 190 | 50 mm | 200 | 55 mm | 210 | 60 mm | 220 | <p>Typ N-1</p> <p>Item-No.:2700701XXX</p> <table border="1"> <thead> <tr> <th>r=</th> <th>t=</th> <th>XXX</th> </tr> </thead> <tbody> <tr><td>5,0 mm</td><td>10 mm</td><td>493</td></tr> <tr><td>6,0 mm</td><td>12 mm</td><td>495</td></tr> <tr><td>7,0 mm</td><td>14 mm</td><td>515</td></tr> <tr><td>8,0 mm</td><td>16 mm</td><td>516</td></tr> <tr><td>9,0 mm</td><td>18 mm</td><td>517</td></tr> <tr><td>10 mm</td><td>20 mm</td><td>518</td></tr> <tr><td>11 mm</td><td>22 mm</td><td>554</td></tr> <tr><td>12 mm</td><td>24 mm</td><td>548</td></tr> <tr><td>13 mm</td><td>26 mm</td><td>547</td></tr> <tr><td>15 mm</td><td>30 mm</td><td>528</td></tr> <tr><td>16 mm</td><td>32 mm</td><td>555</td></tr> <tr><td>17 mm</td><td>34 mm</td><td>553</td></tr> <tr><td>20 mm</td><td>40 mm</td><td>556</td></tr> </tbody> </table> | r= | t= | XXX | 5,0 mm | 10 mm | 493 | 6,0 mm | 12 mm | 495 | 7,0 mm | 14 mm | 515 | 8,0 mm | 16 mm | 516 | 9,0 mm | 18 mm | 517 | 10 mm | 20 mm | 518 | 11 mm | 22 mm | 554 | 12 mm | 24 mm | 548 | 13 mm | 26 mm | 547 | 15 mm | 30 mm | 528 | 16 mm | 32 mm | 555 | 17 mm | 34 mm | 553 | 20 mm | 40 mm | 556 | <p>Typ N-2</p> <p>Item-No.:2700701XXX</p> <table border="1"> <thead> <tr> <th>a=</th> <th>t=</th> <th>XXX</th> </tr> </thead> <tbody> <tr><td>10 mm</td><td>10 mm</td><td>534</td></tr> <tr><td>12 mm</td><td>12 mm</td><td>535</td></tr> <tr><td>14 mm</td><td>14 mm</td><td>537</td></tr> <tr><td>17 mm</td><td>19 mm</td><td>540</td></tr> <tr><td>20 mm</td><td>20 mm</td><td>526</td></tr> <tr><td>25 mm</td><td>25 mm</td><td>541</td></tr> <tr><td>30 mm</td><td>30 mm</td><td>527</td></tr> <tr><td>35 mm</td><td>35 mm</td><td>521</td></tr> </tbody> </table> <p>r = 1mm</p> | a= | t= | XXX | 10 mm | 10 mm | 534 | 12 mm | 12 mm | 535 | 14 mm | 14 mm | 537 | 17 mm | 19 mm | 540 | 20 mm | 20 mm | 526 | 25 mm | 25 mm | 541 | 30 mm | 30 mm | 527 | 35 mm | 35 mm | 521 |
| Ø | XXX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,0 mm | 106 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5,0 mm | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 mm | 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 mm | 130 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 mm | 140 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 mm | 150 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 mm | 160 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 mm | 170 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 mm | 180 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 mm | 190 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 mm | 200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 mm | 210 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 mm | 220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| r= | t= | XXX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5,0 mm | 10 mm | 493 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6,0 mm | 12 mm | 495 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,0 mm | 14 mm | 515 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8,0 mm | 16 mm | 516 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9,0 mm | 18 mm | 517 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 mm | 20 mm | 518 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 mm | 22 mm | 554 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 mm | 24 mm | 548 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 mm | 26 mm | 547 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 mm | 30 mm | 528 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 mm | 32 mm | 555 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 mm | 34 mm | 553 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 mm | 40 mm | 556 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a= | t= | XXX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 mm | 10 mm | 534 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 mm | 12 mm | 535 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 mm | 14 mm | 537 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 mm | 19 mm | 540 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 mm | 20 mm | 526 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 mm | 25 mm | 541 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 mm | 30 mm | 527 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 mm | 35 mm | 521 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Typ OV a= min. 3mm b= min. 4mm Scope: Max. 150mm</p> <p>Please request cutting edge. We will advise you and find the right cutting edge geometry for your application.</p> <p>Item-No.:2700701300</p> | <p>Typ RE a= min. 4mm b= min. 8mm Scope: Max. 150mm</p> <p>Please request cutting edge. We will advise you and find the right cutting edge geometry for your application.</p> <p>Item-No.:2700701320</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Various cutting tips are available for a wide range of materials and applications. This data sheet shows only a small overview. Please inform us about your cutting problem. We will advise you, make sample cuts for you and recommend the most suitable cutting tip for your application, also in special sizes.

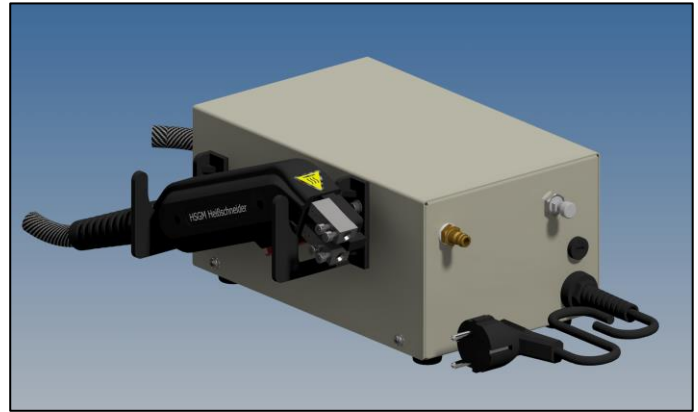
Cutting blades Typ WI and HR

The cutting blades of type WI and H R are sold in different variants and with different ground ends. Please inform yourself about the different cutting blade geometries before ordering, we will be happy to advise you and find the best cutting blade for your application.

| | | | |
|---|---|---|---|
| <p>Typ WI – Variation A</p> <p>Item-No.:2700701400</p> | <p>Typ WI – Variation B</p> <p>Item-No.:2700701400</p> | <p>Typ WI – Variation C</p> <p>Item-No.:2700701400</p> | <p>Typ WI – Variation D</p> <p>Item-No.:2700701400</p> |
| <p>Typ HR – Variation A</p> <p>Item-No.:2700701200</p> | <p>Typ HR – Variation B</p> <p>Item-No.:2700701200</p> | <p>Typ HR – Variation C</p> <p>Item-No.:2700701200</p> | <p>Typ HR – Variation D</p> <p>Item-No.:2700701200</p> |

Air-cooled blade holder (Option -K)

The unit can optionally be equipped with an air-cooled blade holder at the factory. Cooling air is blown into the blade holder through an air hose laid in the welding cable. This serves to cool the terminals for the cutting blade and the welding cables inside. This means that even powerful cutting blades can be operated for a longer period of time without thermally overloading the blade holder. A connection plug for the cooling air and a throttle valve for adjusting the cooling capacity are mounted on the rear of the unit. Turning counterclockwise increases the cooling capacity, turning clockwise decreases the cooling capacity.



HSG-1-VW with air cooled blade holder

Scope of delivery:

1x HSG-03-VW incl. air-cooled blade holder with on/off switch

(2m high flexible cable between housing and air-cooled blade holder)

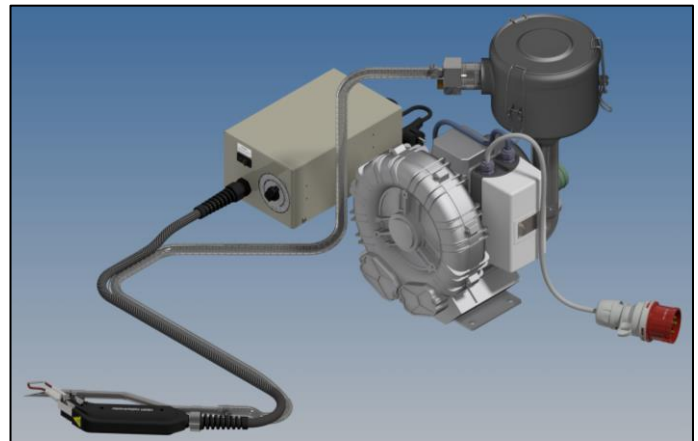
1x Operating instructions with Declaration of Conformity
WITHOUT CUTTING BLADE

Accessories suction device:

We offer an exhaust device with filter for our HSG-1-VW, HSG-03-VW and HSG-3-VW hot cutting units. This allows you to cut in poorly ventilated or small rooms without having to install an extra extraction unit with exhaust air to the outside.

The cutting fumes are extracted directly at the cutting blade and cleaned by the filter cartridge.

If you have any further questions, please do not hesitate to contact us and we will be happy to advise you.



HSG-1-VW with suction device
(HSG-1-VW and cutting blade Typ R not included in scope of delivery)

Scope of delivery:

1x Suction device
WITHOUT HSG-1-VW AND CUTTING BLADE