



## OPERATING INSTRUCTIONS ZETZ-9 THERMOCUTTER

### Starting Operation

Read operating instructions all the way through. The tool is ready for connection. Connect only to 110 volt AC as stated on the case (2). Protect the tool from moisture.

Safety insulation is guaranteed in accordance with VDE and CEE regulations and safety transformer according to VDE Nr. 0551 and CEE-publication No. 15 as well as UL and CEE conformity.

### Preparation

- A. Select a Thermocutter blade corresponding to the required cutting depth and the type of material.
- B. Loosen the knurled nut (6) when the device is cold.
- C. Insert each leg of the blade all the way between the cutting head (4) and the small blade-holder plates (5) and tighten the knurled nut (6). Make sure that the blade and the cutting head (4) have optimal contact. If both legs of the blade are not properly installed, the unit will not heat up.

### Cutting

- A. Set desired power (according to cutting task) with control knob (1).

- B. Actuate switch (3) and the blade will heat up.
- C. Opening case is prohibited — any interference inside will result in the loss of all warranties.
- D. Avoid direct short circuit between cutting heads (4).
- E. Do not use metallic rulers for guiding the blade.
- G. Clean cutting heads (4) with enclosed wire brush.

### Warranty:

The ZETZ-9 carries a guarantee for a period of 6 months from date of purchase against defective material or poor workmanship. This does not include consequential damage or defects caused by failure to comply with operating instructions. Improper use or use of blades other than those supplied by us will result in the loss of all warranties. Please return the thermocutter in its original packaging along with the invoice.

### Technical Data:

Weight: 2.5 lbs  
Power: 120W — 20% operating factor at maximum power.  
AC Voltage: see type plate of case (2). Secondary, on the

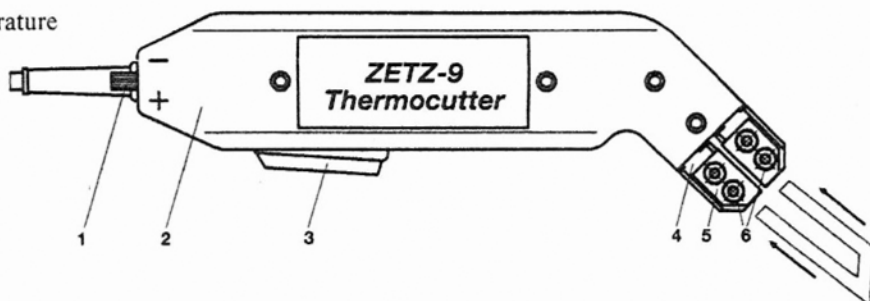
**Attention:** At 100% power it can operate 20% of the time.  
At 50% power it can operate 50% of the time.  
At 20% power it can operate 100% of the time.

If these values are exceeded, the unit will get hot and an internal automatic protective thermoswitch will turn it off. After it has cooled to room temperature, it will operate again.

To avoid smoke development, increase cutting speed or decrease power (1). Depending on material, make sure that a fume exhauster is used. Follow manufacturers' instructions for material being cut. Use un-flammable material as cutting surface. During operation, cutting heads (4) and knurled nuts (6) heat up. Do not touch before they have cooled thoroughly.

If the blade holders are not kept clean, the unit will overheat. Use wire brush to keep blade holders clean.

- (1) Knob for adjusting temperature of the blade
- (2) Case
- (3) Switch
- (4) Cutting Head
- (5) Blade-holder Plate
- (6) Allen Screws



### INSTALLATION:

- Before beginning installation, read the entire instruction manual.
- The base unit comes delivered ready for use. Install alternating current power supply in accordance with the unit specifications as prescribed on the model shield (5). It is prohibited to use base unit without grounding!
- The base unit can be used in combination with the following regroover and thermocutter:

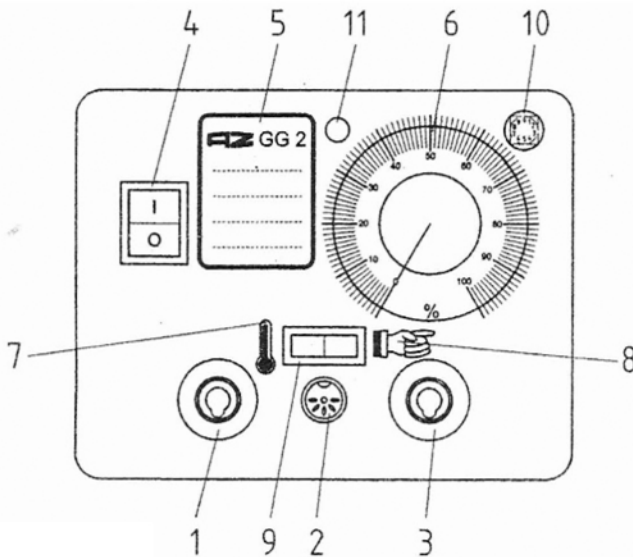
#### Regroover KZ 10:

To plug regroover in, use plug ports (1) and (3). Terminal connection (2) will remain unused. Adjust operator switch (9) to continuous mode of operation, (7). Unit will not run if set to manual (8)!

#### Thermocutter ZTS 24 or ZTS 25:

To plug in thermocutter, use plugs ports (1), (3), and terminal connection (2). Depending of the desired mode of operation, adjust operator switch (9) to either continuous (7), or to turn heating on or off using the switch located on the thermocutter handle adjust operator switch (9) to manual (8).

- It is prohibited to use cutter blades other than those supplied from manufacturer.
- Warm-up phase elapse time: During the warm-up phase, to reduce warm-up time, the blades are automatically pre-heated using maximum current. The warm-up phase elapse time can be adjusted using the potentiometer located inside base unit. To adjust the potentiometer (10), remove potentiometer cap and adjust to desired elapse time. Use the following table for elapse time and respective potentiometer settings. Factory setting: 0 sec.



Position	Warm-up Time
0	0 s
1	5 s
2	10 s
3	15 s
4	20 s
5-9	0 s

### OPERATION:

- The temperature is monitored via pulse control operation. Use the operator adjustment knob (6) to adjust to desired temperature (depending of amount of cutting).
- Turn on main power switch (4)
- If the main power switch (4) pilot light fails to light up, check the fuse located on the back of the base unit, if necessary replace.
- Pilot light (11) : not in use

### WARRANTY:

- 24 month warranty, Standard Business Terms and Agreements notwithstanding. Return defective merchandise and copy of invoice to production plant. For delivery address, refer to page 2, production plant address.
- It is prohibited to use base unit other than as prescribed. Use of cutter other than as prescribed will result in the forfeit of all rights.

## SAFETY PRECAUTIONS:

- Avoid contact with water, store in dry area.
- It is prohibited to open the base unit housing or cutter
- The integrated transformer can be set to three (3) different current outputs. The 115 V transformer comes factory set to 400 VA. In accordance with European Community Guide Lines and Regulations, base units within Europe can only be used with 250 VA. It is prohibited to adjust power output. For further details, please contact manufacturer.
- When setting the cutter down, place on nonflammable materials, i.e. glass, stone, etc., or use the handle mount (handle mounting assembly and mounting required). Before setting the cutter down, either turn off power by turning the operator switch (4) off or switch cutter to manual mode of operation by adjusting operator switch (9) to manual (8).
- It is prohibited to use the ZTS24 Thermocutter and KZ10 Regroover without heat resistance gloves.
- Ensure connect plugs in the respective ports (1) and (3).

## TECHNICAL SPECIFICATIONS:

Model		<b>GG 2 - 115 V</b>		
Item number		70 496 01		
Voltage/frequency	V	115 / 60 Hz		
Safety rating	A	4.0		
Ambient temperature	°C	40		
ED	%	100		
Nominal output	VA	250	340	400
Amperage	A	2.46	3.42	3.90
Secondary voltage	V	1.9	2.1	2.3
Secondary amperage	A	135	161	175
Approx. weight:	11 kg			
Dimensions	L = 300 mm, W = 190 mm, H = 210 mm			

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