



# Th. WORTELBOER B.V.

SLUISWEG 9  
NL - 6582 AG HEUMEN  
HOLLAND

PHONE +31 24 358 6514

[www.wortelboerbv.com](http://www.wortelboerbv.com)

E-mail : [info@wortelboerbv.com](mailto:info@wortelboerbv.com)

## TIP TRIMMER

### Grinding machine for tungsten electrodes



- Unique design triples the life of the disc.
- Cut and grind tungsten electrodes up to 8 -10 mm. without additional equipment.
- No external or additional extraction equipment required.
- The pin is ground with completely straight sides without convexity.
- Unique design of the electrode holder and the double cone shape and length of the collet ensure that the electrode pin always remains centered, which in turn guarantees a perfect welding arc.

TIP TRIMMER® has been developed exclusively for grinding tungsten electrodes for both TIG welding and plasma welding and should only be used for this purpose.

The grinding angle is set using the display and is fixed to the angle setting by tightening the adjustment screw.

The same angle setting can be set to three different positions so that the grinder can be used on three different "grinding tracks". In this way, the life of the disc is tripled.

TIP TRIMMER® can cut and grind tungsten electrodes up to 8 -10 mm. without additional equipment. This makes it particularly attractive for orbital welding, but also for more traditional TIG welding.

TIP TRIMMER® grinds on the side of the grinding disc, therefore the pin is ground with completely straight sides without convexity, which is important for a perfect weld and for the durability of the electrodes. The unique design of the electrode holder and the double cone shape and length of the collet ensure that the electrode pin always remains centred, which in turn guarantees a perfect welding arc.

During grinding, all the grinding dust is collected by the grinding fluid, as described in Directive 98-24-EU.

The grinding dust is transported to the reservoir where it is collected.

When the reservoir is full, it can easily be emptied at the front of the machine, no further tools are required.

If the electrode requires a flat pin, this can easily be achieved by setting the grinding angle to 90° or using the cutting device.

<b>Power supply:</b>	230 V / 50 - 60 Hz.
<b>Motor power:</b>	1.800 Watt.
<b>Rotationspeed:</b>	9.500 Omw./min.
<b>Grinding speed:</b>	60 m/s.
<b>Grinding disc Ø:</b>	100 mm.
<b>Cutting disc Ø:</b>	60 mm.
<b>Weight:</b>	12,8 Kg.
<b>Electrodes:</b>	1,0 mm - 4,0 mm.
<b>Workingtemperature:</b>	5 - 40 °C.
<b>Collets:</b>	Standard: 1,6 mm. - 2,4 mm. - 3,2 mm.
Extra for standardholder:	1,0 mm. - 2,0 mm. - 4,0 mm. - 4,8 mm.
Extra for special holder:	5,6 mm. - 6,4 mm. - 7,2 mm. - 8,0 mm.