

# PROXXON

Ihr Gerät funktioniert nicht ordentlich? Dann bitte die Bedienungsanleitung noch einmal genau durchlesen.  
Ist es tatsächlich defekt, senden Sie es bitte an:

**PROXXON Zentralservice**  
D-54518 Niersbach

**PROXXON Zentralservice**  
A-4224 Wartberg/Aist

Wir reagieren prompt und zuverlässig! Über diese Adresse können Sie auch alle erforderlichen Ersatzteile bestellen.

**Wichtig:**

Eine kurze Fehlerbeschreibung hilft uns, noch schneller zu reagieren.  
Bei Rücksendungen innerhalb der Garantiezeit bitte Kaufbeleg beifügen.

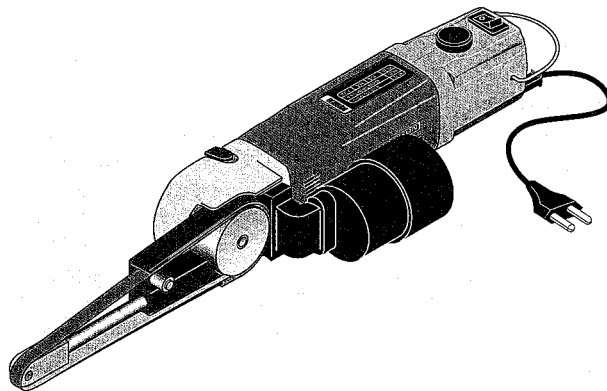
Bitte senden Sie das Gerät in der Originalverpackung zurück!  
So vermeiden Sie Beschädigungen beim Transport!

Art.-Nr. 28536-99 PH 70170672,5 J

804568

# PROXXON

## BSL 220/E



## Manual

(D)

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(NL)

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(CZ)

(TR)

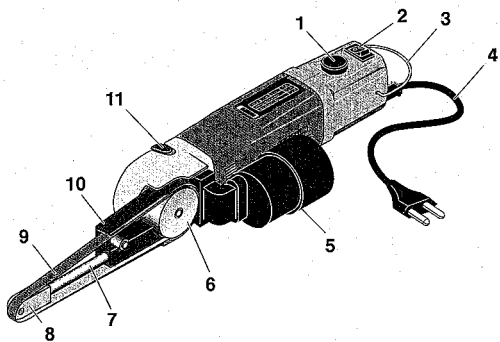


Fig. 1

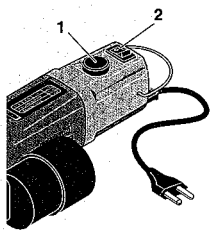


Fig. 2

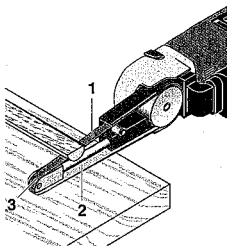


Fig. 3

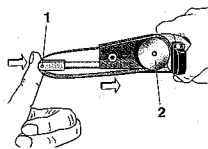


Fig. 4

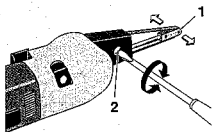


Fig. 5

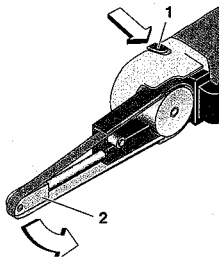


Fig. 6

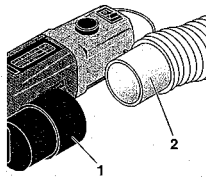


Fig. 7

Dear customer!

Please read the enclosed safety regulations and operating instructions carefully before using the unit.

**Legend**

1. Speed regulator knob
2. ON - OFF switch
3. Unit hoop
4. Connection cable
5. Adapter for dust extraction
6. Drive roller
7. Tensioning bar
8. Tensioning roller
9. Grinding belt
10. Adjusting screw for belt run
11. Retaining knob

**Description of the machine**

The PROXXON band grinder BSL 220/E is a light, compact and user-friendly unit. It can be used in modelling, tool manufacture and mould manufacture, but also in repair work on motor vehicles. The unit enables metal, plastic and wood to be processed. It can be used for regrinding moulds, grinding small apertures and for polishing. It can additionally be used for deburring and breaking edges, removing paint and finely grinding surfaces. Turning is carried out via a maintenance-free mitre gear. The grinding belt is driven by a robust aluminium drum which is equipped with a double-bearing. The tensioning roller is also equipped with ball bearings. The grinding head may be swivelled, so that work in awkward places is also possible.

**Technical data****Dimensions, weight:**

Length	approx. 330 mm
Weight	approx. 650 g
Grinding belt length	330 x 10 mm
Head can be rotated by	60°

**Motor:**

Voltage:	230 V, 50/60 Hz
Power consumption:	100 W
Belt speed	300 bis 700 rpm
Noise generated:	LPA: 90dB(A) LWA: 103 dB(A)
Vibration at handle	≤ 2.5 m/sec <sup>2</sup>

For use in dry environments only



Protection class II device



Please do not dispose off the machine!

**Accessories (included):**

Replacement grinding belts (4 units)

**Operation**

Working with the unit.

***Danger***

Do not work without protective goggles and protective mask.

1. Switch unit on at switch 2 (Fig. 2) and adjust the speed at knob 1 in accordance with the operation.
2. The grinding surface 2 (Fig. 3) is particularly suitable for processing plane surfaces. Curves are best processed with grinding surface 1. Surface 3 is suitable for operations in narrow apertures and cavities.

***Note:***

High grinding performance is achieved not by applying excessive pressure but by employing a correct and even belt speed.

**Replacing the grinding belt*****Attention!***

Disconnect from the mains before replacing the grinding belt.

1. Depress tensioning roller 1 (Fig. 4) axially and remove grinding belt from the drive roller (2).

2. First position new grinding belt around the tensioning roller (1). Then press the tensioning roller backwards and position the belt over the drive roller (2).

**Adjusting the grinding belt**

The grinding belt must run in the vcentre of the tensioning roller. If this is not the case, it must be readjusted.

***Danger!*****Danger of injury!**

1. Switch unit on
2. Select lowest speed
3. Turn adjusting screw 2 (Fig. 5) to left or right until the belt runs in the centre of the tensioning roller (1).

**Adjusting the grinding head**

1. Switch unit off
2. Press retaining knob 1 (Fig. 6) in and adjust the grinding head (2) to the desired angle.
3. Release retaining knob. The grinding head engages.

**Connecting the vacuum cleaner**

1. Connect parts of the connection adapter 1 (Fig. 7).

***Note:***

The adapter parts can be connected in such a way that vacuum cleaner pipes of various diameters may be connected.

2. Insert vacuum cleaner hose (2) into the connection adapter (1).

**Maintenance*****Danger!*****Danger of injury!**

Disconnect from the mains prior to all maintenance and cleaning operations.

***Note:***

Each unit becomes soiled in carrying out operations on wood. Care is therefore essential.

Always keep the apertures which are necessary for cooling the motor free of dust and dirt.

All grinding dust must be thoroughly removed with a brush or a soft cloth. Make certain that no ventilation slots are obstructed.

**Disposal**

Please do not dispose of the device in domestic waste! The device contains valuable substances that can be recycled. If you have any questions about this, please contact your local waste management enterprise or other corresponding municipal facilities.

**EC declaration of conformity**

We declare, and take sole responsibility for ensuring, that this product conforms to the following EC guidelines:

**EC Low Voltage Guideline****73/23/EEC****93/68/EEC**

DIN EN 60745-1/13.2003

DIN EN 60745-2-4/01.2004

**EC-EMC Guideline****89/336/EEC**

DIN EN 55014-1/09.2003

DIN EN 55014-2/08.2002

DIN EN 61000-3-2/12.2001

DIN EN 61000-3-2 A2/09.2005

DIN EN 61000-3-3/05.2002

**EC Machine Guideline****98/37/EEC**

DIN EN 60745-1/13.2003

DIN EN 60745-2-4/01.2004

Dipl.-Ing. Jörg Wagner

21.12.2005

PROXXON S.A.

Unit Safety Department

## Ersatzteilliste

ET-Nr.:	Benennung	ET-Nr.:	Benennung
28536-01	Scheibe	28536-44	Motorgehäuse
28536-02	Kugellager	28536-45	Motor
28536-03	Umlenkrolle	28536-46	Stützring
28536-04	Scheibe	28536-47	Platine
28536-05	Schraube	28536-48	Gehäuseschraube
28536-07	Spannkopf	28536-49	Regelknopf
28536-10	Druckfeder	28536-50	Schalter
28536-11	Schraube	28536-51	Gehäusekappe
28536-12	Schraube	28536-52	Gerätebügel
28536-13	Wellscheibe	28536-53	Netzkabel
28536-14	Scheibe	28536-54	Motorzentrierung
28536-15	Sicherungsring	28536-55	Motorritzel
28536-16	Bandauflage	28536-56	Sicherungsring
28536-17	Ausleger	28536-57	Feder
28536-18	Schleifband (Zubehör)	28536-58	Kugel
28536-19	Scheibe	28536-59	Typenschild
28536-20	Sicherungsring	28536-60	Tellerrad kpl.
28536-21	Antriebsrolle	28536-61	Ritzel
28536-22	Raststift	28536-97	Artikelverpackung (Koffer)
28536-23	Getriebedeckel	28536-99	Bedienungsanleitung
28536-24	Schraube		
28536-25	Kugellager		
28536-27	Buchse		
28536-28	Gehäusekopf		
28536-29	Feder		
28536-30	Rastknopf		
28536-31	Schraube		
28536-32	Zwischenplatte		
28536-33	Absaugkrümmer		
28536-34	Schraube		
28536-35	Adapter 1		
28536-36	Adapter 2		
28536-38	Kugellager		
28536-39	Gewinding		
28536-40	Antriebswelle		
28536-41	Lüfterrad		
28536-42	Motorbefestigungsschraube		
28536-43	Schutzleiste		

