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PSS 260

Ⓒ Operating
and safety instructions

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Operating instructions

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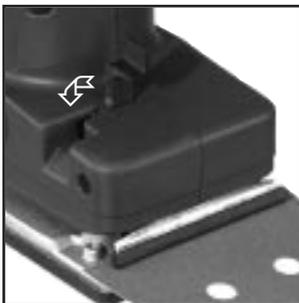
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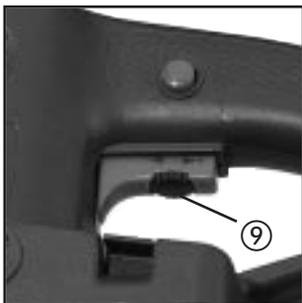
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PSS 260 ORBITAL SANDER

For effortless sanding of metal, wood and varnish/paint . . .

Dear Customer! We are delighted that you have decided to purchase our high quality PSS 260 orbital sander. Please make sure you familiarise yourself fully with the way the equipment works before you use it for the first time and that you understand how to handle electrical power tools correctly. Please read the operating instructions  below and the accompanying safety advice  carefully. Use the equipment only as described and for the indicated purposes. By doing this you will be able to work in complete safety and produce better results. We hope you enjoy using your sander.

FEATURES OF THE PSS 260

- | | |
|--|---------------------------------------|
| ① Clip  | ⑦ Handle |
| ② Sanding sheet | ⑧ ON / OFF switch |
| ③ Base | ⑨ Adjuster wheel |
| ④ Air vents | ⑩ Continuous operation locking button |
| ⑤ Dust bag adapter | ⑪ Dust extraction nozzle (Fig.) |
| ⑥ Paper dust bag | ②,⑤,⑥,⑪ = accessories supplied |

TECHNICAL INFORMATION

Nominal power:	260 W	Nominal voltage:	230 V ~ 50 Hz
Low load speed:	n_g 7,000 – 11,000/min	Dust extraction system:	built-in extraction system / or with exterior suction device
Orbits: max. approx.	22,000/min	Weight:	2.25 kg
Pad size:	225 x 115 mm		
Orbit:	2.1 mm		
Sanding sheet size max: approx.:	280 x 115 mm		
Protection class:	II		

The A weighted noise level of the equipment is typically:
Sound pressure level: 70.0 dB(A)
The acceleration value is typically 2.5 m/s² (vibration)

IMPORTANT SAFETY ADVICE

- To be read in conjunction with the advice in the accompanying booklet on safety.
- The sander is not designed for wet sanding and therefore is only to be used for dry sanding
- Do not use the sander on materials containing asbestos
- Look after your health: Wear ear defenders - also wear safety glasses and a breathing /dust mask
- Take note that working with stone and wood can give rise to dusts that can damage your health.
- Always keep the power cable well out of the sander's working area and fed to the rear of the machine.

OPERATION

Take note of the mains voltage. The voltage must agree with that shown on the identification plate (equipment shown as 230 V can also be used with 220 V).

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SWITCHING ON AND OFF

When using the orbital sander you can select between continuous and non-continuous operation (see Fig. 15). For short periods of sanding use the non-continuous setting and for longer periods use the continuous setting. Select your chosen setting as follows:

SWITCH ON NON-CONTINUOUS OPERATION:	press ON/OFF switch 8.
SWITCH OFF NON-CONTINUOUS OPERATION:	release ON/OFF switch 8.
SWITCH ON CONTINUOUS OPERATION:	press ON/OFF switch 8 and with it still pressed fix it in place by pressing the continuous operation locking button 10.
SWITCH OFF CONTINUOUS OPERATION:	press on/off switch 8 and release it again.

SETTING THE SPEED

You can set the required speed using the adjuster wheel 9 (see Fig 15) as required. As the setting depends on what kind of material you are working with, use the recommendations and examples given in Tips and Tricks.

FITTING THE SANDING SHEETS

Note: before fitting a new sanding sheet, remove dust and dirt from the base 3.

1. Lift both clips 1 to open them to insert a new sanding sheet or change the sanding sheet for use on a different material.
2. Push the sanding sheet 2 under the open clip at one end and clamp it securely on the base by moving the clip down again.
3. Do the same at the other end. Make sure that the sanding sheet 2 is tight against the base. See Figures 12 and 13.
4. Important! - The holes in the sanding sheet 2 and the base 3 must align for the dust to be extracted through the base. See Figure 14.



Different materials need different grades of sanding sheets. To determine which grade is suitable for your work, please read our recommendation in Tips and Tricks.

DUST EXTRACTION

• DUST EXTRACTION WITH PAPER DUST BAG

Push the paper dust bag 4 on to the adapter 5. Ensure that the adapter fits correctly into the holder. Clip the dust bag with the adapter to the side of the sander.

• DUST EXTRACTION WITH VACUUM CLEANER

For dust extraction using a vacuum cleaner use the appropriate connector — see Figure 11. Attach the adapter to the end of the vacuum cleaner hose and clip it to the side of the equipment.

MAINTENANCE OF THE ORBITAL SANDER

1. Clean the sander regularly. For the best results do this straight after the work has been completed.
2. Do not allow liquids to get inside the sander. Use a soft cloth for cleaning the housing. Do not use petrol, solvents or cleaners that may attack the plastic.
3. Air vents must always be clear and clean.

ADVICE ON WORKING METHODS, TIPS AND TRICKS

- You can use the PSS 260 orbital sander for effortless sanding even on large areas, see Fig. 16.
- Move the orbital sander in parallel broad circles or in alternate longitudinal and transverse directions.
- Do not press on the orbital sander. This damages the sanding sheets and adversely affects sanding performance.
- From time to time clean the sanding sheet with a vacuum cleaner.
- You do not have to resand any areas when working up to edges. The orbital sander works right into the corners because its housing is continuous with the edge of the sanding sheet, see Fig. 17.
- The integrated dust extraction system allows you to work cleanly overhead. Use the integrated dust extraction system or your vacuum cleaner wherever possible when sanding.
- The choice of speed and grade of sanding sheet determines the sanding performance and therefore the results of your work.
- Never use the same sanding sheet on different materials (e.g. wood and then metal).
- * For metals we recommend 60 grade (steel) or 80 grade (aluminium) — with a medium to high speed.
- * For wood we recommend 60 grade (hardwood) or 60 — 80 grade (soft wood) with a medium to high speed. If you are sanding veneered surfaces we recommend 240 grade — with a low to high speed depending on the smoothness of the finish.
- * When working on varnished/painted surfaces we recommend 120 grade e.g. for smoothing out scratches (medium to high speed), 180 grade for sanding down (low speed) and 40 grade e.g. for removing rust (low to middle speed).
- The PSS 260 orbital sander uses HIGH TECHNOLOGY FIXING.
This no-tool quick change feature allows you to work more easily and quickly. One hand is all that is needed.



- * These are advisory recommendations only. Before you start work, you should carry out a test to see which grade and speed is most suitable for your work.

Further practical tips for power tools can be found in the accompanying booklet on safety advice.

We reserve the right to make technical modifications in the course of further development.

STATEMENT OF CONFORMITY

We, Kompernaß Handelsgesellschaft mbH, Burgstr. 21, D-44867 Bochum, Germany, hereby declare that this product conforms with the following EC regulations:

EC low voltage regulations:	(98/37 EWG)
Electromagnetic compatibility:	(73/23/EEG), (93/68 EEG)
Applicable harmonised standards:	(89/336 EEG), (92/31 EEG), (93/68 EEG)
	EN 50144-1:1998
	EN 50144-2-4:1995
	EN 55014-1:1993 + A1
	EN 61000-3-2:1995 + A1 + A2
	EN 61000-3-3:1995
	EN 55014-2:1997

Type: PSS 260
Bochum, 30.06.2002



Hans Kompernaß
- Managing Director -

WARRANTY

This piece of equipment is covered by a **36-month warranty as of the date of purchase**. The equipment was produced with the greatest of care and underwent thorough testing before delivery. In the unlikely event of detecting a functional defect, please return the equipment in its original packaging with the proof of purchase (if available) to the closest service address.

Damage caused due to improper handling as well as regular wear of the parts are not covered by this warranty.

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