Operating Instructions

Dear Customer,
Many thanks for the confidence you have shown in us with the purchase of your new Metabo power tool. Every Metabo power tool is carefully tested and is subjected to the strict quality controls of the Metabo Quality Assurance section. However, the service life of any power tool is to a great degree dependent on yourself as the user. Please take account of the information contained in these Operating Instructions and the accompanying documents.
The more care you exercise in handling your Metabo power tool, the longer will be the reliable service it provides for you.

Contents

1 Declaration of Compliance

On our own responsibility, we hereby declare that this product complies with the standards or standard-setting documents listed on page 2.

2 Proper Use

The paint remover is designed for removing paint and varnish from flat wood surfaces and smoothing untreated wood.

The operator bears sole responsibility for any damage caused by inappropriate use.

The generally recognised accident prevention regulations and the accompanying safety instructions must be observed.

3 Overview

Refer to illustrations on page 3.
(Please fold out).

1 Protection flaps
2 Locking button
3 Handle
4 Slide-switch (0/I)
5 Vacuum extraction nozzle
6 Extraction device adapter (35 mm dia.)
7 Sharp-pointed tool
8 Combination ring/Torx spanner
  a Ring spanner
  b Torx
9 Planing base
10 Reversible blades

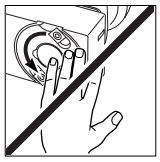
4 General Safety Rules

Before using the power tool, read the accompanying **Safety Instructions (red booklet)** and these Operating Instructions carefully and thoroughly.
Keep all of the documents supplied with the tool in a safe place and pass them on to the new owner if you part with the tool.

5 Specific Safety Rules

Pay particular attention to the parts of the text marked with this symbol for your own safety and the protection of your power tool.

Always wear safety goggles, protective gloves, ear protectors and heavy-duty footwear when working with your power tool.



Be aware of the risk of injury presented by the sharp cutting edges of the reversible blades.
Be aware of the rotating cutterhead.
Remember that your paint remover's motor, and the cutterhead with it, run on after the tool is switched off.

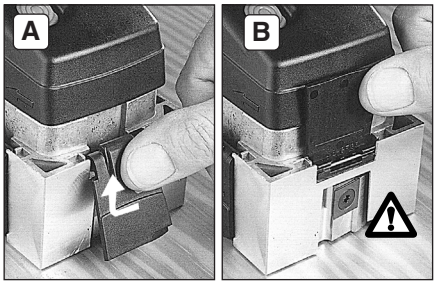
Use a vacuum extraction device with the tool. The dust generated during operation is often injurious to health (e.g. when processing oak and beech woods, or paintwork which may contain lead or other harmful materials). This dust must not
be allowed to penetrate the body. Use dust-extraction equipment as well as wearing a suitable dust mask.
Remove any accumulations of dust thoroughly, using a suitable vacuum cleaner.

Avoid the possibility of your power tool being switched on accidentally:
Switch your power tool off every time it is disconnected from the mains supply or if the power supply has been interrupted.

Do not process any workpiece surfaces in which nails, screws or other such obstacles may be encountered.

Turn or replace blunt blades in good time: if the cutting edges on the blades are blunt, there is an increased risk of kickback and the quality of the processed surface will deteriorate.
Always turn or replace blunt blades in pairs.

Opening the protection flaps
Caution: Beware of sharp cutting edges!
Switch off machine. **Milling head must be at a total standstill!**



A: Open the protection flap as indicated and **B**: fold flap up into the fully-open position.

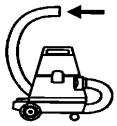
Protection flaps
When milling plane surfaces all protection flaps must be closed. When carrying out peripheral milling (e.g. on rebates) only open the protection flap pointing to the workpiece.

Metabo Sautomatic safety clutch:

If the insertion tool jams or hooks, the power flow to the engine will be restricted. Because of the high power which then arises, always hold the machine with both hands on the handles, stand safely, and concentrate on your work.

6 Operation

Before initial use, check that the mains voltage and mains frequency stated on the rating plate match the figures for your own mains supply.



Always work with an extraction system to guarantee perfect machine operation.

Guide the machine with both hands on the handles.

6.1 Switching the paint remover On/Off

Switching on
Lift the paint remover so that the cutterhead can rotate freely. Push the slide-switch (4) forwards.
I - switched on.

If switched on continuously, the machine continues running if it is jerked out of your hands. Therefore, always hold the machine with both hands on the handles, stand safely, and concentrate on your work.

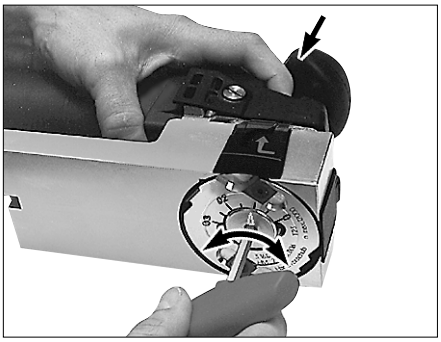
Switching off
Lift the paint remover so that the cutterhead can rotate freely. Press down the rear end of the slide-switch (4). The slide-switch springs back.

0 - switched off.

Wait until the cutter drum is at a standstill before setting down the machine. An exposed cutter head can get caught on the surface and lead to a loss of control and possible serious injury.

6.2 Locking the cutterhead

Be aware of the risk of injury presented by the sharp cutting edges of the reversible blades. Do not attempt to lock the cutterhead in position until it has come to rest. Switch the paint remover off and disconnect from the mains supply.



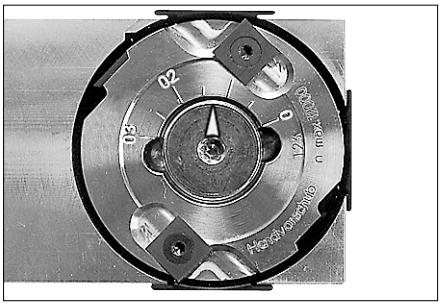
Set the paint remover down on its side.

Press the locking button (2) fully home into position and hold down.
At the same time, turn the cutterhead with the ring spanner (8a) in either direction. Turn until the depressed locking button can be felt to engage and the cutterhead is locked in position.

6.3 Setting the axial cutting depth

Be aware of the risk of injury presented by the sharp cutting edges of the reversible blades. Do not attempt to set the axial cutting depth until the cutterhead has come to rest. Switch the paint remover off and disconnect from the mains supply.

Lock the cutterhead in position and hold down the locking button.



Set the desired cutting depth by turning the adjuster screw with the ring spanner supplied.

Range of cutting depth: 0 - 0.3 mm.

Start off with a fine cutting depth and increase gradually until you reach the ideal cutting depth for the material being processed.

Remember to remove the ring spanner!

6.4 Fitting/removing the extraction device adapter

For dust extraction purposes use a Metabo suction unit or some other suitable extraction device.

Fitting
Push the extraction device adapter (6) into the extraction nozzle (5) until it engages in position.

The required extraction device can now be connected to the 35 mm dia. tube adapter.

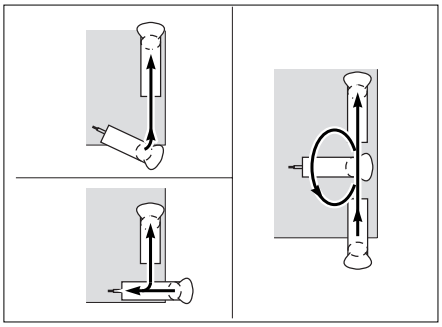
Removing
Press in the tongue and pull the adapter (6) out of the extraction nozzle (5).

7 Tips and Tricks

7.1 Guiding the paint remover

Always use two hands to guide the paint remover forwards where possible over the surface of the workpiece being processed. When holding the paint remover down, ensure that the pressure exerted is distributed evenly over the area of the planing base.

7.2 Presenting the tool to the edge of a workpiece



Hold the paint remover parallel with the surface of the workpiece.
When presenting the tool, ensure that the planing base is in contact with the largest possible area of the surface.

7.3 Smoothing

Reduce the cutting depth to achieve a smooth surface finish.

8 Maintenance

Be aware of the risk of injury presented by the sharp cutting edges of the reversible blades. Do not attempt any maintenance operation until the cutterhead has come to rest. Switch the paint remover off and disconnect from the mains supply.

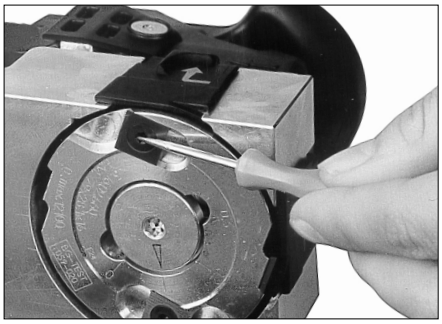
8.1 Cleaning the reversible blades

Paint, etc. can lodge under the cutting edges of the reversible blades. If this occurs, clear the cutting edges of the blades with the sharp-pointed tool.

8.2 Turning/replacing the reversible blades

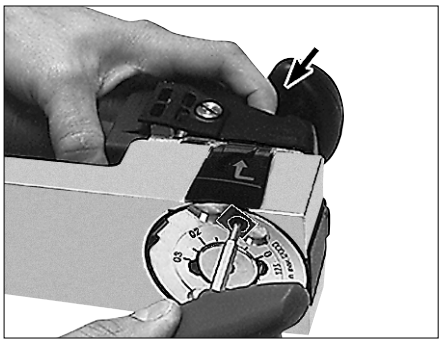
Use original Metabo reversible blades only.
Order No.: 6.31720 (4 units)
Order No.: 6.31660 (10 units)

Blunt blades increase the risk of the paint remover jamming and kicking back off line during operation.
To avoid this, turn or replace blunt reversible blades in good time.



Scrape clean the Torx heads of the screws securing the reversible blades using the sharp-pointed tool (7).

Axial reversible blades:
Lock the cutterhead in position.
Set the paint remover down on its side and release the locking button.
Remove the ring spanner (8a) and reverse it (8b, Torx).



Press the locking button (2) fully home and hold down.

Radial reversible blades: Open protection flap. Turn milling head with special Allen key until cutting blade is accessible.

Turn out the screws securing the reversible blades (10) with the Torx spanner (8b).

Detach the reversible blades (10) using the sharp-pointed tool and clean the contact surface of the blades.

Replace the reversible blades (10) so that the blades once again present a sharp edge as they rotate.

If all of the cutting edges are worn blunt, replace the reversible blades.

⚠ **Always turn or replace both reversible blades at the same time. Replace and screws with damaged Torx heads.**

Apply a torque of 5 Nm to secure reversible blades after turning or replacement.

⚠ **Do not forget to remove the Torx spanner!**

8.3 Cleaning the cutterhead and contact surface of the planing base

If the cutterhead requires cleaning, use a cleaning material suitable for use with aluminium (pH value between 4.5 and 8).

8.4 Cleaning the vacuum extraction nozzle

During operation it is possible that chips may lodge in the extraction nozzle and block it. Insert the sharp-pointed tool (7) into the cleaning slit in the extraction nozzle to loosen and remove any chips causing a blockage.

Remove the extraction nozzle (5), if necessary.

To remove, turn out the cross-head screws and pull the extraction nozzle out to the rear.

Clean the extraction nozzle and the planing base (9).

9 Repairs

⚠ **Repairs to power tools must be carried out by a qualified electrician only.**

Any Metabo power tools in need of repair can be sent to one of the addresses listed in the spare parts list.

Please send the tool for repair with a brief description of the fault identified.

10 Environmental Protection

Metabo packaging is 100% suitable for recycling.
Power tools and accessories at the end of their service life still contain large amounts of valuable raw materials and plastics which can likewise be fed back into a recycling process.

Make suitable arrangements for the disposal of the chips created during operation.

These Operating Instructions are printed on paper produced in a chlorine-free bleaching process.

Only for EU countries: Never dispose of power tools in your household waste! In accordance with European Guideline 2002/96/EC on used electronic and electric equipment and its implementation in national legal systems, used power tools must be collected separately and handed in for environmentally compatible recycling.

11 Technical Specifications

Notes on the details on page 2.
We reserve the right to undertake modifications to reflect technical advances.

P_1 = rated input
P_2 = output power
a_{hw} = typically rated acceleration in the hand-arm area
Typical A-rated acoustic level:
L_{pA} = acoustic pressure level
L_{WA} = acoustic power level
K_{pA},K_{WA} = uncertainty

⚠ **Wear ear protectors!**

m = weight

Measured values established according to EN 60745. The stated technical specifications are subject to tolerances (as specified in the respective current standards).