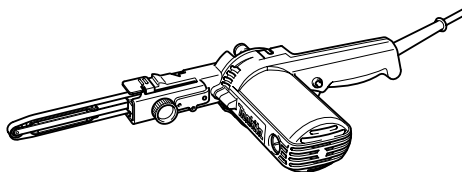



INSTRUCTION MANUAL

Filing Sander

9032



001214

 DOUBLE INSULATION

IMPORTANT: Read Before Using.

ENGLISH (Original instructions)

SPECIFICATIONS

Model	9032
Belt size	9 mm x 533 mm
Belt speed	5 -28 m/s
Overall length	420 mm
Net weight	1.6 kg
Safety class	II/II

- Due to our continuing programme of research and development, the specifications herein are subject to change without notice.
- Specifications may differ from country to country.
- Weight according to EPTA-Procedure 01/2003

END201-5

ENG905-1

Symbols

The following show the symbols used for the equipment. Be sure that you understand their meaning before use.



- Read instruction manual.



- DOUBLE INSULATION



- Only for EU countries
Do not dispose of electric equipment together with household waste material! In observance of European Directive 2002/96/EC on waste electric and electronic equipment and its implementation in accordance with national law, electric equipment that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

ENE052-1

Intended use

The tool is intended for the sanding of large surface of wood, plastic and metal materials as well as painted surfaces.

ENF002-2

Power supply

The tool should be connected only to a power supply of the same voltage as indicated on the nameplate, and can only be operated on single-phase AC supply. They are double-insulated and can, therefore, also be used from sockets without earth wire.

Noise

The typical A-weighted noise level determined according to EN60745:

Sound pressure level (L_{pA}) : 84 dB(A)

Sound power level (L_{WA}) : 95 dB(A)

Uncertainty (K) : 3 dB(A)

Wear ear protection

ENG900-1

Vibration

The vibration total value (tri-axial vector sum) determined according to EN60745:

Work mode : sanding metal plate

Vibration emission (a_{h1}) : 2.5 m/s^2 or less

Uncertainty (K) : 1.5 m/s^2

ENG901-1

- The declared vibration emission value has been measured in accordance with the standard test method and may be used for comparing one tool with another.
- The declared vibration emission value may also be used in a preliminary assessment of exposure.

WARNING:

- The vibration emission during actual use of the power tool can differ from the declared emission value depending on the ways in which the tool is used.
- Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

For European countries only

EC Declaration of Conformity

We Makita Corporation as the responsible manufacturer declare that the following Makita machine(s):

Designation of Machine:

Filing Sander

Model No./ Type: 9032

are of series production and

Conforms to the following European Directives:

2006/42/EC

And are manufactured in accordance with the following standards or standardised documents:

EN60745

The technical documentation is kept by our authorised representative in Europe who is:

Makita International Europe Ltd.

Michigan Drive, Tongwell,

Milton Keynes, Bucks MK15 8JD, England

30.1.2009



000230

Tomoyasu Kato
Director

Makita Corporation
3-11-8, Sumiyoshi-cho,
Anjo, Aichi, 446-8502, JAPAN

GEA005-3

General Power Tool Safety Warnings

⚠ WARNING Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

1. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
3. **Keep children and bystanders away while operating a power tool.** Distractions can cause

you to lose control.

Electrical safety

4. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
5. **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
6. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
7. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
8. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
9. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.
10. **Use of power supply via a RCD with a rated residual current of 30mA or less is always recommended.**

Personal safety

11. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
12. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
13. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
14. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
15. **Do not overreach. Keep proper footing and balance at all times.** This enables better control

of the power tool in unexpected situations.

16. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
17. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

Power tool use and care

18. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
19. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
20. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
21. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
22. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
23. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
24. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

Service

25. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
26. **Follow instruction for lubricating and changing accessories.**
27. **Keep handles dry, clean and free from oil and grease.**

BELT SANDER SAFETY WARNINGS

1. **Hold power tool by insulated gripping surfaces, because the belt may contact its own cord.** Cutting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
2. **Ventilate your work area adequately when you perform sanding operations.**
3. **Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data.**
4. **Always use the correct dust mask/respirator for the material and application you are working with.**
5. **Always use safety glasses or goggles. Ordinary eye or sun glasses are NOT safety glasses.**
6. **Hold the tool firmly with both hands.**
7. **Make sure the belt is not contacting the workpiece before the switch is turned on.**
8. **Keep hands away from rotating parts.**
9. **Do not leave the tool running. Operate the tool only when hand-held.**
10. **This tool has not been waterproofed, so do not use water on the workpiece surface.**

SAVE THESE INSTRUCTIONS.

WARNING:

DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product. **MISUSE** or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

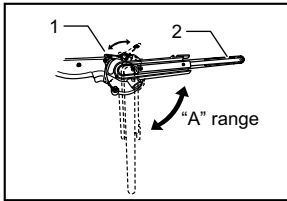
FUNCTIONAL DESCRIPTION

⚠CAUTION:

- Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

Adjusting arm inclination

The arm can be pivoted and fixed at any desired angle within the "A" range according to the operating position or the figure of the workpiece.



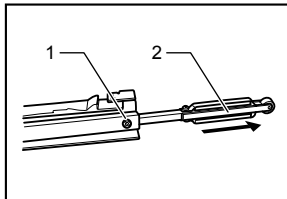
1. Lock lever
2. Arm

001215

Loosen the lock lever by raising it. Pivot the arm to the desired position, and secure the lock lever to fix the arm firmly.

Replacing arm

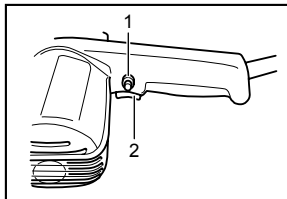
By replacing the standard-equipped arm by optional one, 6 mm or 13 mm width belt can be used. Remove the arm by loosening the screw that secures the arm. Insert the arm that fits the belt to be used, and tighten the screw firmly.



1. Screw
2. Arm

001216

Switch action



1. Lock button
2. Switch trigger

001217

⚠CAUTION:

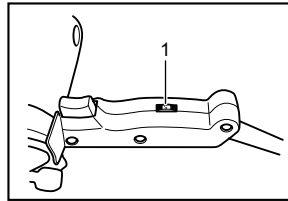
- Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

To start the tool, simply pull the switch trigger. Release the switch trigger to stop.

For continuous operation, pull the switch trigger and then push in the lock button.

To stop the tool from the locked position, pull the switch trigger fully, and then release it.

Speed adjusting dial



1. Speed adjusting dial

001218

The belt speed can be infinitely adjusted between 5 m and 28 m per second by turning the speed adjusting dial to a given number setting from 1 to 6.

Higher speed is obtained when the dial is turned in the direction of number 6; lower speed is obtained when it is turned in the direction of number 1. Select the proper speed for the workpiece to be sanded.

⚠CAUTION:

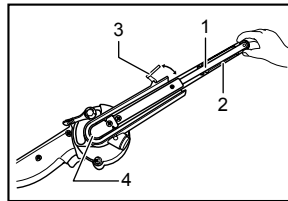
- The speed adjusting dial can be turned only as far as 6 and back to 1. Do not force it past 6 or 1, or the speed adjusting function may no longer work.

ASSEMBLY

⚠CAUTION:

- Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

Installing or removing abrasive belt

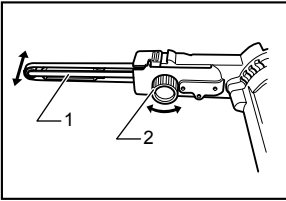


1. Arm
2. Abrasive belt
3. Cam lever
4. Rear pulley

001219

Pull the cam lever all the way out. Install the belt over the rear pulley, and slip the belt over the front pulley, with the belt pulled out to the front arm. Return the cam lever to the original position.

Adjusting belt tracking



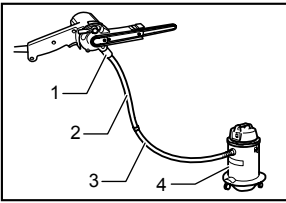
1. Arm
2. Adjusting dial

001220

Switch on the tool and make sure that the belt is aligned properly.

Use the adjusting dial to center the belt tracking. Turn the adjusting dial clockwise to incline the arm to the right, or counterclockwise to incline it to the left.

Connecting to Makita vacuum cleaner



1. Dust nozzle
2. Hose 28
3. Hose of vacuum cleaner
4. Vacuum cleaner

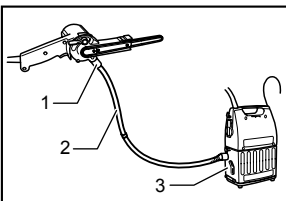
001221

⚠ CAUTION:

- Always close the nozzle cap when the vacuum cleaner is not connected to the nozzle. Never insert your finger into the nozzle.

Cleaner sanding operations can be performed by connecting the belt sander to Makita vacuum cleaner. Open the nozzle cap, and install the dust nozzle. Connect the hose of a vacuum cleaner to the dust nozzle.

When connecting to Makita vacuum cleaner, an optional hose 28 mm in inner diameter is necessary.

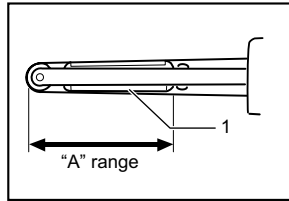


1. Dust nozzle
2. Hose 28
3. Dust collector

001222

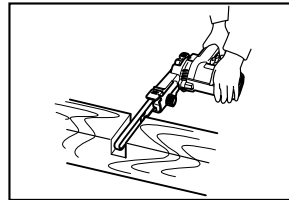
OPERATION

Hold the tool firmly with both hands. Turn the tool on and wait until it attains full speed. Gently apply the tool to the workpiece surface and move the tool forward and back. Press the belt only lightly on the workpiece. Excessive pressure may damage the belt and shorten tool life. Always use "A" range of the belt to sand the workpiece.

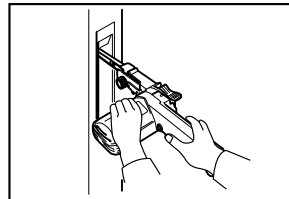


001223

1. Flat shoe



001224



001225

⚠ CAUTION:

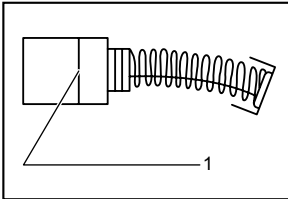
- Secure the workpiece with clamps, etc. if there is any possibility of it moving during the work operations.
- The tool should not already be in contact with the workpiece surface when you turn the tool on or off. Otherwise a poor sanding finish, damage to the belt or loss of control of the tool may result.
- When working with the tool, be very careful to avoid any contact of the tool and belt with any part of your body or anyone or anything near you.

MAINTENANCE

⚠ CAUTION:

- Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.
- Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

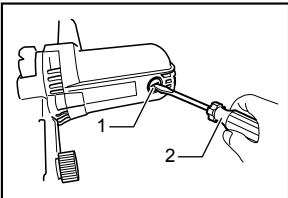
Replacing carbon brushes



1. Limit mark

001145

Remove and check the carbon brushes regularly. Replace them when they are worn down to the limit mark. Keep the carbon brushes clean and free to slip in the holders. Both carbon brushes should be replaced at the same time. Use only identical carbon brushes. Use a screwdriver to remove the brush holder caps. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps.



1. Brush holder cap
2. Screwdriver

001226

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized Service Centers, always using Makita replacement parts.

OPTIONAL ACCESSORIES

⚠ CAUTION:

- These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Makita Service Center.

- Abrasive belts
- Hose 28
- Arm (6,9,13mm)
- Dust nozzle assembly

NOTE:

- Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.

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