



User Manual

FERREX® 300W MULTIFUNCTION TOOL



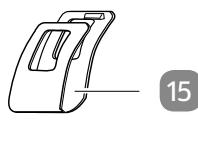
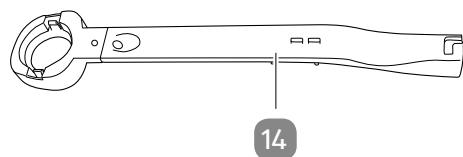
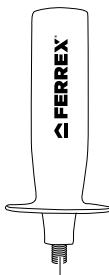
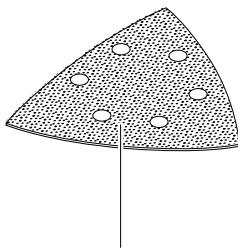
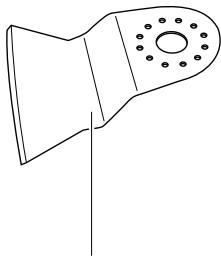
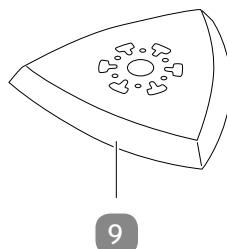
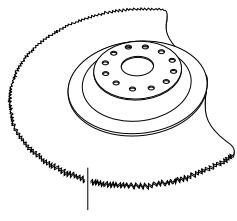
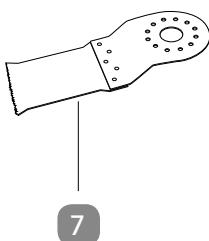
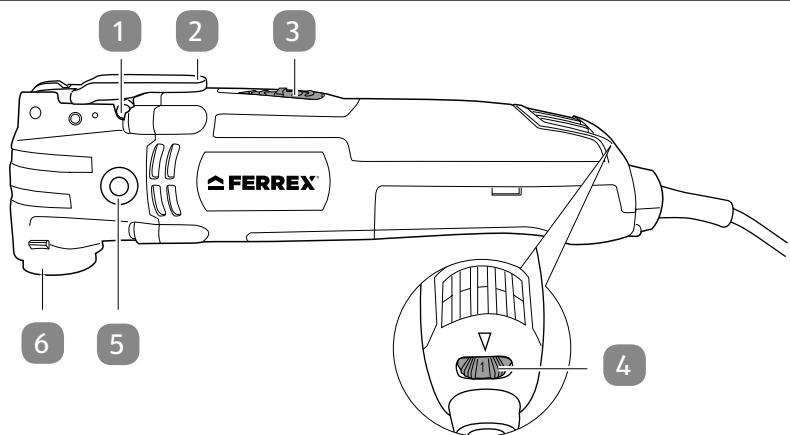
Original instructions

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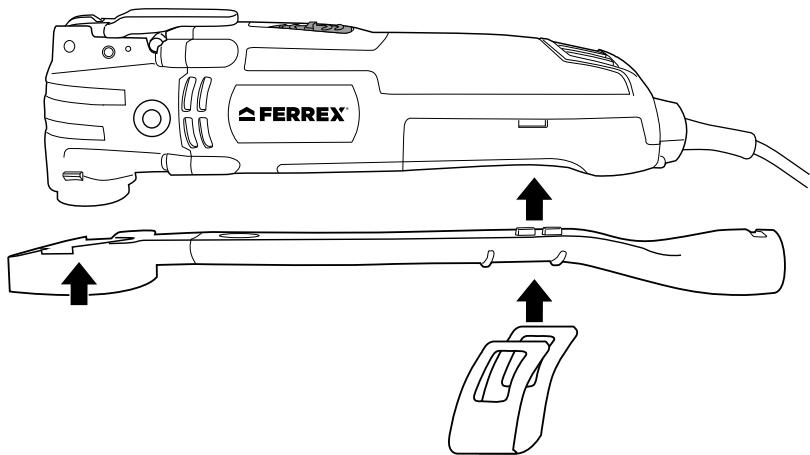
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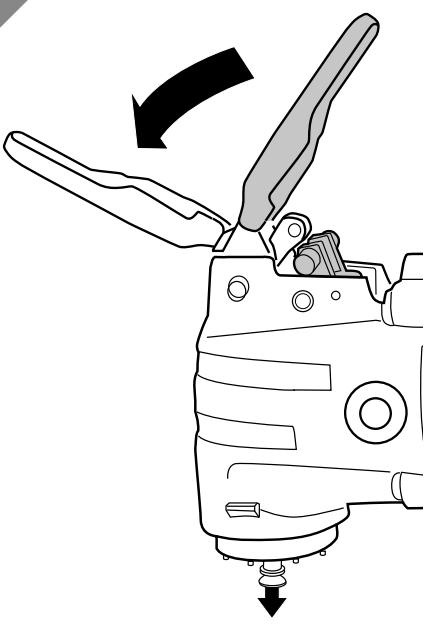


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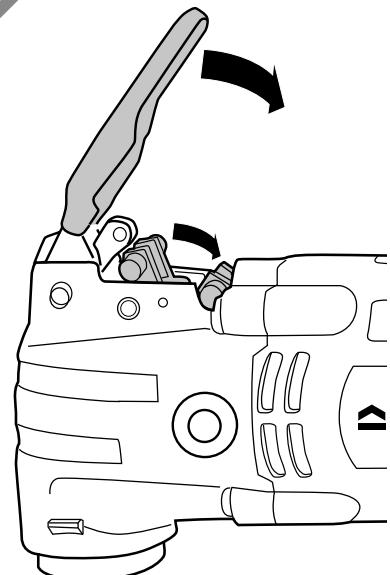
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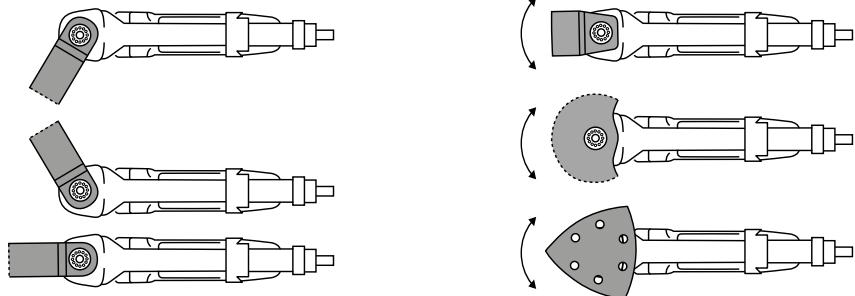
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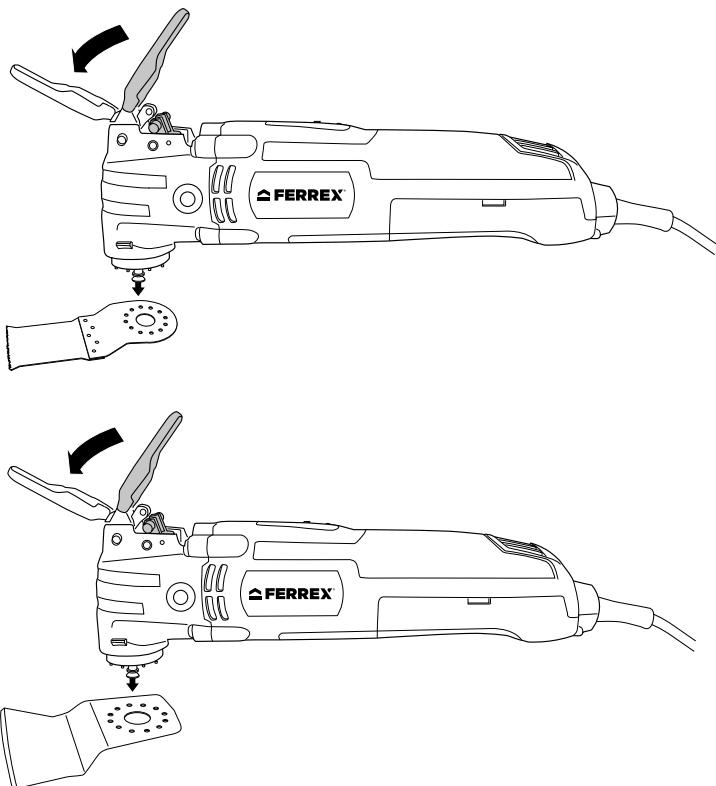
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Components

- 1 Locking bracket
- 2 Clamping lever
- 3 On/Off switch
- 4 Oscillation rate preselector
- 5 Thread (for the handle), 2×
- 6 Tool holder
- 7 Plunge-cut saw blade
- 8 Segment saw blade
- 9 Sanding plate
- 10 Scraper
- 11 Sanding sheet
- 12 Handle
- 13 Dust extraction adapter
- 14 Extractor line
- 15 Holding clip
- 16 Storage case (not shown)

General information

Reading and storing the user manual



This user manual accompanies this 300W multifunction tool (referred to below only as the 'multifunction tool'). It contains important information about safety, usage and care.

Before using the multifunction tool, read the user manual carefully. Pay particular attention to the safety instructions and warnings. Failure to comply with the instructions in this user manual may result in severe injury or damage to the multifunction tool.

Comply with applicable local or national regulations concerning the use of this product. Keep this user manual in a safe place for future reference. Make sure to include this instruction manual when passing the multifunction tool on to third parties.

Explanation of symbols

The following symbols and signal words are used in this user manual, on the multifunction tool or on the packaging.



Declaration of conformity (see chapter "Declaration of conformity"): The product complies with the applicable European directives and the product has been evaluated for conformity with these.



Read the user manual.



Wear protective goggles.



Wear a dust mask.



Wear ear protection.



Wear suitable protective gloves.



This symbol identifies devices that belong to the protection class II.

Safety

Explanation of notes

The following symbols and signal words are used in this user manual.



WARNING!

Indicates a hazardous situation that, if not avoided, could result in death or serious injury.



CAUTION!

Designates a dangerous situation that may result in minor or moderate injury if not avoided.

NOTICE!

Warns of possible damage to property.

Scope of use

The multifunction tool is only designed for private users in connection with hobby and DIY projects for the following purposes:

- for sawing and separating timber materials, plastic, gypsum, non-ferrous metals and fasteners (e.g. nails, brackets),
- for processing soft wall tiles,
- for dry sanding and scraping small surfaces.

For some of these applications, accessories for certain work materials must be purchased from a supply store.

Any other applications are expressly prohibited and are deemed improper use.

Neither the manufacturer nor the retailer can accept any responsibility for injury, loss or damage caused by misuse of this product of any kind. Examples of misuse are given in the following non-exhaustive list:

- Using the multifunction tool for other than the intended purposes;
- using the multifunction tool as a polisher;
- failure to observe the safety instructions and warnings as well as the assembly, operating, maintenance and cleaning instructions contained in this user manual;
- failure to comply with any regulations relating to accident prevention, occupational medicine or safety, which specifically and/or generally apply to the use of this multifunction tool;
- use of accessories and spare parts not intended for the multifunction tool;
- Modifications to the multifunction tool;
- Repairs of the multifunction tool performed by parties other than the manufacturer or a qualified professional;

- use of the multifunction tool for commercial or industrial applications as well as in connection with the trades;
- operation or maintenance of the multifunction tool by persons not familiar with how to handle the multifunction tool and/or who are not aware of the related risks.

Residual risks

Despite proper use, inconspicuous residual risks cannot be completely ruled out.

The following risks may arise due to the nature of the multifunction tool:

- projection of parts or breakage of the sanding surface, the fitted tool or the material being processed poses a risk of severe injury or blindness if the prescribed protective goggles are not worn;
- contact with sharp or hot parts of the workpiece or the fitted tool during operation or while performing maintenance;
- damage to hearing if the prescribed ear protection is not worn;
- inhalation of particles produced whilst sanding the material as well as the surface being sanded.

General power tool safety instructions

⚠ WARNING **Read all the safety notes, instructions, illustrations and technical details supplied with this power tool.** Failure to follow the safety notices and instructions may result in an electric shock, fire and/or severe injury.

Save all warnings and instructions for future reference.

The term “power tool” used in the safety instructions refers to mains-operated power tools (corded) and battery-powered power tools (cordless).

Work area safety

- a) **Keep your work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **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.*
- c) **Keep children and bystanders away while operating a power tool.** *If you are distracted, you could lose control of the power tool.*

Electrical safety

- a) **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 the risk of electric shock.*
- b) **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.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **Do not use the cord for improper purposes such as for carrying the power tool, for hanging it up or for pulling or unplugging it from the socket. Keep cord away from heat, oil, sharp edges and moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- e) **When operating a power tool outdoors, use only extension cords that are suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) **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.*

Personal safety

- a) **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.*
- b) **Use personal protective equipment. Always wear eye protection.** *Depending on the type of power tool and how it is used, wearing personal protective gear such as a dust mask, non-slip safety shoes, a protective helmet or ear protection reduces the risk of injury.*
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or rechargeable battery, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or connecting the power tool to a power supply while the switch is set to "on" may lead to accidents.*

- d) **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.*
- e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
- g) **If there is an option for installing dust suction devices and dust containers, these should be attached and used correctly.** *Use of dust collection can reduce dust-related hazards.*
- h) **Do not be lulled into a false sense of security and ignore the safety rules for power tools, even if you are well acquainted with power tools, having used them frequently.** *Using power tools without due care and attention can cause serious injuries in a split second.*

Power tool use and care

- a) **Do not overload 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.*
- b) **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.*
- c) **Disconnect the plug from the power source and/or remove the rechargeable battery from the power tool before making any adjustments, changing insertion tools or storing the power tool.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of the reach of children. Do not let any individual who is not familiar with the power tool or who has not read these instructions operate this power tool.** *Power tools are dangerous in the hands of untrained users.*

- e) **Maintain power tools and insertion tools with care. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If any parts of the power tool are damaged, have them repaired before use.** *Many accidents are caused by poorly maintained power tools.*
- f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **Use the power tool and insertion tools, etc., in accordance with these instructions. At the same time, consider 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.*
- h) **Keep handles and handle surfaces dry, clean and free from oil and grease.** *Slippery handles and handle surfaces will prevent you from operating and controlling the power tools safely in unforeseen situations.*

Service

- a) **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.*

Safety instructions for multifunction tools

- Hold the multifunction tool by the insulated handles when performing work where there is a risk of the fitted tool being used coming into contact with hidden power lines. Contact with a live line could also energize metallic parts of the device and inflict an electric shock.
- Always wear protective goggles and a dust mask, especially when sanding.
- Wear ear protection.
- Wear protective gloves when changing the fitted tools. Fitted tools become hot after prolonged use.
- Use the multifunction tool only for dry sanding.
- Only use the enclosed sandpaper. Any paper protruding from the sanding plate can cause serious injury.

- Never expose the multifunction tool to high temperatures (heaters etc.) or to the effects of the weather (rain etc.).
- Keep your hands away from the work area. Do not reach under the work piece. There is a risk of injury resulting from contact with the saw blade or scraper.
- Secure the workpiece. A workpiece held in place with clamping fixtures or in a vice is more secure than if held by hand.
- Only scrape materials that have not been moistened (e.g. wallpaper) and do not scrape on a wet base.
- Adopt a stance that prevents injury in the event of slipping off the workpiece.
- Only use fitted tools that are in proper technical condition.
- Fitted tools may become extremely hot. After making a cut, do not touch the fitted tool and make sure that the multifunction tool is kept in a safe place once you have finished work.
- When working on masonry or ceilings, take note of the location of electric pipes as well as water and sewage pipes.

Safety instructions for sanding paint

- Do not sand paints that contain lead. Determine whether the paint you intend to sand contains lead before beginning work. Dust from paints containing lead may cause lead poisoning.
- A special test or a commercial painting contractor can determine whether a paint contains lead. If in doubt, you should wear a special dust mask to protect you from fine particles containing lead. Consult a specialist for information on suitable dust masks.
- Sanding coats of paint containing lead, various types of wood and metals could produce hazardous or poisonous dust. Coming into contact or inhaling the dust may pose a risk to the operator or nearby persons. Wear suitable protective equipment to protect yourself and nearby persons from coming into contact or inhaling this dust. Normal dust masks do not provide proper protection.
- Do not allow children or pregnant persons to enter the room or work area where you are sanding.
- Do not eat, drink or smoke while working. Clean your hands before you eat, drink or smoke. Do not leave any food or beverages exposed as there is a risk of dust accumulating in them.
- After sanding, thoroughly clean the surfaces of the work area.

Safety instructions for dust extraction

Dust from materials whose constituents include paint coats containing lead, some types of wood, minerals and metal could be harmful to health. Coming into contact or inhaling such dust could cause allergic reactions and/or respiratory illness on the part of the user or persons in the immediate vicinity. Certain dusts such as oak or beech dust are considered carcinogenic, particularly in combination with wood treatment additives (chromate, wood preservatives).

- Always use a dust extractor.
- Use a special extractor to extract types of dust, which are particularly harmful to health, carcinogenic or dry.
- Make sure the work area is adequately ventilated.
- Wear a P2 dust mask (filter class) when performing work that produces dust. If the multifunction tool has a port for dust extractors and/or dust collectors, connect the dust extractor to it.
- Observe the regulations in your country that apply to the materials you intend to work on.
- When disposing of dust, be particularly careful as the dust of some materials may be explosive. Do not dispose of sanding dust in fire. Mixtures of dust particles containing oil or water could spontaneously ignite over time.

Safety precaution for fire prevention

- Keep an extinguisher on hand.
In the event of wood and paper fires: powder fire extinguisher (fire class ABC) or foam fire extinguisher (fire class AB).
For electrical fires: Carbon dioxide (CO2) fire extinguisher (fire class B).

Safety precautions for persons with medical implants

Every power tool generates an electromagnetic field during operation that may interfere with the functioning of medical implants (e.g. pacemakers) under unfavourable conditions.

Before working with the power tool:

- Consult a physician.
- Ask the manufacturer of your implant.

Preparation

Checking the multifunction tool and pack contents

1. Lift the multifunction tool out of the packaging with both hands.
2. Check to make sure that the delivery is complete (see **Fig. A**).
3. Check whether the multifunction tool or the individual parts exhibit damage. If this is the case, do not use the multifunction tool. Contact the manufacturer at the service address specified on the warranty card.

Familiarising yourself with the functional principle

The multifunction tool does not rotate the fitted tool; instead, it oscillates it back and forth.

Familiarising yourself with permissible materials

You can use the following tools to process the listed materials:

Plunge-cut saw blade 7

Materials: Wood, plastic, gypsum and other soft materials

Application: Separating cuts and plunge-cuts, cutting near the edge in hard-to-reach areas, sawing slots

Segment saw blade 8

Materials: Wood, plastic

Application: Separating cuts and plunge-cuts, sawing near the edge in hard-to-reach areas (e.g. cutting door frames to length), adjusting panels

Sanding plate 9

Materials: Wood and metal (corresponding sanding sheets are included in the package contents)

Application: Sanding along edges and in hard-to-reach areas

Scraper 10

Materials: Mortar/concrete residue, tile/carpet adhesive, paint/silicon residue

Application: Removing leftover material (e.g. carpet adhesive residue on the floor)

Preparing the multifunction-tool



WARNING!

Risk of injury!

Accidentally starting the multifunction tool may result in severe injury.

- Before attaching tools, pull the mains plug out of the socket.

Mounting the handle

- Screw the handle **12** into the thread **5**.

Make sure that you screw the handle onto the left side of the multifunction tool if you are right-handed and onto the right side if you are left-handed.

Connecting the dust extractor



WARNING!

Health hazard!

Improper dust extraction could cause injury to health.

- Read and observe the chapter on safety “Safety instructions for dust extraction” at the beginning of this user manual.

1. Use the two hooks on the front metal housing and the rear holding clip **15** on the bottom of the multifunction-tool to secure the extractor line **14** (see **Fig. B**).
Make sure that the extractor line is correctly connected to the multifunction tool and that the holding clip has locked into the recess.
2. Attach the dust extraction adapter **13** to the connecting nozzle of the extractor line and turn the dust extraction adapter anticlockwise until tight.
3. Connect a suitable suction device to the dust extraction adapter (e.g. shop vacuum cleaner).

Mounting tools



WARNING!

Risk of injury!

If you mount the tools incorrectly and they are therefore able to come into contact with your hand during use, there is a risk of injury.

- Do not mount the tools so that they could come into contact with your hand. For example, do not allow the blades to point towards your hand.



CAUTION!

Risk of injury!

When flipping the clamping lever, the clamping mechanism generates a large amount of spring force, which will snap the clamping lever back and may injure you.

- Always completely flip the clamping lever by 180° or up to the stop point before you let go of the clamping lever.
- Avoid having the clamping lever come into contact with other objects when in an open state. Otherwise, it can easily spring back.
- Make sure that your fingers are not clamped in while mounting the tool.

The tool may only be mounted once the extractor line 14 has been secured.

To ensure the safety and quality of the work, only use undamaged fitted tools in good condition.

The tool holder 6 of the multifunction tool enables you to mount the tool in different positions using the quick release mechanism.

1. Open the clamping lever 2 all the way by flipping it up to the stop point (see **Fig. C**). If applicable, remove any fitted tool that is already mounted.
2. Place the tool on the tool holder at the desired angle (see **Fig. E**). When using the plunge-cut saw blade 7 and the scraper 10, make sure to insert the tools the right way around (see **Fig. F**).
3. Engage the locking bracket 1 (see **Fig. D**).
4. Close the clamping lever so that it locks into place.
5. Ensure that the tool is securely fixed in place.

Placing the sanding sheet on the sanding plate/ changing the sanding sheet

Attach the desired sanding sheet 11 to the sanding plate 9 with the hook and loop fastener. Make sure that the sanding sheet is not protruding.

The sanding sheet must be completely attached to the sanding plate with the hook and loop fastener and must be smooth.

To ensure best dust extraction, make sure that the holes in the sanding sheet correspond to the holes on the sanding plate.

- To remove the sanding sheet, take hold of it by the tip and pull it off of the sanding plate.

Operation

Preselecting the oscillation rate

You can use the oscillation rate preselector **4** to adjust the speed variably between 15,000 rpm and 23,000 rpm. Level 1 represents the minimum oscillation rate; level 6 represents the maximum oscillation rate. You can adjust the oscillation rate while the multifunction-tool is switched on.

- To set the oscillation rate, turn the oscillation rate preselector to the desired level. The required oscillation rate depends on the work material and the working conditions and must be determined in practice.

Switching the multifunction tool on and off

- To switch the multifunction tool on, push the On/Off switch **3** to position 1.
- To switch the multifunction tool off, push the On/Off switch to position 0.

Working with the multifunction tool

Sawing

Only use sharp saw blades in undamaged, good condition. Bent or dull saw blades could brake, negatively affect the cut or cause kickback.

The plunge-cut saw blade **7** and the segment saw blade **8** can be mounted at different angles (between -90° and +90°) depending on your needs. This way, you can avoid substantial wear of the segment saw blade along a certain edge area.

- Before cutting wood, particleboard, construction materials etc. with HCS saw blades, check for debris like nails, screws etc. Remove the debris or use saw blades that are also suitable for cutting steel (e.g. bi-metal saw blades).

When plunge cutting, only soft materials like pine/spruce wood, gypsum cardboard or the like may be processed.

Scraping

For best results, the scraper **10** must be sharpened regularly. Work on a soft base (e.g. wood) at a flat angle and while applying minimal contact pressure. Otherwise, the scraper could cut into the surface.

- Select a moderate to high oscillation rate for scraping.

Sanding

- Select a high oscillation rate for sanding.

Follow the instructions below for proper sanding:

- Move the multifunction tool parallel and circularly over the surface or alternately in longitudinal and transverse directions.

- The material removal rate and sanding quality are primarily determined by the selection of the sanding sheet **11**, the preselected oscillation rate and the pressing force.
- Press the multifunction-tool evenly and not too hard against the workpiece. Pressing too strongly does not increase performance.
- Only work with the tip or an edge of the sanding plate **9** to sand profiles and fillets.
The sanding sheet can heat up significantly when sanding individual points. Reduce the oscillation rate and contact pressure and let the sanding sheet cool off regularly.
- Do not use the multifunction tool with liquid polishing agents or abrasives.
- If only one corner is worn down, move the sanding sheet by 120°.

Cleaning and maintenance



WARNING!

Risk of injury!

Accidentally starting the multifunction tool may result in severe injury inflicted by the saw blade.

- Pull the mains plug out of the socket.



WARNING!

Burn hazard!

Some of the tools get hot during operation and you could burn yourself.

- Always let the tool cool off completely before cleaning.

NOTICE!

Risk of damage!

Improper handling of the multifunction tool may result in damage to the multifunction tool.

- Do not use any aggressive cleaners, sharp or metallic cleaning utensils such as knives, hard scrapers and the like. They could damage the surfaces.

- Make sure that no water or other liquids penetrate the housing of the multifunction tool.

Cleaning the multifunction tool

After every use

1. Unlock the extractor line **14** and remove it from the multifunction tool.
2. Use a soft brush or compressed air to clean the extractor line and the housing.
3. Wipe the housing off with a damp cloth if heavily soiled and then wipe it completely dry.
4. Attach the extractor line to the multifunction tool again.

After every eight hours of operation

1. Unlock the extractor line and remove it.
2. Use commercially available universal oil to lubricate the moving parts of the tool holder **6**.
3. Attach the extractor line to the multifunction tool again.

Checking the multifunction tool

Check the condition of the multifunction tool regularly. Among other things, check to make sure:

- that the On/Off switch **3** is not damaged,
- that the fitted tool is in proper condition,
- that the pins on the tool holder **6** are in good working condition,
- that the clamping mechanism is able to firmly and reliably fix the fitted tool in place,
- that the mains cord is undamaged.

If you identify any damages, you must have them repaired by a specialist workshop to prevent risks.

Storage and transport

NOTICE!

Risk of damage!

Improper storage or transport of the multifunction tool could damage it.

- Store and transport the multifunction tool in a clean, dry and frost-free location. Always use the enclosed storage case to store and transport

the multifunction tool and the accessories. Other storage locations and transport possibilities do not adequately protect the multifunction tool.

1. Clean the multifunction tool thoroughly before storing it (see chapter “Cleaning and maintenance”).
2. Make sure that the multifunction tool and the accessories are completely dry.
3. If possible, store or transport the clean multifunction tool and accessories in the storage case 16.

Troubleshooting

Some problems may be caused by minor faults that you can fix yourself. To do so, follow the instructions in the following table.

If it is still not possible to resolve the problem with the multifunction tool, contact after sales support.

Problem	Possible cause	Solution
The handle 12 or the multifunction tool cannot be mounted.	The thread 5 is dirty.	<ul style="list-style-type: none"> – Always keep the thread clean as described in the chapter “Cleaning and maintenance”.
	The tool holder 6 is damaged.	<ul style="list-style-type: none"> – Contact the after sales support of the manufacturer and have the damaged or defective part replaced.
The extractor line 14 or the dust extraction adapter 13 is loose/ keeps falling off.	The extractor line or the dust extraction adapter is not properly mounted.	<ul style="list-style-type: none"> – Use the holding clip 15 on the housing of the multifunction tool to secure the extractor line. – Push the dust extraction adapter firmly onto the connecting nozzle of the extractor line and turn it anticlockwise to fix it in place.
The multifunction tool cannot be switched on.	The On/Off switch 3 is stuck.	<ul style="list-style-type: none"> – Keep the On/Off switch clean as described in the chapter “Cleaning and maintenance”.
	The On/Off switch is defective.	<ul style="list-style-type: none"> – Contact the after sales support of the manufacturer and have the damaged or defective part replaced.

Problem	Possible cause	Solution
The tool holder 6 does not move after switching on the multifunction tool.	There is dirt, wood chips or other objects located in the gap of the tool holder.	<ul style="list-style-type: none"> – Pull the mains cord out of the socket and clean the gap of the tool holder with a vacuum cleaner if necessary.
	The multifunction tool is defective.	<ul style="list-style-type: none"> – Please contact the after sales support of the manufacturer.
The oscillation speed can not be increased or decreased.	The oscillation rate preselector 4 is dirty.	<ul style="list-style-type: none"> – If necessary, clean the oscillation rate preselector and the gap with a vacuum cleaner.

Technical data

Multifunction tool

Article number:
Model / model number:

99148

FM 300 / WU5404043/WU5404044

Electrical data

Supply voltage:
Mains frequency:
Power consumption:
Idle oscillation rate:

230-240 V~

50 Hz

300 W

15 000-23 000 rpm

Physical data

Dimensions without accessories and cords
(L × W × H):
Oscillation angle:
Weight without tools:

308 × 63 × 99 mm

3.1°

1.6 kg

Noise/vibration information



WARNING!

Health hazard!

Working without ear protection and suitable protective clothing poses a health hazard.

- Wear ear protection and suitable protective clothing when working with the device.

The specified total vibration value and noise emission values have been measured according to a standardised test method (EN 62841-1 & EN 62841-2-4) and can be used to compare power tools with one another. They can also be used for a provisional assessment of the load.

Measured in accordance with DIN EN 62841-1 and EN 62841-2-4. The noise at your workplace may exceed 85 dB(A); protective measures are necessary in this case (wear suitable ear protection).

- Sound pressure level L_{pA} : 80.3 dB(A)
- Sound power level L_{WA} : 91.3 dB(A)
- Uncertainty K: 3.0 dB(A)

Attention!

While actually using the power tool, the vibration and noise emission values may differ from the levels specified depending on how the power tool is used, in particular which type of workpiece is being worked on.

Try to keep vibration and noise emissions as low as possible. The following are examples of measures you can take to reduce vibration emissions:

- wearing gloves when using the tool
- limiting the working hours
- using accessories that are in good condition
- maintaining and cleaning the device regularly
- switching off the device when it is not in use
- avoiding subjecting the device to excessive loads

The aforementioned values are noise emission values and therefore, do not necessarily represent safe values for the workplace. The correlation between emission and immission levels cannot reliably provide for a conclusion as to whether additional precautionary measures are necessary or not.

Factors that could affect the respective immission level present at the workplace involve the specification of the work area, the surrounding area, the duration of exposure, other noise sources etc.

You must also observe any divergences in national regulations with respect to the permissible workplace levels. The aforementioned information does, however, allow the user to better assess dangers and risks.

Hand/arm vibration:

Operation (Sanding)

- Main handle a_h 1.953 m/s²
- Extra handle a_h : 2.636 m/s²
- Uncertainty K: 1.5 m/s²

Idle

- Main handle a_h 5.711 m/s²
- Extra handle a_h : 8.837 m/s²
- Uncertainty K: 1.5 m/s²

ATTENTION!

The aforementioned vibration emission level (vibration value) has been measured in accordance with a standardised test method specified in DIN EN 62841-1 and EN 62841-2-4 and can be used to compare one power tool with another. It is also suited for preliminary estimation of exposure to vibration. The vibration emission level during actual use of the tool can differ from the declared vibration level depending on the way in which the air shears are used, for example:

- Condition of the multifunction tool or proper maintenance,
- Type of material and use of the multifunction tool,
- use of the right accessories and whether they are in good condition,
- A firm grip of the multifunction tool by the operator,
- Proper use of the multifunction tool as described in this user manual.

Improper use of the multifunction tool can cause vibration-related ailments.

ATTENTION!

Depending on how the tool is used and the operating conditions, the following safety precautions must be taken to protect the user:

- Avoid exposure to vibrations as much as possible.
- Only use accessories in perfect working order.
- Wear vibration-damped gloves when using the multifunction tool.
- Follow the user manual on care and maintenance of the multifunction tool.
- Avoid using the multifunction tool at temperatures below 10 °C.
- Plan your work steps so as not to use the strongly vibrating multifunction tool over several consecutive days.

Disposal

Disposing of the packaging



Sort the packaging materials according to type and dispose of each separately. Dispose of paperboard and cardboard with waste paper and plastics with recyclable waste.

Disposal of the multifunction tool

- Dispose of the multifunction tool in accordance with the applicable disposal regulations for your country.



Old appliances must not be disposed of in the household waste!

This symbol indicates that this product must not be disposed of together with domestic waste in compliance with the Directive (2012/19/EU) pertaining to waste electrical and electronic equipment (WEEE). This product must be handed in at a collection point intended for the purpose. This can occur, for example, by handing it in at an authorised collecting point for the recycling of waste electrical and electronic equipment. Owing to potentially hazardous substances that are frequently contained in waste electronic equipment, incorrect handling of waste equipment may have a negative impact on the environment and on the health of human beings. By disposing of this product correctly, you are also contributing towards an efficient use of natural resources. Information on collecting points for waste equipment can be obtained from your municipal authorities, the public law disposal authorities, an authorised institution for the disposal of waste electrical and electronic equipment or the waste collection services.

Declaration of Conformity



Commetall Meister GmbH
Oberkamper Straße 37-39
42349 Wuppertal
Germany



EC Declaration of Conformity

We declare with sole responsibility, 300W MULTIFUNCTION TOOL FM300
that the product listed below ...

FERREX® WU5404043/WU5404044 • 99148 • 10/2019 • BJ. 09/2019

... meets all of the requirements
of the listed directives.
2011/65/EU (RoHS)
2006/42/EC (MD)
2014/30/EU (EMC)

Applied, harmonized standards:
EN 62841-1:2015
EN 62841-2-4:2014
EN ISO 12100:2010
EN 55014-1:2017
EN 61000-3-2:2014
EN 61000-3-3:2013
EN 55014-2:2015
EN 50581:2012

Wuppertal,.....04.04.2019

A handwritten signature in black ink.

Ingo Heimann (M.Sc.)
Technical direction/Product development
Commetall Meister GmbH - Oberkamper Straße 37-39 - 42349 Wuppertal - Germany
Authorized person for storing the technical documentation.



Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 3 years after date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product, please contact us via our helpline support services, details of which are to be found both in this manual and on the product itself.



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10/2019

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