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Absauganlage

Übersetzung / Translation

EN USER MANUAL

Vaccum extractor

CZ NÁVOD NA OBSLUHU

ODSÁVÁNÍ

SL NAVODILA ZA UPORABO

SESALNA NAPRAVA

HR UPUTE ZA UPORABU

UREĐAJ ZA USISAVANJE



ZI-ASA550E

EAN: 9120039233611





11 PREFACE (EN)

Dear Customer!

This manual contains important information and advice for the correct and safe use and maintenance of the dust collector ZI-ASA550E.

Following the usual commercial name of the device (see cover) is substituted in this manual with the name "machine".

The manual is part of the machine and may not be stored separately. Read it profoundly before first use of the machine and keep it for later reference. When the machine is handed to other persons always put the manual to the machine.

Please follow the security instructions!

Please read the entire manual, to prevent misunderstandings, machine damage or even injuries!



Due to continuous development of our products illustrations, pictures might differ slightly.

If you however find errors in this manual, please inform us.

Technical changes excepted!

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12 SAFETY

12.1 Intended Use

The machine must only be used for its intended purpose! Any other use is deemed to be a case of misuse.

To use the machine properly you must also observe and follow all safety regulations, the assembly instructions, operating and maintenance instructions lay down in this manual.

All people who use and service the machine have to be acquainted with this manual and must be informed about the machine's potential hazards.

It is also imperative to observe the accident prevention regulations in force in your area.

The same applies for the general rules of occupational health and safety.

The machine is used for:

Extract of wood dust, wood and plastic chips.

Any manipulation of the machine or its parts is a misuse, in this case ZIPPER-MASCHINEN and its sales partners cannot be made liable for ANY direct or indirect damage.

Even when the machine is used as prescribed it is still impossible to eliminate certain residual risk factors.



WARNING

- **Inflammable gases (e.g. paint or varnish mist) must not be extracted.**
- **Polyethylene dust bags must be a minimum thickness of 0,2mm!**
- **When using bags made of other materials the mechanical strength must be the same!**
- **Refer the user manual of the connected woodworking machine!**

Ambient conditions

The machine may be operated:

humidity

max. 70%

temperature

+5°C to +40°C (+41°F to +104°F)

The machine shall not be operated outdoors or in wet or damp areas.

The machine shall not be operated in areas exposed to increased fire or explosion hazard.

Prohibited use

- The operation of the machine outside the stated technical limits described in this manual is forbidden.
- The use of the machine not according with the required dimensions is forbidden.
- The use of the machine not being suitable for the use of the machine and not being certified is forbidden.
- Any manipulation of the machine and parts is forbidden.
- The use of the machine for any purposes other than described in this user-manual is forbidden.
- The unattended operation on the machine during the working process is forbidden!
- It is not allowed to leave the immediate work area during the work is being performed.

12.2 Security instructions

Missing or non-readable security stickers have to be replaced immediately!

The locally applicable laws and regulations may specify the minimum age of the operator and limit the use of this machine!

To avoid malfunction, machine defects and injuries, read the following security instructions!



- Keep your work area dry and tidy! An untidy work area may cause accidents. Avoid slippery floor.
- Make sure the work area is lighted sufficiently
- Do not overload the machine
- Always stay focused when working. Reduce distortion sources in your working environment. The operation of the machine when being tired, as well as under the influence of alcohol, drugs or concentration influencing medicaments is forbidden.
- Work in a well ventilated area!

- Respectively trained people only and only one person shall operate the machine.
- Do not allow other people, particularly children, to touch the machine or the cable. Keep them away from your work area.
- Make your workshop childproof.
- Make sure there is nobody present in the dangerous area. The minimum safety distance is 2m



- Wear suitable work clothes! Do not wear loose clothing or jewelry as they might be caught and cause severe accidents!
- Wear a hair net if you have long hair.
- Loose objects can become entangled and cause serious injuries!



- Use personal safety equipment: dust mask, ear protectors and safety goggles when working with the machine.



- Never leave the machine running unattended! Before leaving the working area switch the machine off and wait until the machine stops.
- Always disconnect the machine prior to any actions performed at the machine.
- Avoid unintentional starting
- Do not use the machine with damaged switch



- The plug of an electrical tool must strictly correspond to the socket. Do not use any adapters together with earthed electric tools
- Each time you work with an electrically operated machine, caution is advised! There is a risk of electric shock, fire, cutting injury;
- Protect the machine from dampness (causing a short circuit)
- Use power tools and machines never in the vicinity of flammable liquids and gases (danger of explosion)
- Check the cable regularly for damage
- When working with the machine outdoors, use extension cables suitable for outdoor use
- Do not use the cable to carry the machine
- Protect the cable from heat, oil and sharp edges
- Avoid body contact with earthed
- FIRE HAZARD:
Especially the aspiration of lightly flammable materials like gases, liquids, metal dust or chippings, solvents, hot ashes, cigarette waste ... is strictly forbidden!
- Do not insert any objections into the dust collector hood and keep hand away from the dust collector hood when machine is connected to power supply.
- Regularly check the dust collector hood for debris and clean it if necessary.
- Do not dismount the protective fence in the dust collector hood. It is a security component and must be left in place.



12.3 Remaining risk factors

Despite of correct and proper use and maintenance there remain some residual risk factors:

- **Hazard of injury or machine damage due to undetected machine defect**

To minimize this risk, check the machine prior to every operation for loose screws and connections. Check the motor noise, the collector tubes, filter bag, dust collector bag and impeller for eventual damage. Damaged parts have to be replaced immediately, no operation of the machine in the meantime!

- **Hazard of electric shock**

Undetected malfunctions in the power supply and/or the connected wood working machine might result in electric shock when touching the machine. Ensure proper electric installation, and let it check periodically by a trained electrician.

- **Danger due to unintended machine start-up**

Eliminate this risk by disconnecting the machine before you perform any checks or activities on the machine.

- **Hazard of inhaling toxic wood dust**

Especially wood dust arising from chemically treated wood and/or lacquer/paint are harmful when inhaled. Therefore let the dust settle for 10 Minutes before you change the dust collector bag and wear a suitable breathing mask if required.

13 ASSEMBLY

13.1 Delivery content

Please check the product contents immediately after receipt for any eventual transport damage or missing parts. Claims from transport damage or missing parts must be placed immediately after initial machine receipt and unpacking before putting the machine into operation. Please understand that later claims cannot be accepted anymore.

13.2 Workplace requirements

The workplace has to fulfill the requirements.

The ground has to be even, in level and hard. It must be suitable at least to weight it with double weight per square meter than the machines net weight.

The chosen workplace must have access to a suitable electric supply net hat complies with the machines requirements.

13.3 Power supply



ATTENTION

When working with non-grounded machines:





Severe injury or even death may arise though electrocution!

Therefore: The machine must be operated at a grounded power socket

The connection of the machine to the electric power supply and the following checks have to be carried out by a respectively trained electrician only.

1. The electronic connection of the machine is designated for operation with a grounded power socket!
2. The connector plug may not be manipulated.
3. The mains supply must be secured with 10A:
4. If the connector plug doesn't fit or if it is defect, only qualified electricians may modify or re-new it!
5. The grounding wire should be held in green-yellow.
6. A damaged cable has to be exchanged immediately!
7. Make sure that a possible extension cord is in good condition and suitable for the transmission of power. An undersized cord reduces the transmission of power and heats up.
8. A damaged cable must be replaced immediately



	NOTICE		
	Operation is only allowed with safety switch against stray current (RCD max. stray current of 30mA)		
	NOTICE		
	Use only permitted extension cable with cross-section the one in the following table declared.		
Voltage		Extension	Cross-section
220 V-240 V 50 Hz		<27 m	1,5 mm ²
		<44 m	2,5 mm ²
		<70 m	4,0 mm ²
		<105 m	6,0 mm ²

13.4 Assembly (Fig. 1-11)

Important! Pull out the power plug before carrying out any maintenance, resetting or assembly work on the vacuum extraction system!

- Fig1.: Screw on both side parts (1+2). For each side part you require 2 cup square screws M8x40 2 combi nuts M8
- Fig2.: Screw on the transverse joint (4) For the connection you require: 4 cup square screws M8x10, 4 combi nuts M8
- Fig3.: Put the pre-assembled device unit on the side parts.
- Fig4.: Fix first one side with each 2 round-head screws M5x16 and hexagon nut M5. Now fix the other side. Then, fasten the four screw connections.
- Fig5.: Put on the extraction hose (7). Fasten the extraction hose by refastening the screw on the hose clip (17) a few revolutions.
- Fig6.: Put on the saw dust collection bag (14)
- Fig7.: Fasten the saw dust collection bag by attaching the quick release fastener (6).
- Fig8.: Hang in the bag suspension (9).
- Fig9.: Put on the filter bag (15)
- Fig10.: Fasten the filter bag by attaching the quick release fastener (6).
- Fig11.: Hang in the filter bag.

14 OPERATION

Device to be operated in a perfect state only. Inspect the device visually every time it is to be used. Check in particular the safety equipment, electrical controls, electric cables and screwed connection for damage and if tightened properly. Replace any damaged parts before operating the device.

14.1 Operation instructions

	WARNING		
	Perform all machine settings with the machine being disconnected from the power supply!		
	HINWEIS		
	<ul style="list-style-type: none">• Place the machine next to the woodworking machine in a way that it will not interfere with your work!• Start to work with the woodworking machine only until the dust collector has reached full speed!		



14.2 Connection of dust collector to machine

Dust collector plug: Ø 100mm

Ensure dust collector tubes to be composed of hardly inflammable material and antistatic.

The total distance between dust collector hood and machine dust collector hood shall not exceed 10 meters.

14.3 Switch unit

On-off-switch:

Press green button (I): turn on

Press red button (0): turn off



14.4 Switching on

- Check that extractor hose (6) is attached firmly to the adapter of both vacuum extractor and woodworking machine.
- Check if dust collecting bags (7/8) are tightened well.
- Start the dust collector by pressing the green button "I".
- Now you can start the woodworking machine.

14.5 Switching off

- Switch off the woodworking machine
- Switch off the woodworking machine by pressing the red button „0" or by pressing the Emergency button (17).

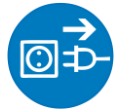
14.6 Emptying the debris bags

The debris collector bag (7) shall be controlled on a regularly basis and emptied if necessary. Empty bags when they are approximately 2/3 full.

- Attention: Disconnect from power supply!
- Shake the dust bag. Let the dust settle down for 5 minutes.
- Grasp collector bag with left hand.
- Release the quick clamp (9)
- Take the bag and dispose the content meeting environmental standards.
- Fix the empty bag onto the holding device and fix it with the quick clamp (9).



15 MAINTENANCE



ATTENTION

Don't clean or do maintenance on the machine while it is still connected to the power supply:

Damages to machine and injuries might occur due to unintended switching on of the machine!

Therefore: Switch the machine off and disconnect it from the power supply be-fore any maintenance works or cleaning is carried out

The machine does not require extensive maintenance. If malfunctions and defects occur, let it be serviced by trained persons only.

Before first operation as well as later on every 100 operation hours you should lubricate all connecting parts (if required, remove beforehand with a brush all swarfs and dust).

Check regularly the condition of the security stickers. Replace them if required.

Check regularly the condition of the machine.

The good condition and perfect adjustment of the guiding rollers is essential for a smooth band guidance and a clean cut.

Store the machine in a closed, dry location.

NOTICE

Clean your machine regularly after every usage – it prolongs the machines lifespan and is a pre-requisite for a safe working environment.

Repair jobs shall be performed by respectively trained professionals only!

15.1 Maintenance plan

- Clean regularly the filter bag to ensure its filter capacity.
- You should check the dust collector hood regularly for deposits that cumulate especially on the protective fence and clean if necessary. Failure to do so will result in lower suction capacity and motor overload.
- Do not dismount the protective fence, it is a security component.

15.1.1 Change of dust collector bag

Empty dust collector bags when they are 60-70% full.

Switch the dust collector off and let the dust settle at least for 10 minutes.

Disconnect the dust collector from the power supply.

Do not use a dust collector bag twice.

Use solely certified dust collector bags, which match with the technical specifications, especially Ø and height, of the dust collector



15.2 Cleaning

After each workshift the machine has to be cleaned. Remove chips etc. with a suitable tool. Do not remove them by hand (cutting injury!). Remove dust as well.



NOTICE

The usage of certain solutions containing ingredients damaging metal surfaces as well as the use of scrubbing agents will damage the machine surface!

Clean the machine surface with a wet cloth soaked in a mild solution

15.3 Disposal

Do not dispose the machine in residual waste. Contact your local authorities for information regarding the available disposal options. When you buy at your local dealer for a replacement unit, the latter is obliged to exchange your old.



16 TROUBLE SHOOTING

BEFORE YOU START WORKING FOR THE ELIMINATION OF DEFECTS, DISCONNECT THE MACHINE FROM THE POWER SUPPLY.

Trouble	Possible cause	Solution
The magnetic support has no magnetic force	• Switch defective	• Repair switch
	• Power supply is off	• Repair power supply
	• Fuse is defectivet	• Change fuse
	• Electric contactor is defective	• Repair or change electric contactor
Dust emerges from	• Leaking or blocked connections	• Check connection • Remove blockages
	• Dust bag or filter bag is defective or incorrectly installed	• Check bags • Change defective bags
Loud noise in the fan wheel housing	• Extracting of a big part	• Switch of the machine, disconnect the machine and remove the part
	• Loosen fan wheel	• Tighten the fan wheel

MANY POTENTIAL SOURCES OF ERROR CAN BE CLEARED BY THE EXPERTLY CONNECTION TO THE ELECTRICITY GRID.



NOTICE

Should you in necessary repairs not able to properly to perform or you have not the prescribed training for it always attract a workshop to fix the problem.