



SAFETY ADVICES

1. General

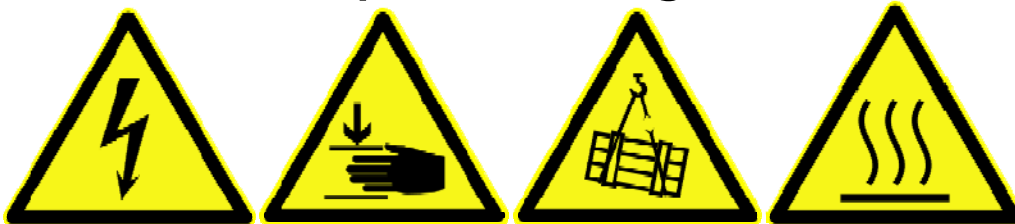
This manual

- contains notes on mode of operation, operating and maintenance of the machine
- contains important information for safe working with the unit
- Is intended for the instructed staff who operate the machine and the service technician

2. Description of safety symbols and advices

- Danger! Indicates a direct danger. If it is not avoided, grave injuries or death can result.
- Warning! Indicates a possibly dangerous situation. If it is not avoided, grave injuries or death can result.
- Caution! Indicates a dangerous situation. If it is not avoided, slight injuries or property damage can result.
- General advice! Indicates a possibly damaging situation, in which the machine or other property may be damaged.
- Important! For instructions for use and other information.

3. Beware of specific dangers



1. Dangerous electrical Voltage
2. Attention – can cause hand injury
3. Attention – overhead loads
4. Attention – hot surface



SAFETY ADVICES

4. Further Symbols



1. Wear safety boots
2. Use eye protection
3. Use ear protection
4. Use protective gloves
5. Gloves prohibited

The symbols shown above may apply depending on the specific working situation (operation / maintenance).

5. General security advice

This unit has been built according to the EC-machine-directives, considering the current state of technology and safety standards.

However, danger to life and physical condition of the operator or third persons, as well as damages to the unit or property may occur.

The unit is only to be used according to its intended purpose and in safety-related faultless condition.

The operational safety of the machine can only be guaranteed if the machine is used only according to its intended use.

Intended use

- AFT milling-, scouring and polishing-machines must only be used for milling, scouring and polishing, thus for shoe-repair, respectively for the production of orthopedic shoes, insoles and other orthopedic products.
- The unit is only to be used in the dry inside of buildings.
- Wear personal protective equipment like eye and ear protection when operating the unit
- Use machine only with operative (efficient) exhaustion.
- Do not operate the machine in potentially explosive or corrosive atmosphere.



SAFETY ADVICES

Foreseeable improper use

Any other use than the ones defined below "Intended use", is considered as improper use.

For damages resulting from improper use:

- The operator is fully responsible
- the manufacturer assumes no liability

Improper use can cause dangers.

The following applications are prohibited

- working other Material, especially metal (fire hazard)
- Working on the machine without personal safety equipment and without operative exhaustion.

Warning against unauthorized modification

Unauthorized modifications and changes will result in the expiry of the guarantee and liability of the manufacturer and will invalidate the EC Declaration of conformity. Unauthorized changes and modifications can alter the electrical behavior of the machine.

Changes or modifications must therefore not be made without prior informing the manufacturer and without the manufacturer's written consent.

Spare and wear Parts

The use of spare and wear parts which have not been delivered by the machine manufacturer can compromise the operating safety.

Use only genuine parts or parts that have been approved by the manufacturer.

The manufacturer will not be held liable and will not accept any warranty claims for all damage resulting from the use of spare parts which have not been delivered by himself.

6. Safety warnings for normal operation

When operating the machine dangers and disturbances can occur

- For life and physical condition of the operator or third persons
- for the machine itself
- for other property

Basis for the safe handling and the undisturbed operation of this machine is the knowledge of the safety and general advices of this manual

Important!



SAFETY ADVICES

This manual has to be kept next to the machine!
Ensure that all personnel working on or with the machine has access to this manual at any time.

Furthermore must be considered:

- general and local safety at work and environmental regulations
- This manual is to be considered as part of the machine

This Manual belongs to the machine and has to be handed over in case of a sale

6. Other dangers

This machine has been built according to the current state of technology and safety standards.

However, danger to life and physical condition of the operator or third persons, as well as damages to the unit or property may occur.

Additional to the measures adopted by the manufacturer against danger from residual energy, appropriate measures must be taken by the operator.

The personnel has to be instructed about these dangers and the appropriate counter measures

The following dangers are especially indicated:

Danger	Counteraction
Rotating tools	Work only with closed and tight fitting clothes And put sleeves up inside Bind long hair together or wear a hair net
After running tools	Beware after switching off and after emergency-stops the aggregates go on running for a while. Never put your hands into the machine before the complete still stands.
Measures after power breakdown or high thermal load	Before working on mechanical or electrical parts of the machine, put the main switch off and pull the plug
Danger for the operator because of too narrow working space	In front of the machine has to be a minimum space of 1,5 m of free working space
Unintended start during changing of tools	Before changing tools put the main-switch off and pull the plug
Reaching into the inside of the machine	The front panel of the machines has to be locked every time.
Fire hazard	Metals must not be worked. Exception scouring nails of heels: dust flaps have to be closed



SAFETY ADVICES

Dust formation	Never use the machine without operative exhausting
Harmful fumes	The suction of milling-, scouring and polishing machines is only constructed for filtering small dust particles. For filtration of fumes additional filters are necessary.
Hot surfaces on aggregates and tools	After longer operation times surfaces of motors and tools must not be touched.

8. Operating controls

The main switch: Switches on or off the electric power supply of the machine.
On-off-switch: switches on or off the several aggregates

9. Emergency-stop-switch

The machine is not equipped with a separate emergency-stop pushbutton.

In case of emergency, the machine must be switched off immediately using the main switch. Switching the main switch to the "OFF" position disconnects the machine from the electrical power supply.

Due to the mass inertia of rotating tools and aggregates, the machine components may continue running for a short period after power disconnection. This run-down time is technically unavoidable.

Attention:

Never reach into the working area until all rotating parts have come to a complete standstill.

The protective concept of the machine is based on:

Immediate disconnection of electrical power via the main switch

Mechanical protection against access to rotating parts

Clear instruction regarding residual run-down hazards

The risk assessment carried out in accordance with the Machinery Directive 2006/42/EC determined that an additional emergency-stop device is not required for this machine type.

The main switch must remain easily accessible at all times.



SAFETY ADVICES

10. Personal safety equipment

- When transporting the machine and when emptying the machine safety the following equipment has to be worn:



Safety shoes

- During all work operations like milling or polishing the following personal safety equipment:



Protective goggles



ear protection

- When handling sharp tools , the following:



protective gloves

Wearing protective gloves at machines with rotating tools is prohibited.

11. Fire prevention

There is remaining risk of fire, caused by hot or glowing particles permeating dusty areas. To counteract this hazard, fire extinguisher must be positioned in close range to the machine.

12. Lighting

The machine is not equipped with a working bench lighting. It must be provided with sufficient lighting by the operator.

Suitable lighting

- Candle power milling area: 750 lx
- Candle power band scouring, polishing, naumkeag: 500 lx