

Operating Instructions

— Sandblasting Cabinet

— SSK 1

— SSK 1.5



SSK 1



SSK 1.5

SSK SERIES

Imprint

Product identification

Sandblasting Cabinet	Item number
SSK 1	6204000
SSK 1.5	6204010

Manufacturer

Stürmer Maschinen GmbH
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Indications regarding the operating instructions

Original instructions

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Indications regarding the operating instructions

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Subject to technical modifications and error.

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1 Introduction

You have made a good choice by purchasing the UNICRAFT Sandblasting Cabinet.

Read the operating manual thoroughly before commissioning the machine.

It gives you information about the proper commissioning, intended use and safe and efficient operation and maintenance of your sandblasting cabinet.

The operating manual is part of the Sandblasting Cabinet. Always keep this operating manual in the location where your Sandblasting Cabinet is being operated. All local accident prevention regulations and general safety instructions for the operating range of your Sandblasting Cabinet must also be complied with.

1.1 Copyright

The contents of these instructions are copyright. They may be used in conjunction with the operation of the Sandblasting Cabinet. Any application beyond those described is not permitted without the written approval of Stürmer Maschinen GmbH.

We are claiming branded-, patent and design rights to protect our products, if this is possible in individual cases. We vigorously oppose any infringement of our intellectual property.

1.2 Customer service

Please contact your dealer if you have questions concerning your product or if you need technical advice. They will help you with specialist information and expert advice.

Germany:

Stürmer Maschinen GmbH
Dr.-Robert-Pfleger-Str. 26
D-96103 Hallstadt

Repair service:

Fax: 0049 (0) 951 96555-111
E-Mail: service@stuermer-maschinen.de
Internet: www.unicraft.de

Spare parts orders:

Fax: 0049 (0) 951 96555-119
E-Mail: ersatzteile@stuermer-maschinen.de

We are always interested in valuable experience and knowledge gained from using the application-which then could be shared and be valuable to develop our products even further.

1.3 Limitation of liability

All information and notes in these operating instructions were summarised while taking applicable standards and rules, the state-of-the-art technology and our long-term knowledge and experiences into consideration.

In the following cases the manufacturer is not liable for damages:

- Non-observance of the operating instructions,
- Inappropriate use
- Use of untrained staff,
- Unauthorised modifications
- Technical changes,
- Use of not allowed spare parts.

The actual scope of delivery may deviate from the explanations and presentations described here in case of special models, when using additional ordering options or due to latest technical modifications.

The obligations agreed in the delivery contract, the general terms and conditions as well as the delivery conditions of the manufacturer and the legal regulations valid at the time of the conclusion of the contract apply

2 Safety

This section provides an overview of all important safety packages for the protection of operating personnel as well as for safe and fault-free operation. Other task-based safety notes are included in the paragraphs of the individual phases of life.

2.1 Symbol explanation

Safety instructions

The safety notes in these operating instructions are highlighted by symbols. The safety notes are introduced by signal words which express the concern of the risk.



DANGER!

This combination of symbol and signal words indicates an imminently dangerous situation which may lead to death or severe injuries if they are not avoided.



WARNING!

This combination of symbol and signal words indicates a possibly dangerous situation which may lead to death or severe injuries if they are not avoided.



ATTENTION!

This combination of symbol and signal word indicates a possibly dangerous situation which may result mild or minor injuries.



NOTE!

This combination of symbol and signal words indicates a possibly dangerous situation which may lead to property and environmental damages if they are not avoided.

Tips and recommendations



Tips and recommendations

This symbol highlights useful tips and recommendations as well as information for an efficient and trouble-free operation.

It is necessary to observe the safety notes written in these operating instructions in order to reduce the risk of personal injuries and damages to property.

2.2 Obligations of the operating company

The operator is the person who operates the machine for commercial or economic purposes himself or leaves it to a third for use or application and bears the legal product responsibility for the protection of the user, personnel or third during operation.

If the sandblasting cabinet is used for commercial purposes, the operating company of the sandblasting cabinet must comply with the legal working safety regulations. Therefore, the safety notes in this operating manual, as well as the safety, accident prevention and environment protection regulations applying for the area of application of the sandblasting cabinet must be met. The following applies in particular:

- The operating company must be informed about the applying industrial safety regulations and further analyse hazards resulting from the special working conditions at the place of use sandblasting cabinet. She must implement these in form of operating manuals for the operation of the sandblasting cabinet.

- During the entire lifetime of the sandblasting cabinet, the operating company must verify whether the operating manuals prepared by her correspond to the current status of the regulations, and must adapt these if necessary.
- The operating company must unambiguously regulate and determine the responsibilities for installation, operation, troubleshooting, maintenance and cleaning.
- The operating company must ensure that all persons who work with the sandblasting cabinet, have read and understood this manual. Furthermore she must instruct the staff in regular intervals and inform them about the hazards.
- The operator must provide the necessary protective equipment to the staff and order the use of the necessary protective equipment in a binding way.

Furthermore the operating company is responsible to keep the sandblasting cabinet always in a technically flawless state. Thus, the following applies:

- The operator must ensure that the maintenance intervals described in this manual are kept.
- The operator must have all safety devices checked regularly for their good working order and their integrity.

2.3 Requirements to staff

The different tasks described in this manual represent different requirements to the qualification of the persons entrusted with these tasks.



WARNING!

Danger due to insufficient qualification of persons!

Insufficiently qualified persons cannot estimate the risks while using the machine and expose themselves and others to the danger of severe or lethal injuries.

- Have all works only performed by qualified persons.
- Keep insufficiently qualified persons out of the working area.

Only persons reliable working procedures can be expected from, are allowed to perform all works. Persons the responsiveness of which is affected by e. g. drugs, alcohol or medication, are not allowed to work with the machine.

The qualifications of the personnel for the different tasks are mentioned below:

Operator:

The operator is instructed by the operating company about the assigned tasks and possible risks in case of improper behaviour. Any tasks which need to be performed beyond the operation in the standard mode must only be performed by the operator if it is indicated in these instructions and if the operating company expressly commissioned the operator.

Electrician:

The electrician is due to their professional training, knowledge and experience as well as knowledge of the relevant standards and regulations able to work on electrical systems and independently recognize and avoid possible dangers. The electrician is specially trained for the work environment in which he works and knows the relevant standards and regulations.

Qualified personnel:

Due to their professional training, knowledge and experience as well as their knowledge of relevant regulations the specialist staff is able to perform the assigned tasks and to recognise and avoid any possible dangers themselves.

Manufacturer:

Certain works may only be performed by specialist personnel of the manufacturer. Other personnel is not authorized to perform these works. Please contact our customer service for the execution of all arising work.

2.4 Personal protective equipment

The personal protective equipment serves to protect persons against impairments of safety and health while working. The staff member has to wear personal protective equipment while performing different tasks on and with the machine which are indicated in the individual paragraphs of these instructions.

The personal protective equipment is explained in the following paragraph:



Head protection

The industrial helmet protects the head against falling objects and hitting on fixed objects.



Ear protection

The hearing protection protects against damages of hearing due to noise.



Respiratory protection

The respiratory protection protects the respiratory tract against the ingress of dust and small foreign bodies.



Use safety glasses!

The protective goggles serve to protect the eyes against parts flying off.



Protective gloves

The protective gloves serve to protect the hands against sharp components as well as against friction, abrasions or deep injuries.



Safety boots

The safety boots protect the feet against crushes, falling parts and slipping over on slippery underground.



Protective clothes

Protective clothes are made of a tightly fitted fabric without the protruding parts of low tear strength.

2.5 Safety Information

The sandblast cabin has a number of safety markings that must be observed and followed.

The safety labels must not be removed. Damaged or missing safety markings can lead to malfunctions, personal injury and material damage. They are to be replaced immediately.

If the safety markings are not immediately recognizable and comprehensible, the sandblasting cabinet should be taken out of service until new safety markings have been made.

The following safety labels and symbols are appropriate:

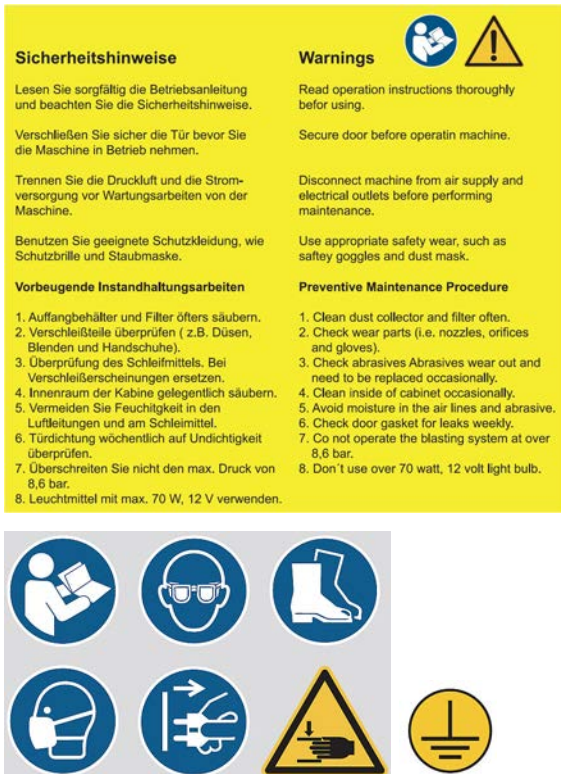


Fig. 1: Safety markings on the sandblasting cabinet

3 Intended use

The sandblasting cabinet SSK 1/SKK 1.5 must only be used to Rust removal and cleaning of metal surfaces with air tools using sandblasting with grain. The working pressure may be max. 8,6 bar (SSK1) and max. 7,9 bar (SSK 1.5) amount. The work may only be carried out in the closed box, where careful attention must be paid to absolute tightness.

The sandblasting cabin may only be operated by persons who have been instructed in this product.

Proper use also includes compliance with all information in this manual. Any use beyond the intended use or otherwise is considered misuse.

For structural and technical changes to the sand blasting cabin, the company Stürmer Maschinen GmbH assumes no liability.

Claims of any kind due to damage due to improper use are excluded.

4 Technical data

SSK 1

Model	SSK 1
Volume work cabin	90 liter
Working pressure	2,8 - 5,5 bar
Inlet pressure max.	8,6 bar
Blasting media Grit size (recommended)	0,2-0,3 mm
Blasting media Grain size (maximum)	0,125-0,45 mm
Compressed air connection	3/8"
Air requirements approx.	200-350 Liter/min
Electrical connection	230 V / 50 Hz
Inside dimensions working cabin (LxWxH front/back)	580 x 480 x 300/370 mm
Dimensions (LxBxH)	590 x 489 x 490 mm
Weight	17 kg

SSK 1.5

Model	SSK 1.5
Air demand approx.	196 l/min
Working pressure	5,5 bis 7,9 bar
Inlet pressure max.	8,5 bar
connection thread	1/4 "
Nozzle diameter	3,5 mm
Volume work cabin	25,4 L
LxWxH cabin inside	410x 310 x 200 mm
Max. weight grid	10 kg
Handhole diameter	100 mm
Dimension (LxWxH)	475 x 370 x 370 mm
Weight	12,5 kg
Max. weight blasting	5,45 kg
Blasting media Grit size (recommended)	0,2-0,3 mm
Blasting media Grain size (maximum)	0,125-0,45 mm

4.1 Type plate

Sandstrahlkabine Sandblasting cabinet			
Typ Type	SSK 1	Serien-Nr. Serial no.	
Artikel-Nr. Item no.	6204000	Baujahr Year of manufacture	
Netzanschluss Power connection	230 V	Gewicht Weight	17 kg
		Stürmer Maschinen GmbH Dr.-Robert-Pfleger-Str. 26, 96103 Hallstadt Deutschland / Germany	
www.unicraft.de			

Fig. 2: Type plate SSK 1

5 Transport, packaging, storage

Delivery

Check the sandblasting cabin for visible transport damage after delivery. If you discover any damage, immediately report it to the transport company or the dealer.

Transport



CAUTION!

Injuries caused by parts falling over or off a forklift, pallet truck or transport vehicle.
Only use means of transport that can carry the total weight and are suitable for it.

Improper transport of individual devices, unsecured devices stacked on top of each other or next to each other in packed or already unpacked condition is accident-prone and can cause damage or malfunctions for which we do not grant any liability or guarantee.

Transport the scope of delivery secured against shifting or tilting with a sufficiently dimensioned industrial truck to the installation site.

General risks during internal transport



CAUTION: DANGER OF TIPPING!

The device may be lifted unsecured by a maximum of 2cm.
Employees must be outside the danger zone, the reach of loads. Warn employees and, if necessary, advise employees of the hazard.

Devices may only be transported by authorized and qualified persons. Act responsibly during transport and always consider the consequences. Refrain from daring and risky actions.

Gradients and descents (e.g. driveways, ramps and the like) are particularly dangerous. If such passages are unavoidable, special caution is required.

Before starting the transport check the transport route for possible danger points, unevenness and disturbances as well as for sufficient strength and load capacity.

Danger points, unevenness and disturbance points must be inspected before transport. The removal of danger spots, disturbances and unevenness at the time of transport by other employees leads to considerable dangers.

Careful planning of internal transport is therefore essential.

Transport with a forklift / pallet truck:

For transport with a sufficiently dimensioned pallet truck or forklift, the sandblasting booth must be secured on a flat, firm surface (for example on a pallet) secured with bolts.

Packaging

All used packaging materials and packaging aids are recyclable and should be taken to a materials recycling depot to be disposed of. The delivery packaging is made of cardboard, so please dispose carefully by having it chopped up and given to the recycling collection. The film is made of polyethylene (PE) and the cushioned parts of polystyrene (PS). These materials should be taken to a collection point for recyclable materials or to the local waste disposal company.

Storage

The sand blasting cabinet should be cleaned and then stored in a dry, frost-free environment.

6 Device description

Illustrations in this manual may differ from the original.



Fig. 3: Sandblasting cabinet SSK 1

- 1 Cover with seal and window
- 2 Exhaust opening, filter
Connection for extraction with 2m³/min.
- 3 Clamping lever
- 4 Gloves, hand hole diameter 155 mm
- 5 Light switch
- 6 Interior lighting

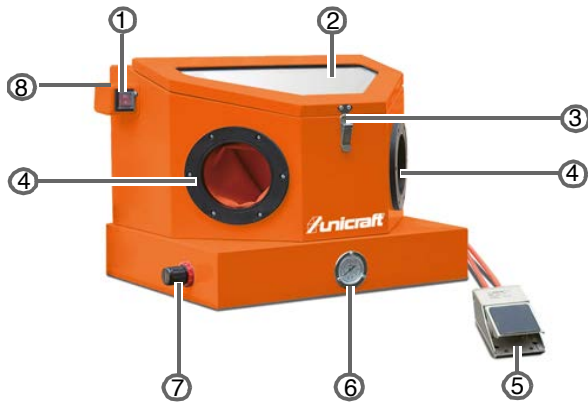


Fig. 4: Sandblasting cabinet SSK 1.5

- 1 ON / OFF Switch
- 2 Cover with seal and window
- 3 Locking lid
- 4 Gloves, hand hole diameter 100 mm
- 5 Pedal
- 6 Pressure gauge working pressure
- 7 Air regulation
- 8 Exhaust opening (back), with filter
Connection for extraction with 2m³/min.

6.1 Delivery

SSK 1

- Premium blasting gun with ceramic nozzle
- 5 replacement films for view window
- 4 ceramic nozzles 4/5/6/7mm

SSK 1.5

- 3x ceramic nozzles 3,5 mm
- 3x Protective film for viewing window

7 Assembly and connecting

The sandblasting cabinet may only be set up and operated in dry, well-ventilated rooms. It must be set up stable on a level and firm ground.

It is important to ensure that there is enough freedom of movement and sufficient lighting to work.



Use protective gloves!



Use safety boots!



Use protective clothes!



CAUTION!
crushing!

Injuries to hands and fingers may result from improper use of the sandblasting cabin.
- Pay attention to stable supports and support devices.

7.1 Assembly

The sandblasting cabinet is already pre-assembled. The filter still has to be screwed on and the sandblasting gun has to be connected:

- Step 1: Open the lid of the cabin and the enclosed filter at the exhaust opening at the top right in the cab (Fig. 5). (If not mounted yet)



Fig. 5: mounting filter

- Step 2: Attach the four rubber buffers to the underside of the cabin legs.

- Step 3: Check all bolts and nuts for tightness and tighten if necessary.

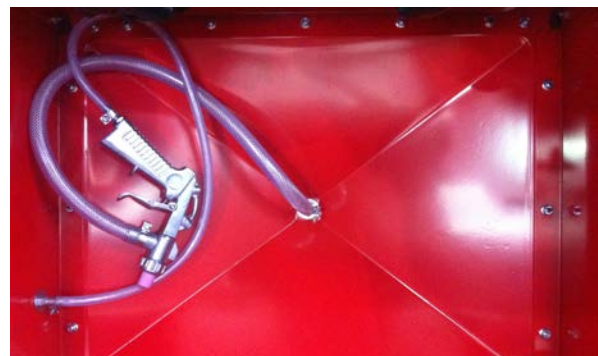


Fig. 6: Assembly of the cables at the funnel

- Step 4: Secure the blasting line to the funnel with a hose clamp and connect the compressed air line to the housing. Guide the blasting line up through the rack and connect both lines to the sand blasting gun.

Step 5: The Pedal aconnect to the housing of the SSK 1.5. Make sure that the correct cables (Fig.7) are connected to each other.

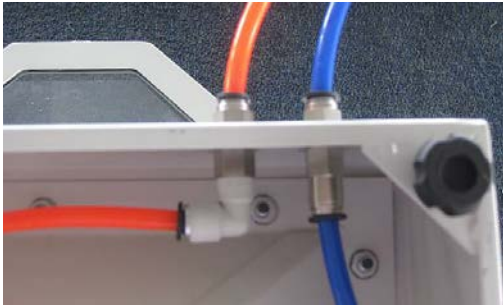


Fig. 7: Mount the pedal control



Fig. 8: Tray grid

Step 6: Fill the blasting abrasive through the storage grid into the funnel of the sandblasting cabinet.

7.2 Electrical connection



DANGER!

Danger to life by electric current!

There is an immediate danger of electrocution on contact with live components.

- Work on the electrical system only by electricians.



ATTENTION!

The sand blasting cabin must have a good grounding to avoid static electricity and sparking.

Step 1: Check if the mains voltage corresponds to the voltage indicated on the nameplate.

Step 2: Ensure a good grounding of the sand blasting cabin.

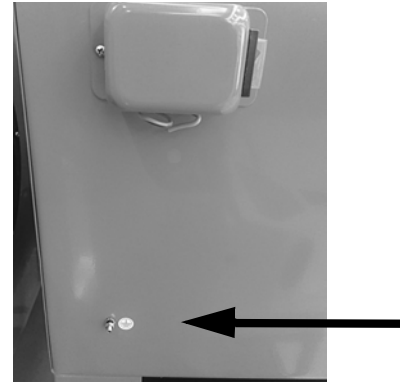


Fig. 9: ground connection

Step 3: Connect the power cord to the mains.

7.3 Compressed air connection

To operate the sand blasting cabin you need a compressor with at least 350 liters / min (SSK1) and 196 liters / min (SSK1.5) Filling capacity and a container size of at least 50 liters. The generated air must be cleaned, free of condensate and oil-free.

Adjustable operating pressure SSK 1: 2,8 - 8,0 bar.

Adjustable operating pressureSSK 1.5: 5,5 - 7,9 bar.



ATTENTION!

Moisture in the compressed air impairs the flow of abrasive and can cause clogging and clogging of valves and line.



Fig. 10: connection compressed air line SSK1

Step 1: Connect the duckbill duct to the compressed air port on the outside of the cab on the right side.

Step 2: Extraction with 2m³ / min. Connect the suction power to the suction connection.

7.4 Air regulation SSK 1.5

The working pressure at the SSK 1.5 can be adjusted to the side of the SSK with the aid of the regulator (Fig.11). To adjust the working pressure, pull out the regulator and turn to the right to pressurize and to the left to release pressure. Press the control back after setting the pressure.



Fig. 11: Setting working pressure



NOTE!

If the pressure drops by several bar, the air supply is insufficient or blocked.

8 Commissioning



WARNING!

Danger of life!

There is danger to your life if you do not follow these rules.

- Never work on the blast cabinet if you are under the influence of alcohol, drugs or medicines and / or you are overtired or suffer from concentration-impairing illnesses..
- The sandblasting cabin may only be operated by one person. Other persons must keep away from the work area during operation.



ATTENTION! HEALTH HAZARD

Inhalation of abrasive material and abrasion can cause lung damage from fumed silica! Possible formation of a silicosis. Information on this <https://de.wikipedia.org/wiki/Silikose>

Particularly hazardous is the inhalation of substances with particle sizes below 5 μm !

Never use abrasives with smaller particle sizes than 0,12 mm and make sure the cab is absolutely tight.

Wear respiratory protection.



Use ear protection!

During operation, a noise level of over 85 dB (A) may occur. From 85 dB (A), ear protection must be worn!



Use safety goggles!



respiratory protection!



Use safety shoes!



Use protective clothing!



NOTE!

Before using the sand blasting cabin for the first time, carry out the following points.

- Check all screw connections on the installed sand-blast cabinets and tighten them if necessary.
- Check the sand blasting cabin for leaks.



ATTENTION!

The sandblasting gun must always be directed away from the operator. Never work with the sandblasting cabin door open.



ATTENTION!

Never use sand as abrasive.



ATTENTION!

The workpiece must be clean and dry.



NOTE!

The distance of the blasting gun to the object plays an essential role and should not exceed 20 cm.

- Step 1: Select a suitable blasting medium and fill in the sandblasting booth until max. half funnel height.
- Step 2: The workpiece must be free of oil, grease and moisture. If necessary, clean the workpiece before placing it in the blast cabinet.
- Step 3: Set the desired working pressure at the compressed air supply (compressor). Make sure that the maximum pressure is not exceeded! Adjust according to the sensitivity of the material set lower working pressure.
- Step 4: Connect the sandblast cabin to the compressed air source.

- Step 5: Place the workpiece to be machined in the sandblast booth and switch on the lighting of the sandblast cabin.
- Step 6: Use the integrated protective gloves to hold the sand blasting gun and the workpiece and start sandblasting. Hold the sand blasting gun at an angle of 45 ° to 60 ° to the workpiece, with the blasting medium being blown away from the workpiece against the back wall of the sandblasting cabin. Use the lever to dose the blasting agent addition
- Step 7: After finishing work, disconnect the tool from the compressed air source and remove the workpiece.

9 Care, maintenance and repair



ATTENTION!

Disconnect the tool from the compressed air supply and the sandblasting booth from the mains before carrying out any maintenance, servicing or cleaning work. Maintenance and repair work may only be carried out by qualified personnel.

9.1 Care by cleaning

The sandblasting cabin should always be kept in a clean condition.



Use safety gloves!



NOTE!

Never use harsh detergents for cleaning. This can lead to damage or destruction of the sand blasting cabin.

All plastic parts and painted surfaces should be cleaned with a soft, damp cloth and some neutral detergent.

Keep the tool clean and dry.

9.2 Maintenance and repair



ATTENTION!

Maintenance and repair work may only be carried out by qualified personnel.

If the sandblasting cabin does not work properly, contact a dealer or our customer service. The contact details can be found in chapter 1.2 Customer Service.

All protection and safety equipment must be reinstalled immediately after completion of repair and maintenance work.

The air hoses should be checked at regular intervals for damage and leaks. The damaged hoses must be replaced.

Hose material compressed air hose: PVC.
Burst pressure: 16,5 bar

Clean the tool regularly from dirt. Regular cleaning makes working with the pneumatic tool easier.

After 10 to 12 hours of operation, check the nozzle. In case of uneven wear, the nozzle should be rotated by 1/4 turn every 10 operating hours.

To ensure a good flow of blasting media, the compressed air must be dry and free of oil. Regularly check the quality of the compressed air, if necessary install a drainage system upstream.

Check the quality of the abrasive regularly. If the particle size is too small or if soiled, replace the abrasive.

Check and clean the filter regularly. Replace if necessary. Filter material: nonwoven fabric



Fig. 12: Filter the Sandblast cabin



NOTE!

The filter removes particles with grain sizes below 5 µm.
It is temperature stable up to 90 ° C.

Check the fittings for a firm and tight fit and retighten if necessary.

If the viewing window becomes cloudy, peel off the protective foil and stick on new protective foil.

10 Troubleshooting



ATTENTION!

If any of the following errors occur, immediately stop working with the sandblasting gun. It can cause serious injury or damage to the tool. All repairs or replacement work must only be carried out by qualified and trained personnel. The tool must first be disconnected from the compressed air source.

Fault	Possible Causes	Remedy
The device is not working	<ol style="list-style-type: none"> 1. Defective pedal 2. No connection to the compressed air source. 	<ol style="list-style-type: none"> 1. Replace the pedal. 2. Establish compressed air connection.
Bad ray result	<ol style="list-style-type: none"> 1. Worn jet nozzle 2. Compressor power insufficient 3. Working pressure too low 4. Worn abrasive 	<ol style="list-style-type: none"> 1. Replace blast nozzle 2. Use more powerful compressor 3. Increase working pressure 4. Replace blasting agent
There is not enough or no blasting sprayed	<ol style="list-style-type: none"> 1. Nozzle clogged 2. Venting on blasting jar blocked 3. Air pipe blocked on the material intake hose 4. Too humid air 5. Line leaking 	<ol style="list-style-type: none"> 1. Clean or replace nozzle 2. Clean the breather 3. Clean or replace the air tube 4. Insert water separator 5. Replace line
Pressure drop on the sandblasting gun	<ol style="list-style-type: none"> 1. Compressed air line clogged or with insufficient cross section 2. Compressed air line too long 	<ol style="list-style-type: none"> 1. Clean line or replace with larger line 2. Lay the cable shorter
Too much dust in the cabin	<ol style="list-style-type: none"> 1. Exhaust filter clogged 2. Too much blasting agent in the cabin 3. Worn abrasives 4. Line or connection leaking 	<ol style="list-style-type: none"> 1. Clean or replace exhaust filter 2. Use less abrasive 3. Replace abrasive 4. Replace line, seal connection

11 Disposal, recycling of used devices

In your own interests and in the interests of the environment, please ensure that all components of the equipment are disposed of in the proper and authorized way.

11.1 Decommission

Disused devices must be taken out of service immediately in order to avoid later misuse and endangering the environment or people.

Step 1: Remove all environmentally hazardous fluids from the sandblast cabin.

Step 2: If necessary, disassemble the sand blasting cabin into manageable and usable assemblies and components.

Step 3: The product components and operating materials must be routed through the appropriate disposal routes.

12 Spare parts



DANGER!

Risk of injury through use wrong spare parts!

The use of incorrect or faulty replacement parts can be dangerous to the operator and cause damage and malfunction.

- Only original spare parts from the manufacturer or replacement parts approved by the manufacturer must be used.
- In case of doubt, always contact the manufacturer.



Tips and recommendations

Using non-approved spare parts voids the manufacturer's warranty.

The spare parts can be obtained from the dealer.

Specify the following key data when inquiring or ordering spare parts:

- Device type
- Item number
- Position number
- Construction year
- Amount
- desired shipping method (post, freight, sea, air, express)
- Delivery address

Spare parts orders without details given above can not be considered. If the shipping method is missing, shipping will be at the discretion of the supplier.

Details of the device type, article number and year of construction can be found on the type plate, which is attached to the sand blasting cabin.

Example

The gloves for the Sandblasting cabinet SSK 1 must be ordered. The gloves has the number 21 in the spare parts drawing 1.

By ordering spare parts, send a copy of the spare parts drawing (1) with the marked part (gloves) and marked position number (21) to the dealer or spare parts department and provide the following information:

- Type of device: **Sandblasting cabinet SSK 1**
- Item number: **6204000**
- Drawing number: **1**
- Position number: **21**

The Item number of your device:

Sandblasting cabinet SSK 1: **6204000**

Sandblasting cabinet SSK 1.5: **6204010**

12.1 Spare parts drawings

The following drawings should help in case of service to identify necessary spare parts. To order, send a copy of the parts drawing with the parts marked to the authorized dealer.

12.1.1 Spare parts drawing SSK 1

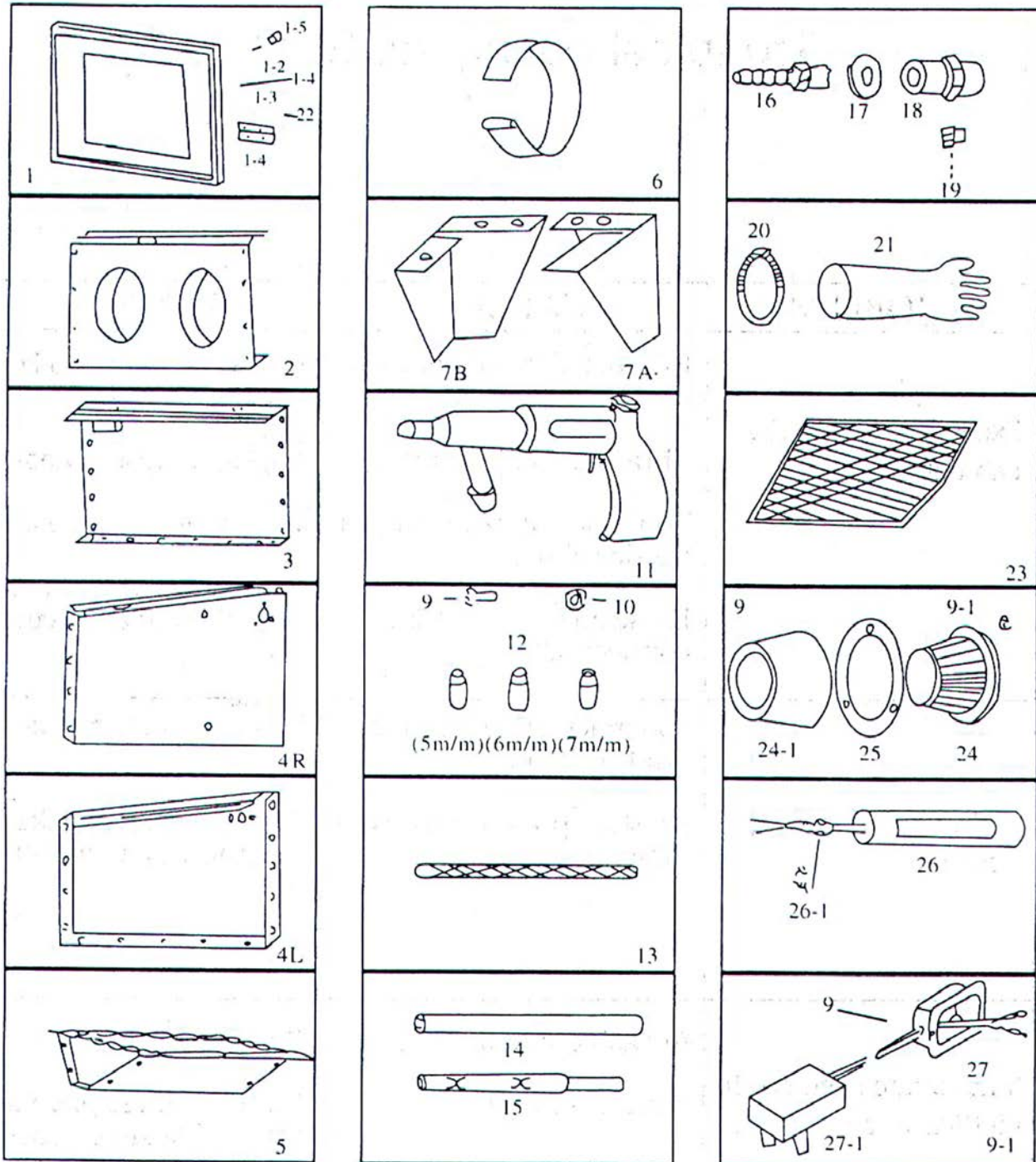


Fig. 13: Spare parts drawing SSK 1

12.1.2 Spare parts drawing SSK 1.5

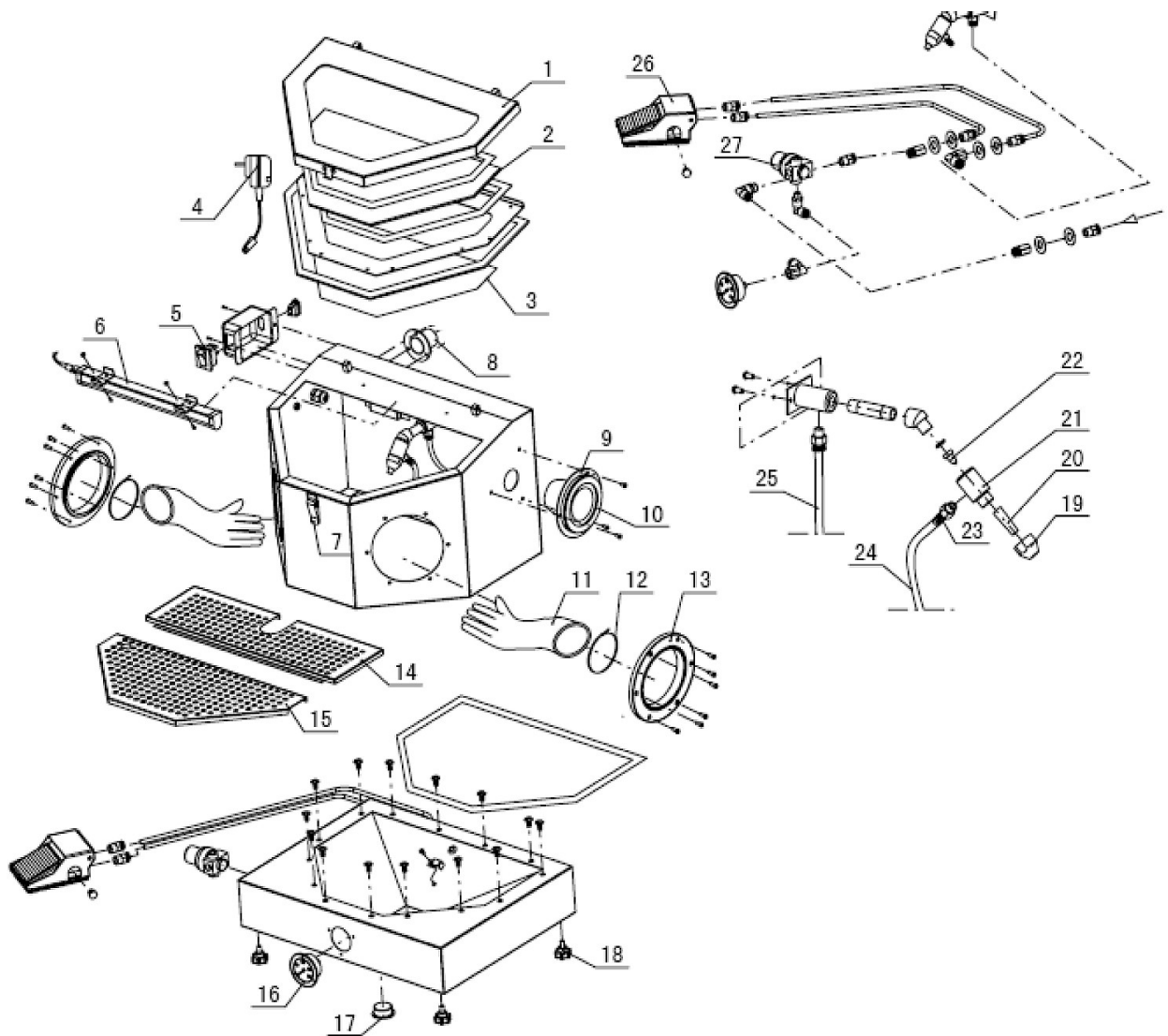


Fig. 14: Spare parts drawing SSK 1.5

13 EC Declaration of Conformity

According to machine directive 2006/42/EG Annex. II 1.A

Manufacturer/distributing company: Stürmer Maschinen GmbH
 Dr.-Robert-Pfleger-Str. 26
 D-96103 Hallstadt

hereby declares that the following product

Product group: Unicraft® Werkstatttechnik

Machine type: Sandblasting cabinet

Designation of the machine *: SSK 1 **Item number *:** 6204000
 SSK 1.5 6204010

Serial number*: _____

Year of manufacture*: 20____

* please fill in according to the information on the type plate

due to its desing and construction, as well as in the version that we have placed on the market, it complies with the relevant basic health and safety requirements of the above-mentioned EC-Directive and other applicable directives (hereafter), including amendments in force at the time of declaration.

Relevant EU directives: 2014/30/EU EMC Directive
 89/686/EWG Personal Protective Equipment Directive

The following harmonized standards were applied:

- DIN EN ISO 12100:2011-03 Safety of machinery - General principles for design - Risk assessment and risk reduction
- DIN EN 60204-1:2019-06 Safety of machinery - Electrical equipment of machines - Part 1: General requirements
- DIN EN 1248:2010-06 Foundry machinery - Safety requirements for abrasive blasting equipment
- DIN EN IEC 61000-3-2:2019-12 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
- DIN EN 61000-3-3:2023-02 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
- DIN EN 61547:2010-03 Equipment for general lighting purposes - EMC immunity requirements
- DIN EN IEC 61000-6-1:2019-11 Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments
- DIN EN IEC 61000-6-3:2022-06 Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for equipment in residential environments
- DIN EN ISO 14877:2003-01 Protective clothing for abrasive blasting operations using granular abrasives

Responsible for documentation: Kilian Stürmer, Dr.-Robert-Pfleger-Str. 26, D-96103 Hallstadt

Hallstadt, 14.02.2023



Kilian Stürmer
 Manager



14 Attachment

Information zu den mitgelieferten Handschuhen/ Information about the supplied gloves

Schutzhandschuhe 1 Paar Artikelnummer
Protection gloves 1 Pair Item number
HS-SSK1 6204100



Hersteller: YONGKANG XIEHENG ZHEJIANG PROVINCE INDUSTRY & COMMERCE CO., LTD.
Manufacturer: NO. 9 XISHAN WEST ROAD, ECONOMIC DEVELOPMENT ZONE, 321300
YONGKANG ZHEJIANG, CHINA

Artikel: SBC Gloves – 1 Size 12 (470)

Article: SBC Gloves – 2 Size 12 (600)
Dexterity Level 4

Abriebsfestigkeit / abrasion resistance	3	
Schnitffestigkeit / blade cut resistance	1	EN ISO 21420:2020
Weiterreißkraft / tear propagation	3	EN 388:2016 +A1:2018
Durchstichkraft / penetration force	1	
Schnitffestigkeit / cut resistance	X	

Baumusterprüfung durchgeführt: Intertek Italia S.p.A. Via Miglioli
EC type examination executed by: 2/A-20063 Cernusco sul Naviglio
Milano - Italy
Approved Body 2575

Beschreibung / Description:

PVC – Schutzhandschuhe, geeignet für Sandstrahlen und Reinigen mit wasserbasierenden Lösungsmitteln.
Eine Eignung für andere Einsatzgebiete ist nicht gegeben.

*PVC – Protection gloves, suitable for sand blasting and cleaning with water based solvent.
A suitability for other applications is not given*

Reinigung und Pflege / Cleaning and maintenance

Zur Reinigung dürfen keine chemischen Reinigungsmittel eingesetzt werden da diese das Material beschädigen können.
(Empfohlen: Reinigungstuch und Wasser).
Die Handschuhe müssen vor jedem Gebrauch auf Unversehrtheit geprüft werden.

*It is not suitable to use chemical cleaning supplies because they can cause damage on the material. (Recommended cleaning cloth and water)
The integrity of the gloves must be checked before every use.*

Hinweis / Note

Diese Informationsbroschüre muss den Schutzhandschuhen (PSA), welche in dieser aufgeführt sind, bei Weitergabe immer beigelegt werden. Die Vervielfältigung hierzu ist uneingeschränkt gestattet.

This leaflet has to be supplied with every protection glove listed in this brochure. The leaflet can therefore be copied without any restrictions.

Information zu den mitgelieferten Handschuhen / Information about the supplied gloves SSK 1.5

Schutzhandschuhe 1 Paar Artikelnummer
Protection gloves 1 Pair Item number
 HS-SSK1.5 6204160



Hersteller: YONGKANG XIEHENG ZHEJIANG PROVINCE INDUSTRY & COMMERCE CO., LTD.
Manufacturer: NO. 9 XISHAN WEST ROAD, ECONOMIC DEVELOPMENT ZONE, 321300
 YONGKANG ZHEJIANG, CHINA

Artikel: SBC Gloves-3 – Size 10 (XL)
Article: Dexterity Level 5

Abriebsfestigkeit / abrasion resistance	2	EN ISO 21420:2020
Schnittfestigkeit / blade cut resistance	1	
Weiterreißkraft / tear propagation	1	EN 388:2016 +A1:2018
Durchstichkraft / penetration force	X	
Schnittfestigkeit / cut resistance	X	

Baumusterprüfung durchgeführt: Intertek Italia S.p.A. Via Miglioli
 2/A-20063 Cernusco sul Naviglio
 Milano - Italy
EC type examination executed by: Approved Body 2575

Beschreibung / Description:

Latex – Schutzhandschuhe, geeignet für Sandstrahlen und Reinigen mit wasserbasierenden Lösungsmitteln.
 Eine Eignung für andere Einsatzgebiete ist nicht gegeben.

*Black Latex – Protection gloves, suitable for sand blasting and cleaning with water based solvent.
 A suitability for other applications is not given.*

Reinigung und Pflege / Cleaning and maintenance

Zur Reinigung dürfen keine chemischen Reinigungsmittel eingesetzt werden da diese das Material beschädigen können.
 (Empfohlen: Reinigungstuch und Wasser).

Die Handschuhe müssen vor jedem Gebrauch auf Unversehrtheit geprüft werden.

It is not suitable to use chemical cleaning supplies because they can cause damage on the material. (Recommended cleaning cloth and water)

The integrity of the gloves must be checked before every use.

Hinweis / Note

Diese Informationsbroschüre muss den Schutzhandschuhen (PSA), welche in dieser aufgeführt sind, bei Weitergabe immer beigelegt werden. Die Vervielfältigung hierzu ist uneingeschränkt gestattet.

This leaflet has to be supplied with every protection glove listed in this brochure. The leaflet can therefore be copied without any restrictions

15 Notes

