

Sinterit SANDBLASTER SLS

ORIGINAL MANUAL



Please read the instruction manual before using the device.



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The SANDBLASTER SLS is designed for cleaning, polishing and finishing of printouts, using dry abrasive material only.



IMPORTANT!

Sandblaster does not include an air compressor.



1. Marking text conventions used in a document

Listed below are descriptions of symbols used on the device. They constitute a warning or convey the information to protect the user, other individuals or surrounding objects and ensure the correct and safe use of the device.


	WARNING! An inevitably dangerous situation which can result in serious injury or even death. Initiation or omission of a specific procedure or inattention can cause severe physical injury to the user.
	ATTENTION! Initiation or omission of a specific procedure can cause physical damage to the equipment or the user.
	ATTENTION! Risk of electric shock which can be fatal or cause severe burns. An inevitably dangerous situation which can result in serious injury or even death, if not mitigated. Before working with any equipment, you should be aware of the dangers associated with the flow of electric current, and become familiar with the standard procedures to prevent accidents.
	CAUTION! Beware of moving parts which can crush hands.
	WARNING! Risk of fire and explosion! Avoid fire! Powder dust is flammable.
	STOP! Action prohibited.
	ATTENTION! It is necessary to wear protective gloves and a face mask. Mandatory action when working with powder.
	ATTENTION! It is necessary to wash hands after each use of the SANDBLASTER SLS.
	IMPORTANT! Information essential to correctly perform a specific task.
	IMPORTANT! You must read the instructions before taking action.







2. Safety Information

The Sinterit SANDBLASTER SLS may create a powerful stream of abrasive particles. To avoid injuries and/or property damage, carefully read the instruction manual before assembling, operating or performing maintenance of the sandblaster. While operating the machine, please exercise your common sense at all times.








2.1 Environment and place of installation

	<p>WARNING!</p> <ul style="list-style-type: none">• The sandblaster must be positioned protected against atmospheric agents (rain, hail, snow, fog, dust in suspension, etc.) with an environmental running temperature between 5°C and 45°C and relative humidity not above 70%.• The work environment must be clean, well-enough lit and devoid of an explosive atmosphere.• Debris and bad lighting are factors that can cause dangerous situations.• Never operate this machine in a dangerous working environment. The use of power equipment in moist environments or rain can cause electrocution.• Place the unit on a solid and level surface.
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2.2 General safety rules





	<p>WARNING!</p> <ul style="list-style-type: none">• Only adults should use the sandblaster.• When using the machine, mind other people, especially children. Keep kids and visitors at a safe distance.	
	<p>WARNING!</p> <ul style="list-style-type: none">• Fire and explosion hazard! The sandblaster must not be operated in a corrosive or explosive environment.• Avoid prolonged contact with solvents and inhaling their vapours.• Avoid using the device near open flames.• Never use this machine near flammable liquids and/or gases.	 

2.3 Personal protection



	<p>WARNING!</p> <ul style="list-style-type: none">• The operator must always wear antistatic clothes and shoes.• Workplace flooring must be anti-static.	
	<p>WARNING!</p> <ul style="list-style-type: none">• During operation, do not expose your skin or hands directly to the line of operation of the Sinterit SANDBLASTER SLS Static nozzle 20 and Air blow guns L, 22.• Wear a protective mask when working with the sandblaster.• Breathing in particulate matter causes serious lung problems.• Wear Protective Glasses when opening the door after using the machine.	 
	<p>ATTENTION!</p> <p>After each use of the Sinterit SANDBLASTER SLS, wash your hands.</p>	





2.4 Power supply

	<p>WARNING!</p> <ul style="list-style-type: none">• Before plugging in, make sure the power voltage and frequency match those shown on the machine safety plate.• Make sure the machine is properly grounded. In case you are using an extension, check if it is grounded and if the capacity is sufficient.• During use, mind the power supply cables and avoid crushing or pulling them.• Periodically check the mains power cable to ensure it is not damaged.• In the event of the cable, plugs or couplings being replaced, make sure these are protected against water spray and check mechanical strength.	
	<p>STOP!</p> <ul style="list-style-type: none">• Never touch electric cables, switches, buttons, etc. with wet hands.• In the event of the cable being damaged, the machine must not be used.• Never pull the on the power cable to move the machine around.	

2.5 Safety during sandblasting, repair and maintenance

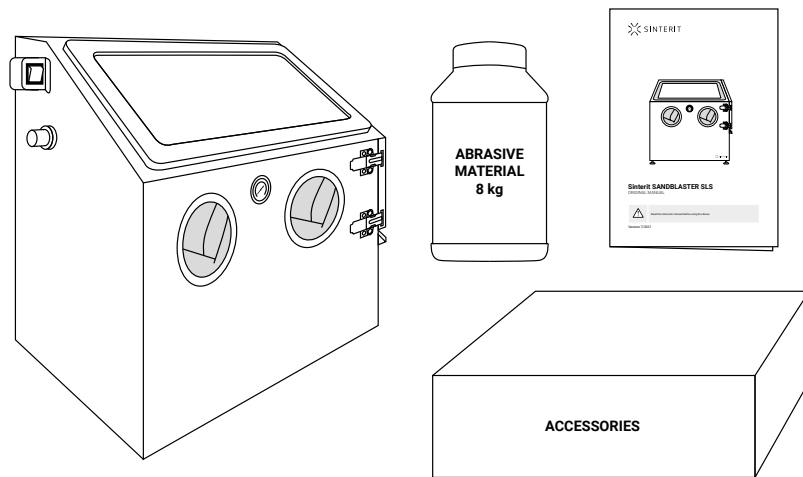
	<p>ATTENTION!</p> <ul style="list-style-type: none">• Check the quality of all hoses and pneumatic tubing before each use. Check that all connections are secured.• Check the machine previous to each use for damaged and/or defect parts. Pay special attention if all seals are still good and check all tubings for leakages.• Check that all components of the Sinterit SANDBLASTER SLS are properly sealed.• Check the machine for defects previous to each use, in case of a defect, or when the machine does not function properly, first have it repaired by a specialized person/company.• Failure to heed these instructions may cause damage to materials and/or injuries!
	<p>ATTENTION!</p> <ul style="list-style-type: none">• Do not direct the Air Blow Guns L, 22 at people or objects.• Do not exceed the maximum operating pressure of the Sinterit SANDBLASTER SLS.

2.6 Scrapping

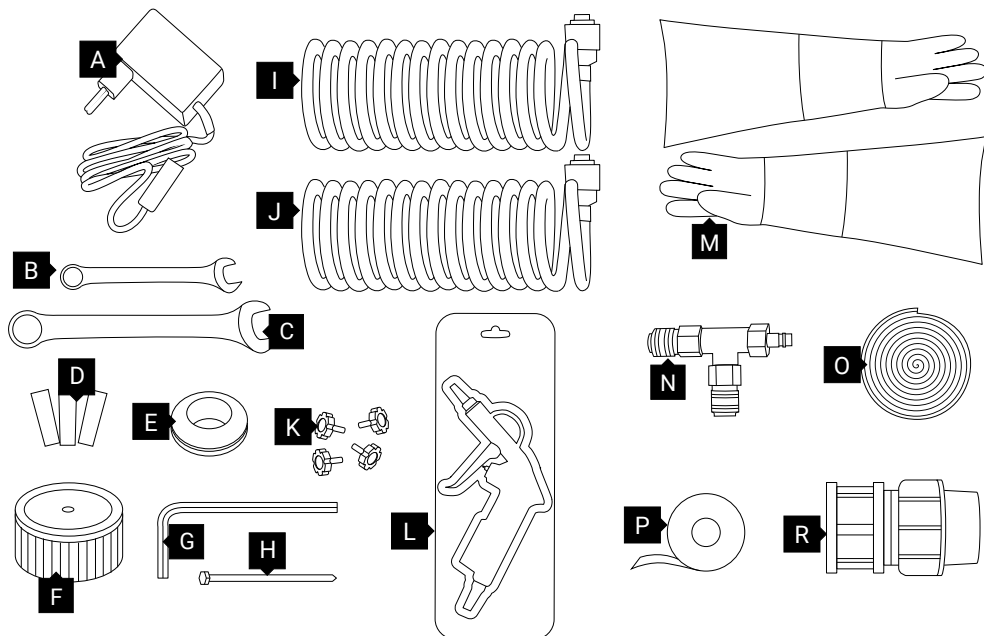
	<p>IMPORTANT!</p> <p>In case of scrapping, all the component parts of the sandblaster will have to be disposed of through adequate disposal channels in accordance with applicable legislation. Before scrapping, all plastic and rubber parts will have to be separated from the electrical material. Parts made of plastic, aluminium and steel only may be recycled if collected by special centres.</p>	
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3. Contents of the Sinterit SANDBLASTER SLS pack

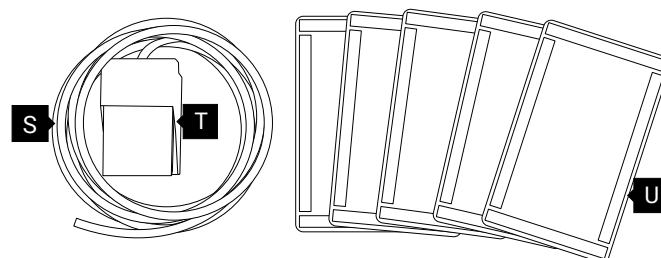


3.1 Accessories box



- A** Power supply (US or EU version with proper plug) / **B** Wrench 10mm / **C** Wrench 14mm / **D** Replaceable ceramic nozzle for Inner air blow gun (3 pcs.) / **E** Rubber grommet / **F** Air filter / **G** Allen wrench / **H** Filter screw / **I** Air blow gun pneumatic tubing / **J** Compressor pneumatic tubing / **K** Adjustable mounting feet (4 pcs.) / **L** Air blow gun / **M** Spare protective rubber gloves / **N** T-type push-in pneumatic fitting / **O** PVC foam tape / **P** PVC protective tape / **R** Pipe end cap

3.2 Others accessories

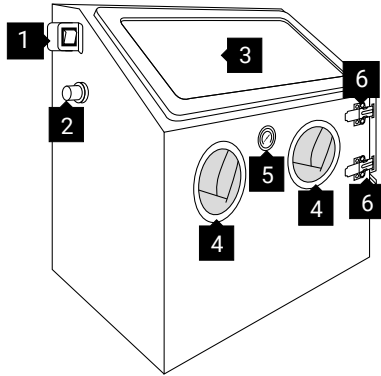


- S** Control pedal's pneumatic tubings / **T** Control pedal / **U** Replaceable PE protective foil for SANDBLASTER SLS viewing window (5 pcs.)



4. Sinterit SANDBLASTER SLS

4.1 Description

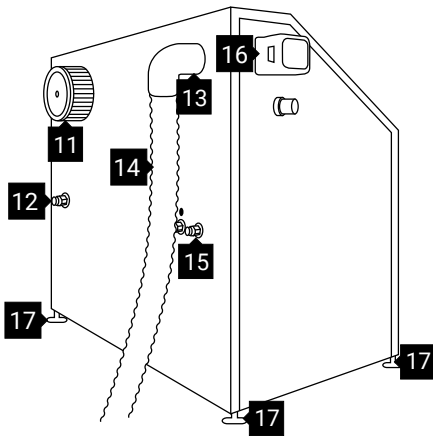
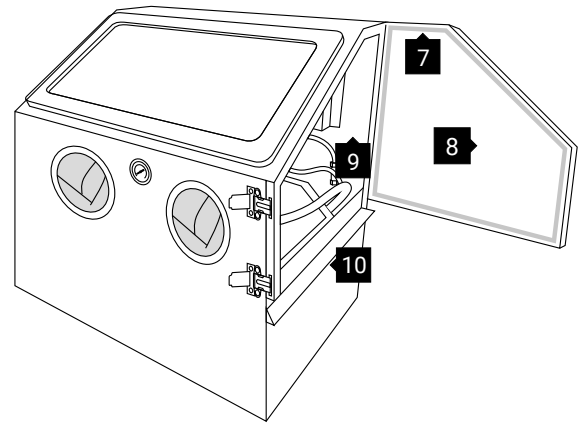


Front and left side view

- 1 Power switch
- 2 Pneumatic pressure regulator
- 3 Viewing window
- 4 Protective rubber gloves
- 5 Pressure gauge
- 6 Door locks

Front and right side view

- 7 Door gasket
- 8 Door
- 9 Sandblaster chamber
- 10 Gutter

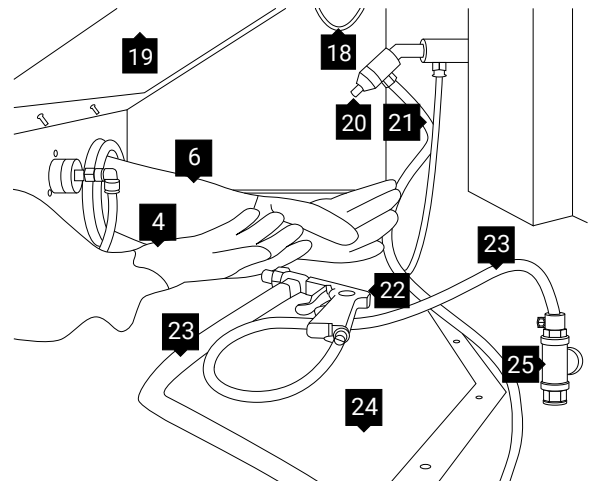


Rear and left side view

- 11 Air filter
- 12 Pneumatic nipple
- 13 Antistatic hose socket
- 14 Antistatic hose
- 15 Control pedal jack port
- 16 Power socket
- 17 Adjustable mounting feet (4 pcs.)

Chamber view

- 18 LED light
- 19 PE protective foils for the viewing window (5 pcs.)
- 20 Static nozzle
- 21 Static nozzle pneumatic tubings
- 22 Inner air blow gun
- 23 Inner air blow gun pneumatic tubings
- 24 Inner chamber grid
- 25 Inner T-type push-in pneumatic fitting (for Inner air blow gun)







4.2 Specification

GENERAL	
Category	Cabinet Sandblaster
Type	Stationary, operated via a foot pedal
Warranty	One-year limited warranty
Dimensions	700 x 550 x 720 [mm] (27.6 x 21.7 x 28.3 [in])
Size of internal mesh	6 x 6 [mm] (0.2 x 0.2 [in])
Weight	30.5 [kg] (67.1 [lbs])
TECHNICAL DATA	
Working Area	675 x 450 x 415 [mm] (26.6 x 17.7 x 16.3 [in])
Capacity of Abrasive material	10 [kg] (22 [lbs])
Operating Voltage	110 / 230 [V] AC, 50/60 [Hz]
Maximum power consumption	8 [W]
Working pressure	5.0 – 8.6 [bar] / 72.5 – 125.0 [psi]
Min. flow	290 [l/min]
Filter type	HEPA
SAFETY	
Certificates	CE
PACKAGING	
Size	790 x 545 x 765 [mm] (31.1 x 21.5 x 30.1 [in])
Weight	45 [kg] (99.0 [lbs])
Package contains	Sandblaster, 8 [kg] (17.6 [lbs]) of abrasive material, manual and accessories

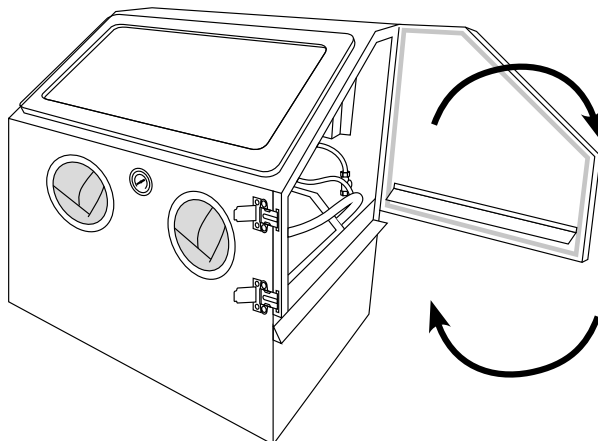


4.3 Safety plate

DO NOT REMOVE THIS LABEL!			
Manufacturer:  SINTERIT Sinterit sp. z o.o. ul. Nad Drwiną 10 bud. B3, 30-741 Kraków, Poland www.sinterit.com contact@sinterit.com		Name: Sinterit SANDBLASTER SLS	
		Serial number:	
		Manufactured:	Made in: EU, POLAND
 Class 2 IP60 CE	Machine type:	ABRASIVE PRESSURE BLAST CABINET 110 [L]	
	Dimensions:	700 x 550 x 720 [mm]	27.6 x 21.7 x 28.3 [in]
	Total weight:	30.5 [kg]	67.1 [lb]
	Rated voltage:	230 [V] AC, 50 [Hz]	120 [V] AC, 60 [Hz]
	Power consumption:	8 [W]	
	Ceramic nozzle diameter:	4, 5, 6, 7 [mm]	0.15, 0.19, 0.23, 0.27 [in]
	Abrasive material loading capacity:	10 [kg]	22 [lb]
	Max. flow rate:	420 [l/min]	
	Working pressure:	5.0 – 8.6 [bar]	72.5 – 125.0 [psi]
	Working area:	675 x 450 x 415 [mm]	26.6 x 17.7 x 16.3 [in]
WARNING! Read and understand operator's manual and all other safety instructions before using this machine. Failure to follow operating instructions could result in serious injury.			

5. Initial startup of the Sinterit SANDBLASTER SLS after delivery

1. Remove the protective packaging.
2. Gently pull out the contents of the packaging.
3. Remove the bubble wrap and place the machine on a stable surface.
4. Screw the Adjustable mounting feet **K**, **17** onto the sandblaster.
5. Take out accessories from the box.
6. Unlock both door locks **6** and open the door **8**.



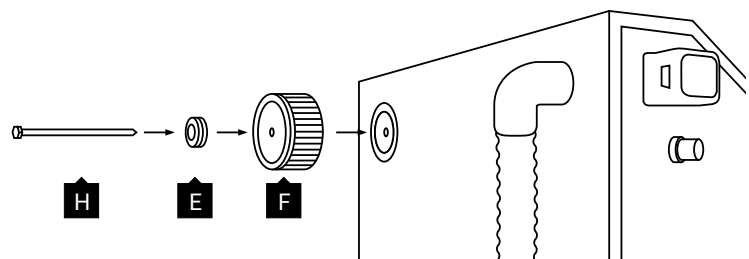
Remove from inside:

- Transport protection
- Control pedal's pneumatic tubings **J**
- Control pedal **K**
- Replaceable PE protective foils **N**
- Accessories box

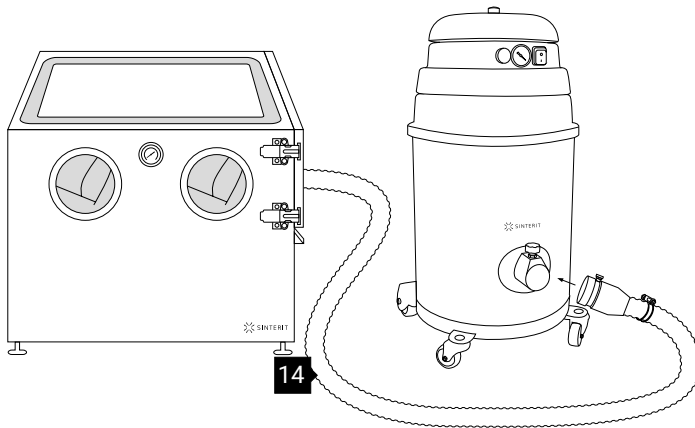
Check the fitting and tightness of:

- Protective Rubber Gloves **6**
- Inner Pneumatic tubings **21**, **23**
- Static Nozzle **19**
- Door gasket **11**

7. Screw on the Air filter **F** using the Filter screw **H**. Use the allen wrench **G** included in the accessories box.

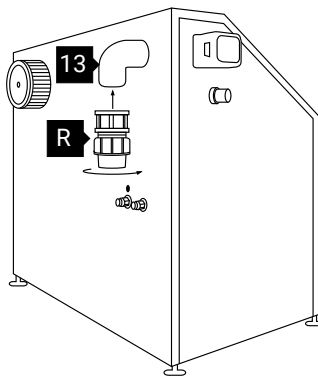


8. You can use Sandblaster SLS with or without Sinterit ATEX Vacuum Cleaner.



- **Sandblasting with Sinterit ATEX Vacuum Cleaner**

Insert Antistatic hose **14** into the Vacuum Cleaners Suction hose connector.



- **Sandblasting without Sinterit ATEX Vacuum Cleaner**

Detach the Antistatic hose **14** from the Sandblaster SLS using a 10 mm Wrench **B**. Insert the Pipe end cap **R** into the Antistatic hose socket **13**.



IMPORTANT!

Sandblasting with ATEX Vacuum Cleaner to provide a dustless environment around and inside the Sandblaster. Please check our website or contact our distributors for more information.

9. Plug the Power supply **A** into the Power socket **16**.
10. Remove the transport protection (plastic cable ties) from the Inner Air blow gun **22**.
11. **Connect the compressor and external Air blow gun (Image 5):**
 - a. Connect the T-type push-in pneumatic fitting **N** to the Pneumatic nipple **12**, and then, on both sides, the Pneumatic tubings **I J**.
 - b. Plug the Air blow gun **L** into the left tubing and the compressor into the right tubing.

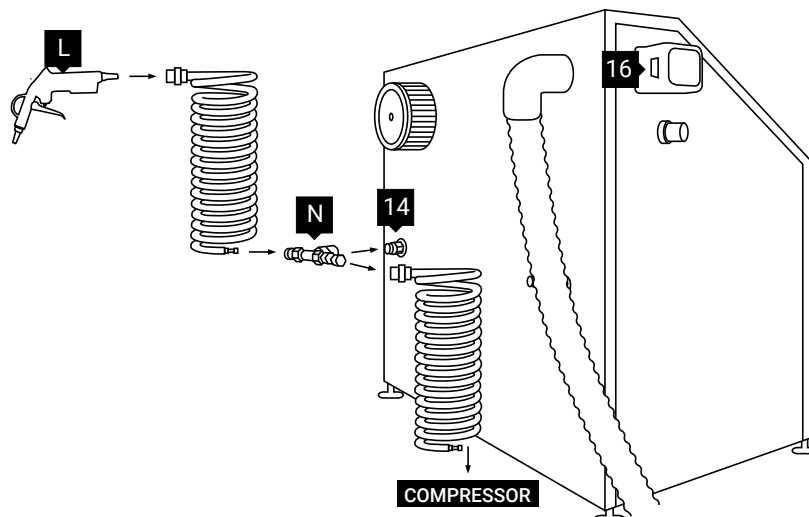


Image 5. Correct connection of the compressor and external Air blow gun.



12. Connect the Control Pedal (Image 6):

- a. Connect the Control pedal pneumatic tubings **S** to the jack ports:
 - black tubing to the left port
 - red tubing to the right port
- b. Connect the Control pedal pneumatic tubings **S** to the control pedal **T**:
 - black tubing to the unmarked port
 - red tubing to the port with red collar

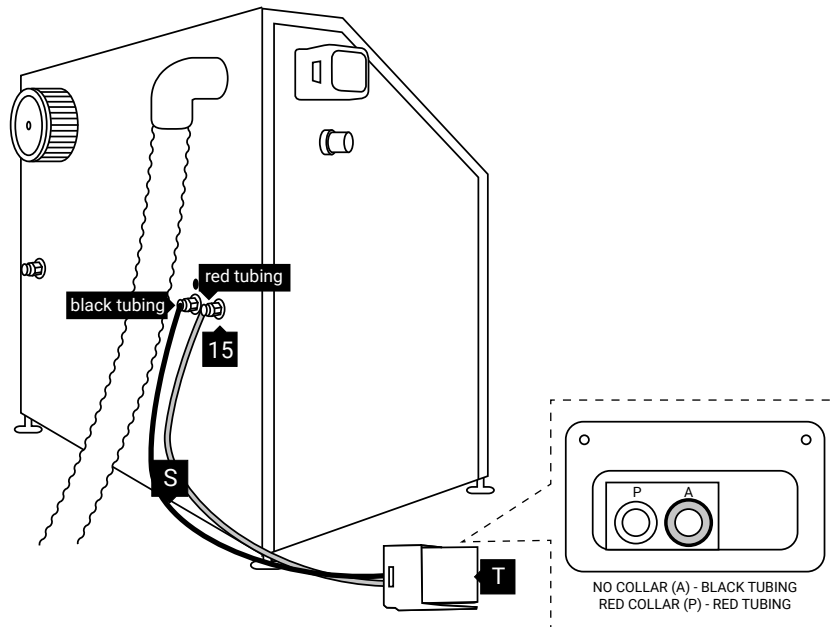


Image 6. Correct connection of the Control pedal pneumatic tubings to the Sinterit SANDBLASTER SLS.



ATTENTION!

- Before starting any work with an Abrasive material, always wear Protective Glasses, Protective dust mask, and optional gloves.
- You can use the Personal protection set included in the Dedicated powder tools. Please check our website or contact our distributors for more information.



CAUTION!

- The Inner chamber grid **24** is heavy!
- Danger of crushing upper limbs when rising the Inner chamber grid.

13. Open the container with the Abrasive material. Gently pour it into the hole in the corner of the grid **24**. Add not more than 10 kg / 22 lbs.

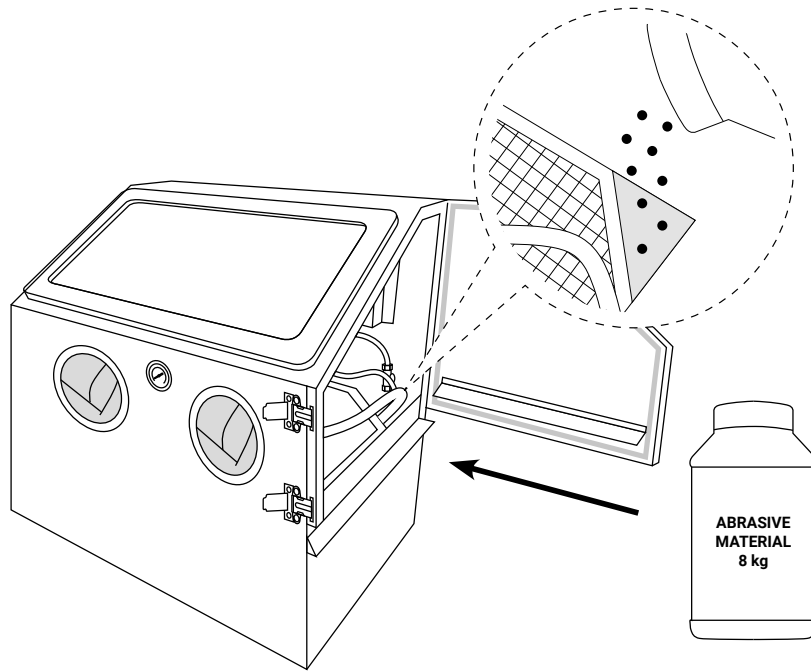


Image 6. Location of the hole in the grid for the Abrasive Material.

14. Check that the PE protective foil **25** adheres to the Viewing window. Clean it with a soft cloth if necessary.
15. Close the sandblaster door **10** firmly.
16. Connect the Power supply **A** to the power source.
17. Turn on the sandblaster with the Power switch **1**.
18. Check that the LED light **18** is working.
19. Turn on the compressor. Press Foot-operated Control pedal **T** and check all pneumatic tubings and joints for leaks in Static Nozzle **20**.
20. Check the tightness of connections in both Air blow guns (internal **20** and external **L**) – press the handle of each gun.
21. If there are any leaks, use 14 mm Wrench **C** or PVC protection tape **P** to resolve the problem.

6. Sandblasting the printouts

	<p>ATTENTION!</p> <ul style="list-style-type: none"> Before starting any work with Sinterit SANDBLASTER SLS, always wear Protective glasses, Protective dust mask, and optional gloves. You can use the “PERSONAL PROTECTION” set included with Sinterit Lisa printers.
	<p>ATTENTION!</p> <ul style="list-style-type: none"> It is strongly forbidden to start sandblasting when the sandblaster is not fully closed (open door) or when LED light 18 is not on. Make sure the Power switch 1 is OFF before plugging in the machine. The Inner Air blow gun 22 and external Air blow gun L should always point away from the operator to the workpiece.
	<p>IMPORTANT!</p> <ul style="list-style-type: none"> Before sandblasting make sure the printout is free from oil, water and moisture. The Abrasive material should be moist free. Moist grit clutters, which causes a bad flow and clogging.



1. Turn on the compressor and the Sinterit SANDBLASTER SLS.
2. If you are working with Sinterit ATEX Vacuum Cleaner, turn it on.
3. Check all the pneumatic tubings and joints for leaks. If they appear, replace the element or seal it with PVC tape **E** or Teflon tape (not available in the set).
4. Open the sandblaster door **8** and insert the printout into the chamber **9**.
5. Place the printout on the grid **24** under the Static nozzle **20**.
6. Close the sandblaster door **8** firmly.



IMPORTANT!

- Use the Inner Air Blow Gun **20** only for large and solid prints.
- The Static nozzle **20** is ideal for small and fragile prints.
- By default, ceramic nozzle no. 5 is installed in the Inner Air Blow Gun. You can also choose to use a larger or smaller ceramic nozzle (available in the Accessory box).
- Nozzles smaller than No. 5 do not work precisely with the Sinterit Abrasive material.
- A bigger size ceramic nozzle gets the job done faster because it can blast a larger surface, this also causes a higher air consumption. Make sure you have the appropriate compressor.

7. Use the Pneumatic pressure regulator **3** and the Pressure gauge **5** and set the work pressure.

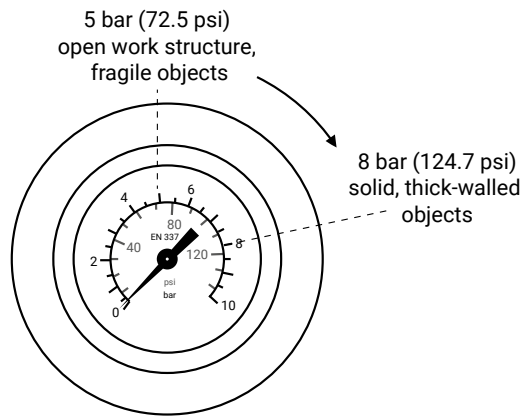


Image 7. Setting the appropriate pressure depending on the type of object.

8. In order to adjust the cleaning intensity in Static nozzle **20**, unlock the regulating device by pulling the Pneumatic pressure regulator **2** and use the indications of the Pressure gauge **5** to select an appropriate value. After performing the adjustment, lock the Pneumatic pressure regulator by pressing the knob (Image 8).

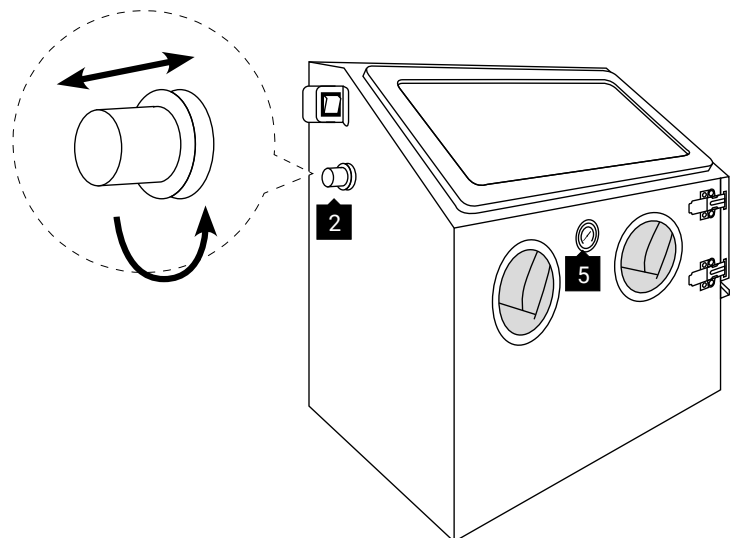


Image 8. Unblocking the pneumatic pressure regulator.



IMPORTANT!

- The Inner Air blow gun **20** has no pressure adjustment - it is used to sandblast larger surfaces and elements.

- Put your hands in the Protective rubber gloves **4**, grab the printout and start cleaning by pressing the Control pedal **T**.
 - When using the Inner Air Blow Gun: do the same, but instead of using the Control pedal, press the handle of the Inner Air blow gun and start sandblasting.
- Sandblast the printout with a continuous stream of air, moving the printout in circular motions until all unnecessary powder is removed.
 - Keep the Inner air blow gun **20** at an angle of 45-60 degree towards the work piece at a distance of 10-15 cm with the nozzle pointing towards the backside of the sandblaster.
 - Never hold the Inner Air Blow Gun in a 90 degrees toward the workpiece. This causes the grit to rebound back into a spray, which causes a less effective spray. This also causes extra wear to the gun and PE protective foil **19**.
- After cleaning the printout, wait a moment for the dust to fall down. Open the door and remove the sandblasted object.
- Close the door.
- All remaining powder and abrasive material can be blown out of the printout with an external Air blow gun **L**.
- After finishing work, turn off the pressure to 0 bar (0 psi) and turn off the sandblaster.

7. Maintenance of the Sinterit SANDBLASTER SLS



WARNING!

Before replacing the accessories or beginning the assembly, repair, transport, or any form of maintenance, disconnect the Sinterit SANDBLASTER SLS from the compressor, turn off the machine and unplug it from the power source.



Check before each use:

- Check the sandblaster chamber **9** before every use for damaged and/or deformed parts.
- Check all pneumatic tubings for wear and tear and check if the Static nozzle **19** and Inner air blow gun's nozzle **20** are not too worn.
- Check if the Air filter **11** works well, clean it if necessary if the door **10** closes properly (check the door gasket **7**).
- Clean the window (outside and inside) and the parts of the sandblaster with a soft cloth. Do not use any solvents for cleaning!
- Prevent moisture from getting into the Abrasive material as it may clog the nozzles.
- In case of a malfunction/defect, do not use the sandblaster until it has been repaired.

7.1 Replacement of the Abrasive material

If the Abrasive material is clotting, that means there is moisture in the compressed air or there is moisture/oil in the system. This leads to clogging and an uneven spray.

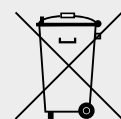
It could also be that there is too much debris in the Abrasive material. This can be solved by filtering/replacing it.

When the spray is often disrupted, place a thumb (WITH PROTECTIVE RUBBER GLOVES ON) over the Static Nozzle **20** and (press firmly) and depress the Control pedal **K** for a few seconds. Now the air blows back into the suction pneumatic tubing, which can dissolve possible obstructions.



STOP!

The user is responsible for disposing of used Abrasive material in accordance with applicable laws.





7.1.1 Exchange of Abrasive material with Sinterit ATEX Vacuum Cleaner

To remove the used Abrasive material from the chamber we recommend using Sinterit ATEX Vacuum Cleaner.

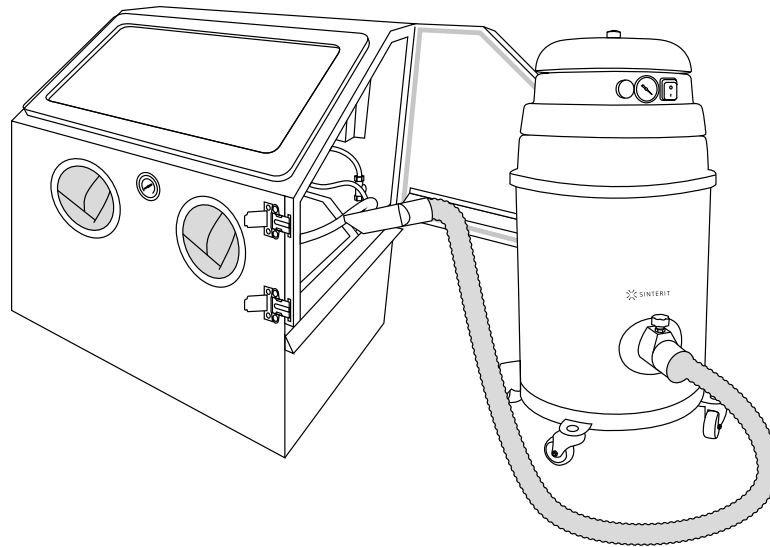


Image 9. Removing used Abrasive material with ATEX Vacuum Cleaner.

1. Disconnect the sandblaster from the power supply **12** and the compressor **14**.
2. Gently lift the sandblaster grid **24** and insert the rubber nozzle of the vacuum cleaner into the chamber.
3. Turn on the vacuum cleaner and remove all used Abrasive material, also clean the remaining parts in the chamber (Air filter, pneumatic tubes, housing, Protective rubber gloves).
4. Gently transfer the whole contents of the vacuum cleaner into the sealed container. Treat it as industrial waste.
5. Pour new Abrasive material into the hole in the corner of the Chamber grid **24**.
6. Connect the Power supply, compressor and vacuum cleaner.

7.1.2 Standard exchange of Abrasive Material



WARNING!

A second person is required to help with the standard Abrasive material change. The Sinterit SANDBLASTER SLS with the Abrasive weighs approx. 40 kg – improper maintenance (without the help of a second person) may cause injury.



CAUTION!

- The Inner chamber grid **24** is heavy!
- Danger of crushing upper limbs when rising the Inner chamber grid.



1. Disconnect the sandblaster from the Power supply and the compressor.
2. Remove the grid **24** carefully from the chamber **9**. Put it on the work tray (so as not to contaminate the workplace).
3. Prepare a container for used Abrasive material.
4. The plastic cork for removing the Abrasive material from the chamber is located at the bottom. (Image 10).
5. With the help of another person, slide half of the sandblaster out of the worktop.
6. When one person is holding the sandblaster, the other person must place the container under the bottom of the sandblaster and unscrew the cork.
7. When the chamber of the sandblaster is empty, insert the cork in place and move the sandblaster to the workplace. Treat used Abrasive material as industrial waste.
8. Pour new Abrasive Material into the hole in the corner of the Chamber grid **24**. Add not more than 10 kg/22 lbs.
9. Put the grid in place. Be careful not to damage the components inside the sandblaster chamber.
10. Connect the Power supply and the compressor.

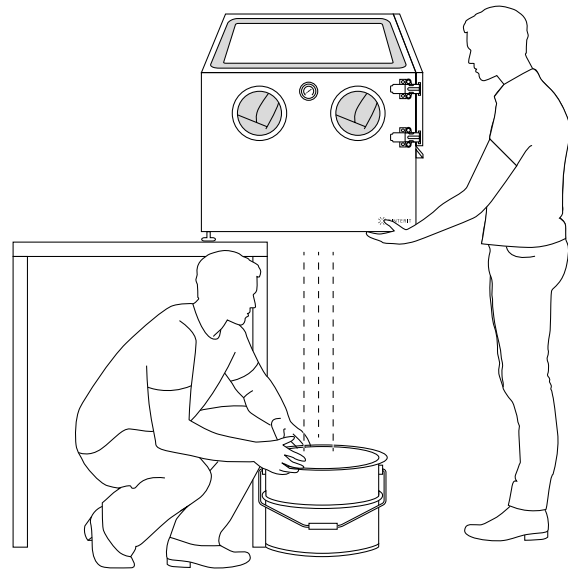


Image 10. Removing used Abrasive material.

7.2 Replacement of the ceramic nozzle from the inner air blow gun

1. Disconnect the sandblaster from the Power supply **12** and the compressor **14**.
2. Unlock the door locks **6** and open the Door **8**.
3. Remove the Inner air blow gun **22**.
4. Unscrew the nozzle lock and pull the ceramic nozzle out of it.
5. Clean the Inner air blow gun of any possible dirt and powder.
6. Insert the new ceramic nozzle **D** into the nozzle lock nut (remember, that they have different dimensions).
7. Tighten using the supplied wrench **F**. Put the Inner air blow gun back into the sandblaster.

7.3 Replacement of protective rubber gloves

1. Disconnect the sandblaster from the power supply and the compressor.
2. Unlock the door locks **6** and open the Door **8**.
3. To loosen the metal clamp around Protective rubber glove **6**, twist off the clamping screw.
4. Gently remove used Protective rubber gloves.
5. Clean the surface thoroughly from dirt.
6. Fit the Spare Protective Rubber Gloves **M**.
7. Mount the metal clamp back in place and tighten the clamping screw.

7.4 Maintenance of the Viewing window

1. Use a soft cloth or paper towels to clean the sandblaster Viewing window **3**.
2. When the Viewing window **3** itself is damaged, replace it by safety glass with the same thickness and measurements. Contact with Sinterit Support.
3. Poor visibility inside the sandblaster can be caused by damaged PE protective foil **19**, which is placed on the Viewing window **3** (inside the chamber). This can easily be replaced by new foil (the five spare PE protective foils **U** are available in additional accessories of the Sinterit SANDBLASTER SLS).
 - Remove the old PE protective foil **19**.
 - Clean the inside of the Viewing window **3** with a soft cloth (it is best to soak it with alcohol).
 - Wait until all it dries and carefully place the new PE protective foil **U**.

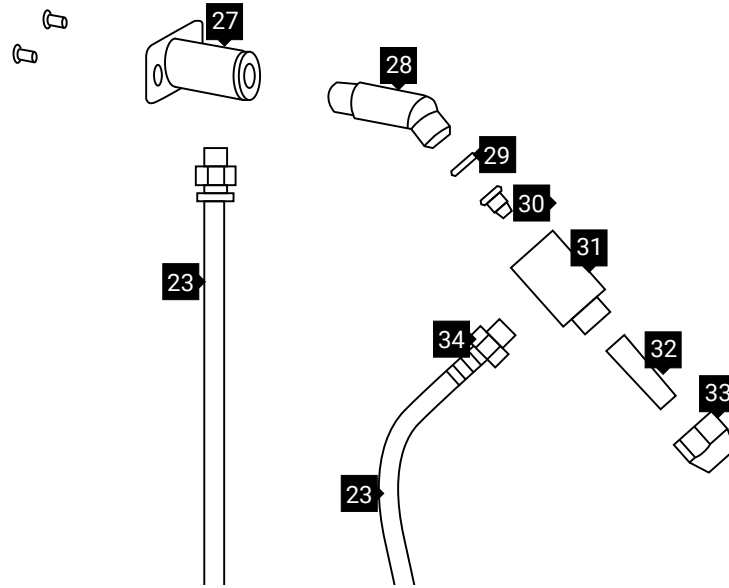


Image. 11. Detailed cross-section through the Static nozzle **19**.
27.Static Nozzle seat / 28.G1/4-45 degree bend / 29.Rubber gasket / 30.Venturi tube / 31.Static Nozzle body / 32.Ceramic nozzle / 33.Nozzle lock nut / 34.Pneumatic tubing connector / 23.Static Nozzle Pneumatic tubing

8. Troubleshooting

Fault symptoms	Possible Causes	Remedial actions
Excessive dust in the Sinterit SANDBLASTER SLS.	Blocked vent or airflow.	Clean the vent and keep it away from the wall.
	Leakage at the pneumatic connections.	Tighten up the connections and check that they are all correct.
	Too much Abrasive material in the sandblaster.	Remove the excessive Abrasive material.
Inconsistent effects of the Abrasive material.	Moisture in the sandblaster.	Replace the Abrasive material.
Incorrect speed or inefficient sandblasting.	Abrasive material running out.	Replace the Abrasive material.
	Pressure too low.	Increase the inlet pressure and check that the air regulator is fully open.
The nozzle does not turn off.	Incorrectly connected control pneumatic tubings.	Connect the control pneumatic tubings properly.
	Lack of integrity in the control tubings.	
A flow of abrasive is too weak.	The Static Nozzle is clogged.	1. Remove the ceramic nozzle and clean it with compressed air. 2. Install it back.
A flow of abrasive is weak and the nozzle has been cleaned.		1. Remove the ceramic nozzle, close the sandblaster and start the abrasive flow. 2. This process should remove every object that is in the air flowing duct. 3. Install the ceramic nozzle back.
		Check if the Venturi tube 31 is correctly installed in the Static Nozzle or if it is not clogged.

Check if the Venturi tube is correctly installed in the Static Nozzle or if it is not clogged.

**ATTENTION!**

Any other problems not described in this manual should be reported to Sinterit Support by contacting through:

- email: support@sinterit.com
- [www: sinterit.com/support-page/](http://www.sinterit.com/support-page/)
- phone: +48 570 702 886.

9. General legal information

Where this manual refers to Sinterit or the Company, this means Sinterit sp. z o.o. with its legal seat in Krakow, registered by the District Court for Kraków-Śródmieście in Krakow, XI Commercial Division of the National Court Register under number: 535095, NIP (tax number): 6793106416, with the share capital for a date of publication of this manual of PLN 102,050 (say: one hundred and two thousand and fifty).

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This manual serves to assist you in the correct use of the device, perform basic maintenance and, if necessary, to solve simple problems, allowing you to maintain the device in a good condition.

This manual contains content exclusively for the provision of information and the use by individuals professionally trained and engaged in the operation and maintenance of the equipment described below.

The information contained in this document is intended for use only with the product called Sinterit SANDBLASTER SLS.

Due to the constant development of Sinterit's products the information contained in this manual, specifications and markings are subject to change without notice.

10. Disclaimer

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Sinterit is not liable for any damages, including but not limited to losses or lost profits, resulting from the use of any materials (consumables) other than those provided to the purchaser by Sinterit.

Sinterit is not liable to the purchaser of the product or any third party for any damages, including but not limited to losses or lost profits resulting from improper use of the product, particularly not in accordance with this manual, or modifications or repairs unauthorised by Sinterit or improper maintenance.

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11. Trademarks

Sinterit logo is a registered trademark of the Company.



12. Terms of warranty

The terms of the warranty are set forth in the agreement between the buyer and the Company.

In case of a purchase made in the Sinterit online shop, the terms of the guarantee are specified in the Terms and Conditions, subject to the acceptance of the Customer before placing an order.

In case of purchases made outside the Sinterit online store, the warranty terms may be specified in the offer, or in another form chosen by the Company to provide the customer with relevant information before making a purchase decision.

Sinterit's warranty does not cover including but not limited to:

- damages, abnormalities or malfunction caused by a client or any third party,
- damages, abnormalities or malfunction caused by inappropriate use, effects of force, insufficient or inappropriate maintenance, abnormal operating conditions, incorrect installation or inadequate servicing,
- damages, abnormalities or malfunction caused by dismantling, alterations, tuning or other changes of the product by a client or any third party made without written consent of Sinterit,
- damages, abnormalities or malfunction caused by or related to use of consumables other than those being supplied by Sinterit,
- damages, abnormalities or malfunction caused by or related to use of product against instructions/manuals or safety regulations,
- damages or abnormalities Sinterit is not liable for, according to the applicable law,
- damages exceeding the price paid by the client,
- costs incurred by the client in connection with the conclusion of the product sale agreement as well as storage and/or insurance of products,
- damages of property caused by the defect of the product,
- loss of profits,
- incidental, indirect, consequential damages.

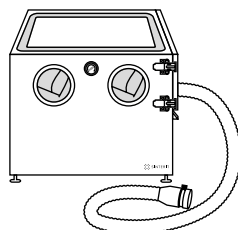
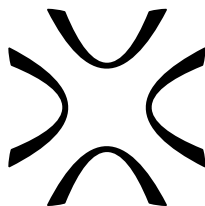
The warranty does not cover any cleaning of working parts

13. Technical support

The latest information, technical support and versions of the manual are available by contacting us through:

- email: www.sinterit.com/support-page
- phone: +48 570 702 886

The list of distributors and technical support in specific countries can be found at www.sinterit.com/contact



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