

Blasting material barrel with suction kit

Item no.: 520800801



Description

The blasting material barrel with suction kit for wet blasting kit ST-555

By using the blasting material barrel with suction kit, the blasting material remains protected even in rain. Outdoor sandblasting work is therefore possible with the barrel lid closed, even in rainy weather. The blasting agent can also be easily transported to another location.



General safety notes

- To ensure safe operation, the blasting material barrel with suction kit may only be operated in accordance with these operating instructions.
- Please keep this manual for future reference.
- Read the safety data sheets (of the blasting material) and observe the relevant safety and processing regulations.
- When working with the blasting material, personal protective equipment must be worn, see accident prevention regulations "Personal protective equipment" (VBG101 currently in draft). Personal protective equipment includes: B. Protective suits, head protection, non-slip protective gloves and non-slip boots, metatarsal protection, respiratory protection, hearing protection, eye or face protection.
- Assembly, commissioning, operation and maintenance may only be carried out by trained and authorized personnel.
- Operation with damaged components is not permitted; these must therefore be replaced immediately.
- The warranty claim becomes void if damages are caused due to non-observance of this user manual. No liability is assumed in case of consequential damages.
- For safety and regulatory reasons, unauthorized modification and/or alteration of the blasting material barrel with suction kit is not permitted. An exception is the replacement of defective components by an authorized specialist.
- In industrial establishments the accident prevention regulations of the professional trade association for high pressure cleaner and equipment must be observed.
- Do not use the device when people without protective clothing are within reach.
- The blasting material bin must be placed on a level and solid surface. Do not place it on sloping terrain.
- When transporting the blasting material barrel, the regulations regarding load securing must be observed.
- The blasting material container must be unloaded carefully. The containers must not be thrown or dropped from the vehicle onto the ground.
- Do not climb, sit or stand on the barrel.
- Do not put any body parts (fingers, etc.) into the container before closing the lid!
- Do not overload the container – there is a risk of tipping over, which could result in injury and damage.



Processing flammable, explosive, corrosive or toxic substances is prohibited!

The blasting material barrel may only be used if it is in technically perfect condition, structurally unchanged, as intended, with due consideration of safety and hazards and in compliance with these operating instructions. Only adults who have been trained in the use of high-pressure cleaners and blasting equipment may use the blasting material barrel with suction kit. To avoid damage to the device, install a fine filter with a recommended mesh size of 50 µm in the water supply to the device. Please also observe the operating instructions for the devices and accessories connected to the blasting material barrel.



For your safety

This Suttner product corresponds to the state of the art and the recognized safety regulations. Due to the high pressures and temperatures, there is still a risk of property damage and injury to users and other people. Be sure to follow these operating instructions and the relevant regulations for liquid jets. Regarding personal protective equipment, see the accident prevention regulations "Personal Protective Equipment" (VBG101 currently draft). Personal protective equipment includes: B. Protective suits, head protection, non-slip protective gloves and non-slip boots, metatarsal protection, respiratory protection, hearing protection, eye or face protection. Do not use the device when people without protective clothing are within reach.

Blasting material barrel with suction kit

Item no.: 520800801



! Intended Use

The blasting material barrel with suction kit should only be operated with suitable accessories.

The blasting material barrel with suction kit is not intended for use by persons (including children) with limited physical, sensory, or mental capabilities or lack of experience and/or knowledge, unless they are supervised by a person responsible for their safety or have received instruction from that person on how to use the component. Children are generally prohibited from operating this component.

The blasting material bin should not be moved over cobblestones, tiled floors, grass, or uncompacted natural soil. There is a risk that the bin could slide or tip over.

When pulling and pushing heavy (filled) blasting bins, forces are exerted that place strain on the musculoskeletal system. This particularly affects the lumbar spine and the shoulder-arm system. People with conditions in these areas should avoid using the blasting bin.

It's better to push the blasting material bin than to pull it. When pushing, your back stays straight longer, allowing you to exert more force. Therefore, push before pull. When pulling, you'll have a twisted posture, which puts much more strain on your body. Never climb stairs or curbs alone; always with someone else. A gentle approach is essential to avoid damage to the blasting material bin's chassis.

The use of the containers in potentially explosive areas is not permitted due to the possible electrostatic charging of plastic boxes.

Under no circumstances should aggressive (irritating) or solvent-based (environmentally hazardous) cleaning agents be used for cleaning. The container is not intended to be carried or this is prohibited by relevant legal regulations (e.g. ASchG (Occupational Safety and Health Act), AAV).

Commissioning

- Before commissioning and filling with blasting material, the blasting material barrel with suction kit must be placed in a stable location. It must be secured against rolling away, tipping over, etc., with or without external influence, even during operation.
- Before filling the blasting media, please refer to the manufacturer's safety instructions. Wear a protective mask and goggles if heavy dust is generated.
- Fill the barrel with blasting material. Use only dry blasting media! Damp or wet blasting media will cause blockages and malfunction of the water granule blaster.
- The permissible total weight of the bin of max: 50 kg must not be exceeded.
- Operating the wet blaster creates a vacuum (see wet blaster operating instructions). This vacuum causes the blasting media to be drawn in through the built-in suction set. The blasting media is drawn in through the 9mm diameter hole aligned with the bottom of the container. The blasting media is mixed with air through the 3.5mm diameter holes in the pipe thread. If the supplied air is insufficient, it can be further regulated by opening and closing the ball valve. This also allows the intake volume of the blasting media to be controlled.
- Connect the DN12 – DN19 suction hose of the wet blasting set used to the outlet of the suction kit. Secure the suction hose to the outlet with a suitable hose clamp/adapter.
- Connect the DN12 – DN19 suction hose of the wet blasting set used to the outlet of the suction kit. Secure the suction hose to the outlet with a suitable hose clamp/adapter.
- Please also read the operating instructions of the wet blasting set to be used!

Technical data

Material barrel	Plastic - HDPE, UV-stabilized
Color	blue
Filling volume	80 L
Dimensions (W / D / H)	445 x 516 x 965 mm
Dead weight ton/ Properties	10 kg
Number of wheels / diameter	2 rubber wheels / 200 mm
	Max. 50 kg (max. 32 kg filling weight)
Permissible total weight	0:4 – 0:8 mm = DN12 0:6 – 1:2 mm = DN19
Outlet connection	G 1/4" M - ø13 mm Adapter 1/4" F - ø 18 mm

Maintenance



Installation, maintenance and repair work may only be carried out by persons who have been trained in maintenance and repair work on water pressure boosting systems.

Only use approved spare parts.

Only use high-pressure components (hoses, couplings, etc.) that are approved for the respective pressure and temperature range.



Risk of injury from splashing medium!

- Before starting work, check the pressure boosting system (spray device, hoses, screw connections, etc.) for leaks and damage.
- Stop operation immediately if leaks or malfunctions occur.
- Do not point the exit at yourself or other living beings. Not even to clean clothes or shoes.
- Never reach into the emerging jet.



Risk of injury due to pressure!

- Do not point the outlet at living beings.
- Do not spray objects that contain substances that are hazardous to health (e.g. asbestos), objects that carry electricity or are fragile!
- Failure to observe these instructions may result in danger to life, limb and property!
- The cleaner is not suitable for cleaning sensitive surfaces



Danger of burns and scalding from hot media!

If you work with operating and auxiliary materials whose temperature exceeds 45° C, do not touch any uninsulated areas.

- Put on protective gloves!



Danger of falling due to the high-pressure jet

- There is a risk of slipping due to slippery floors.

Symbols and their meaning



The technical limits of the product can be found on the type plate or data sheet.

The user must wear suitable protective clothing when using the product, for example gloves, shoes and safety goggles.

The currently applicable local safety regulations must always be observed.



Read this manual carefully before using the device!

Keep the manual carefully for future use or for subsequent owners!

This manual has been prepared with the greatest care.

However, R+M de Wit GmbH cannot accept any liability for any errors in this manual or their consequences!



Defective blasting material barrels must be replaced immediately or withdrawn from circulation.

Disposal



Please dispose of old devices in an environmentally friendly manner.

Old devices contain valuable recyclable materials that should be recycled. Please dispose of old devices at appropriate collection points.