



User manual

STENSBALLE Collector container

Typ SC 800/1000/1500

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Registration of Use

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Stensballe manufactures quality machines for professional users.

The warranty period on our machines is 12 months from the purchase date, and covers any material or manufacturing defects.

Any parts that have suffered damage as a result of material and production faults will be replaced by GMR maskiner a/s at no extra charge.

Consequential damage and wearing parts will not be replaced.

PLEASE NOTE!

To maintain warranty, the Dealer is obliged to fill in and return the "Registration for use" below to GMR maskiner a/s, not later than one month after delivery to the end user.

A condition for any processing of claims is that this "Registration for use" is submitted timely.

This can be done via our website www.gmr.dk

or by completing and scanning/submitting the coupon below to:

GMR maskiner a/s
Saturnvej 17
8700 Horsens, Denmark
stensballe@gmr.dk

Registration for use:

Machine number	
Model	
Delivery date	
End user	
Address	
Dealer	

EC declaration of conformity

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EC declaration of conformity

Manufacturer: GMR maskiner a/s
Saturnvej 17, 8700 Horsens, Denmark
Tel.: +45 7564 3611

hereby declares that

machine: Stensballe
machine no.: _____
date: _____

is in conformity with the applicable requirements of:

Order of 10 June 2013 implementing Directive 2006/42/EC of the European Parliament and of the Council as amended, as well as the EMC Directive 2004/108/EC as amended.

Standards applied:

DS/EN ISO 12100:2 011 Safety of machinery - General principles for design
- Risk assessment and risk reduction.

Signature: Peter Thomsen
Peter Thomsen
Factory Manager

Information



This Collector container is designed to suction grass surfaces when connected to a frontal sickle mower, the quantity of grass suctioned being limited to the performance of the mower. No materials other than grass and leaves should be suctioned.

The prescribed usage conditions for the sickle mower must be observed.



NOTE

Important information

Please make sure that the Collector container is always operated and used with a suitable vehicle. Contact the manufacturer of your vehicle to determine if the vehicle is suitable for attaching a Collector container. When attaching and detaching the Collector container the securing and fastening points provided by the manufacturer are to be used.

The permissible axle loads and gross weights of the carrier vehicle must be observed. Changing the tyres or track width can affect driving behaviour and permissible loads; furthermore, it may be necessary to change the suction hose routing.

Operating and maintenance instructions

These operating instructions contain important operating and maintenance instructions that enhance the trouble-free operation and useful lifetime of the Collector container. We recommend that you read these carefully and observe the maintenance intervals.

Warranty period

During the warranty period, the Collector container must be checked once monthly by the authorised workshop. The check must be documented by the delivery workshop (stamp, date, signature); failure to observe the maintenance intervals voids the warranty, as damage to the machine may occur.

In the event of faults on the machine, always look for a specialist workshop; do not try to perform repairs for which you lack the necessary experience and possibly the necessary tools.

After expiry of the warranty period, it is mandatory to have the Collector container checked once yearly by a specialist workshop. We only work with specialist workshops that have the required specialist knowledge. These workshops must also check the hydraulic cables and connectors once a year. The law requires that hoses are completely changed six years after manufacture.

We cannot be held liable for the machine if modifications are made to the machine without the manufacturer's permission. We also cannot be held liable if original GMR spare parts are not used.

We reserve the right to make technical changes or improvements; all information, illustrations or dimensions are non-binding and no incidental claim can be compensated for this.



General information

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Read the operating instructions before commissioning the Collector container and, in case of doubt, contact the authorised dealer.

Only use original GMR spare parts for the Collector container. Original spare parts can be ordered from your dealer or directly from GMR maskiner a/s. The Collector container is factory pre-assembled, tested and ready for use.

The Collector container is a product that has been developed based on the experience of users such as Galabauer, municipal enterprises and housing associations.

Safety warnings



WARNING

Risk of personal injury or death

A technical procedure or similar which may be hazardous and result in personal injury or death.



CAUTION

Damage to machinery or accessories

A technical procedure or similar which may result in damage to the machinery or accessories.



NOTE

Important information

A very important technical procedure or similar.

Never

- let unskilled persons work unsupervised with the machine
- use PTO shafts without EC mark
- use the machine without the protective covers installed by GMR maskiner a/s
- allow persons to remain within the hazardous area of the machine
- leave the tractor seat while the machine is still operating
- make changes or adjustments while the tractor engine is running
- perform repairs or maintenance work when the tractor has the machine in a raised position.

General information

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Always

- check, after 15 hours of operation, that all nuts and bolts are tightened
- ensure that unauthorised persons stay away from the machine's working area
- turn off the tractor engine and remove the drive connections before performing any adjustments, maintenance or repairs.

Safety instructions



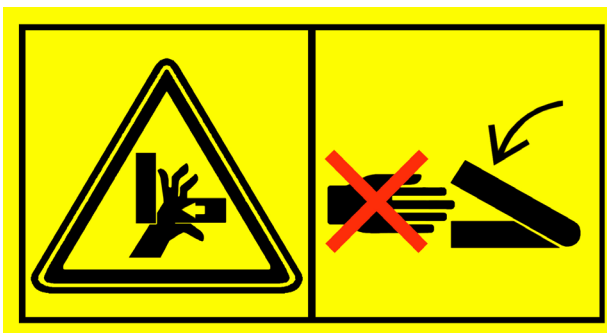
NOTE

Important information

- Please ensure that no one ever remains within the hazardous area.
- The machine is provided with various labels and signs. These must remain on the machine and, must be replaced if they get damaged. New labels and stickers can be ordered through your dealer.
- To avoid personal injury, all moving parts of the machine are installed with covers.
- All covers must be in good working order. If they are damaged or worn, they must be replaced or repaired at the dealer.
- The suction hose must be adjusted and, if necessary, re-shortened after 25 hours of operation at the latest. The suction hose must be properly routed and not be sagging, so as to ensure optimal suction and avoid damage.
- The hydraulic hoses must also be properly connected and routed to ensure no chafing can occur.

Warning signs

The machine is provided with warning signs as shown below.



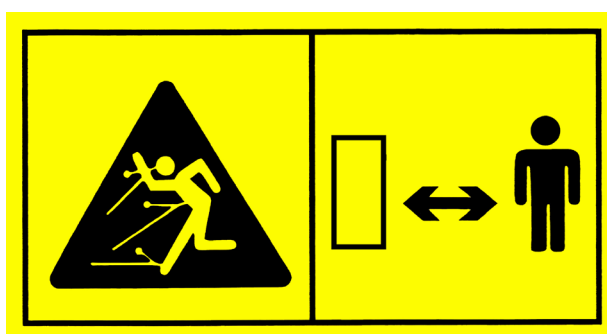
Crush and injury hazard

There is an acute crush and injury hazard.



Caution

Do not reach inside the running turbine.



Caution

Unskilled persons are not permitted to work with the machine.

Operating instructions

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Operating instructions for operating the STENSBALLE Collector container SC

We congratulate you for purchasing the "STENSBALLE SC Collector container" and thank you for your confidence in us.

The STENSBALLE Collector container is a high quality product built in our factory according to our quality guidelines.

However, we must remind you, the end user, that the container was designed to extract grass and leaves when connected to a sickle mower.

You will receive the final operating instructions upon completion.

You have chosen a STENSBALLE Collector container. Since this machine is used exclusively for suctioning grass and leaves, you must pay attention to the following points:

- The carrier vehicle must meet the appropriate condition and equipment for operating the Collector container.



- The Collector container may only be operated by specialist persons.
- During the emptying procedure, no persons may remain within the hazardous area (at least 20 m safety distance).
- Under no circumstances should the emptying procedure be carried out when the vehicle is parked at an angle.
- The suction hose may only be removed when the vehicle and mower are switched off, and then only for cleaning.
- Under no circumstances should you reach inside the suction turbine for the suction hose while the engine is running.

Operating instructions

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- Make sure that no more than one person is operating the machine (*switch off the engine); if the container is in a raised position; the enclosed locking rod must be fixed (crushing hazard).
- Pay attention to the hose length; if a hose is too long this affects its suction power and it can get damaged!
- The hydraulic system is subject to high pressure; this pressure is released during servicing or maintenance.
- When cleaning and servicing, make sure that the machine is secured.
- We cannot accept any liability if modifications are made to the machine.

Attachment to the carrier vehicle

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1. Reverse the vehicle up to the turbine side of the Collector container. Drive the vehicle slowly, into the middle, between the parking supports - if necessary, work with the instructor (instructor must not remain within the hazardous area of the machine) - and reverse the vehicle up to the coupling elements.
2. The tilt cylinder on the vehicle must be switched off before attachment.
3. Stop the engine and secure your vehicle from rolling away.
4. Slowly lower the Collector container into the coupling elements of the carrier vehicle with the aid of the parking supports; before removing the parking supports, check that the Collector container is inserted into the coupling elements provided and then fasten these elements.
5. Properly connect all intended hydraulic cables to the vehicle.

Install and route the suction hose to the carrier vehicle, attach the pump suction nozzle to the mower and secure. The Collector container must not be operated without the suction hose being connected; before starting up the turbine, care must be taken that there are no foreign bodies inside the turbine, inside the suction hose or beneath the frontal mower, as these bodies can get sucked in.

1. Prior to commissioning, let the turbine run stationary and check the hydraulic components for leaks, then slowly take the turbine to full speed and check all hydraulic connections again.
2. To attach the mower pump suction nozzle, push the nozzle in front of the hinges, push through the hinge pin and secure with cotter pin or locking pin.

Basic adjustment of the Collector container

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Basic adjustment

- the speed of the carrier vehicle should be high enough for the Collector container to reach its optimum work rate of at least 40 l/min.



- the engine speed must be kept constant, no changes in speed may be made.
- please pay attention to the optimal positioning of the mower and suction hose - especially the routing of the latter (see operating instructions).
- when emptying the container, please pay attention to the surroundings of the hazardous area, and always empty in the direction of the wind.
- after use, carry out cleaning work, check hose for damage, foreign bodies (broken glass, cans, stones, etc.).

Before commissioning

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Accident hazard

Before starting the cleaning, switch off all running and rotating parts and wait until all running and rotating parts have come to a standstill.

- Always wear appropriate protective clothing when cleaning the suction container, such as gloves or moisture-protective clothing; foreign bodies may always be present inside the turbine or within the compressed grass in the blower, which can cause injuries.
- Please look out for damaged parts, safety devices, fasteners, screws, safety devices and working tools (wind vane); these parts must be repaired or replaced before the Collector container is returned to operation.
- After cleaning, repair or maintenance work, all safety devices, fastenings and protective devices must be brought back into good working order before the Collector container can be returned to service.
- When reversing, an instructor is required - take care that this person is not within the hazardous area.

Accident prevention

In the design and manufacture of the Collector container, special care has been taken to ensure the operator's safety.

However, injury and accidents can only be avoided by trained and instructed persons insofar as these latter recognise the hazards and behave accordingly.

- Sources of hazard include moving parts, such as the wind blades in the blower and the tailgate of the Collector container
- A crush hazard exists when attaching or detaching the Collector container, when raising or lowering the container during the emptying procedure, as well as when opening and closing the tailgate.

Before commissioning

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Please take note of the following instructions

- Do not wear loose clothing as this can catch on rotating parts.
- Fasten attachments using the required devices; please never use wire or ropes.
- Please make sure that the vehicle is never left unsupervised while the engine is still in operation. Never leave the driver's seat when driving slowly. Before leaving the vehicle, switch off all operating systems and ensure that no unauthorised persons have access to the machine.
- Any repairs and maintenance must only be carried out with the engine switched off and the hydraulics lowered.
- Never leave the Collector container inside enclosed spaces.
- After maintenance and repair work, the safety devices must be completely re-installed; operation without safety devices is not permitted.
- When attaching or detaching the Collector container, make sure that the carrier vehicle is secured against rolling away (handbrake). The Collector container should also be secured against rolling away and unintentional tilting. Only set down the Collector container on firm and horizontal ground.
- When reversing, an instructor is required; please ensure that this person is not within the hazardous area of the machine.
- Please keep in mind that the vehicle with a Collector container attached requires a different handling than a vehicle with no Collector container attached.
- Always ensure that you are fully awake when handling this machine and expect the improbable.

Detaching the Collector container

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- Check that the Collector container is empty; if necessary, empty the container
- Park the vehicle on solid and horizontal ground
- The Vehicle must be secured against rolling away
- Stop the engine and lower the hydraulics
- Insert and secure the telescopic parking supports in the laterally provided square holes of the Collector container. Crank the telescopic parking supports down to the ground
- Release the hydraulic connections and hydraulic cables and place them down properly. Release the suction hose, remove the suction hose and pump suction nozzle and place them at a safe distance
- Secure the coupling points to the container and release the container from the carrier vehicle
- Crank the Collector container upwards via the telescopic parking supports until the carrier vehicle is free and the Collector container can be moved out, while at the same time checking the stability of the container
- The carrier vehicle can now be moved slowly underneath the container.

Type plate

The machine is equipped with a type plate with an engraved machine number. The first two digits of the machine number indicate the year of manufacture. The machine number is unique to the particular machine, and GMR maskiner a/s will always be able to refer back to that machine if the number is quoted.

This plate also states the weight of the machine in kg and its power requirement in kW.



CE labelling

The label indicates that the machine complies with the EC Machinery Directive, the year of manufacture and the manufacturer's website.

Customer services and claims

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Service

It is the dealer's responsibility to deliver the machine (and assemble if required), to start it on delivery or first use, and to instruct the operator about the use and maintenance of the machine (including tightening nuts and bolts).

The dealer is also obliged to make sure that the user manual and spare parts list is delivered to the customer and that the registration for use is completed correctly and sent to GMR maskiner a/s no later than 1 month after delivery to the user. (See page 3)

Claims

The warranty period on GMR machines is 12 months from the purchase date, and covers any material or manufacturing defects. These parts will be replaced by GMR maskiner a/s free of charge. Consequential damage and wear and tear will not be replaced.

Any components which are not manufactured by GMR maskiner a/s are included under the terms of the warranty to the extent authorised by the supplier of the parts in question.

GMR maskiner a/s reserves the right to assign a claim of this kind to the relevant supplier and not to reach a decision until the relevant supplier has responded.

The following must be observed when working on a claim:

- report the claim to GMR maskiner before the repair is started
- agree a time period with GMR maskiner for qualified technicians to carry out the repair
- any labour costs will only be approved at a fixed net price.

If GMR maskiner a/s has not authorised repair work in advance, any invoice submitted for repair work will not be approved.

At GMR maskiner a/s' request, before the claim can finally be handled, any parts that were replaced must be sent carriage paid to the factory.

GMR maskiner a/s retains the exclusive right to determine the extent to which a part shall be replaced or repaired.

Customer services and claims

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The warranty does not cover:

- normal wear and tear or damage which has resulted from inadequate maintenance.
- damage caused by collision.
- non-compliance with the product's technical specifications or if the product is used for a purpose other than that described in the ser manual.

If the product is altered or if non-original spare parts are used, all rights under the warranty will be rendered void.

The purchaser does not have the right to require that design changes on future models are implemented in a pre-existing machine.

In the event of a complaint

Complaints must be registered directly with GMR maskiner a/s. Complete a complaint report, stating the machine type, production number and date of its delivery to the customer, and send it to us. This is done via the dealer login on our website www.gmr.dk. If questions arise about claims on imported machines, we reserve the right to present the claim to the manufacturer before making any decision about whether the claim can be accepted.

Our machinery is subject to the EC Machinery Directive and quality assured within the European Union. We make every effort to comply with these requirements and do our utmost to supply high quality machinery.

Horsens, 01.06.2017
GMR maskiner a/s



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