

Rotary **Cow Brush**



CE

MANUAL USER



Before using machine, surely read this manual



Before using machine, surely read this manual

MANUAL USER

CE



Rotary Cow Brush

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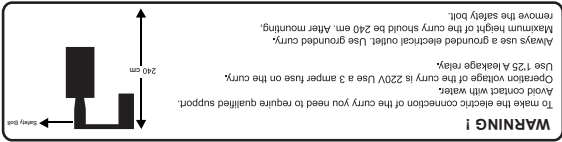
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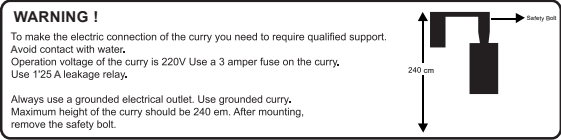
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Problem	Cause	Solution
Brush does not turn	Mains not connected or no voltage Plug is removed from the wall Check fuse	Plug in the wall socket Check fuse Clean shaft and brush
Brush does not switch off	Printed circuit board does not switch off	Contact with seller
Brush makes strange noise	Flywheel loose Bearing or gearwheel problem Completely broken outgoing axle	Contact with seller Contact with seller Contact with seller
Brushshaft falling down	Broken Locrite connection Partly broken outgoing axle	See service news See service news

TROUBLESHOOTING

Problem	Cause	Solution
Brush does not turn	Mains not connected or no voltage Plug is removed from the wall socket Brush mechanically blocked	Check fuse Plug in the wall socket Clean shaft and brush
Brush does not switch off	Printed circuit board does not switch off	Contact with seller
Brush makes strange noise	Flywheel loose Bearing or gearwheel problem Completely broken outgoing axle	Contact with seller Contact with seller Contact with seller
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Rotary cow brush

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TROUBLESHOOTING

MAINTENANCE

Note! Follow the safety precautions during maintenance work!

Note! Maintenance only to be executed by authorized persons.

- Disconnect the plug from the wall socket before starting maintenance work. For additional safety, remove the fuse from the main switchboard.
- Clean the swinging cow brush carefully before starting maintenance.
- Always consult your dealer if you have any doubts.
- The following maintenance instructions are based on normal use. At intensive use or use at extreme circumstances the maintenance intervals should be shortened.

Regularly

Cleaning

The brush part should be cleaned regularly using a high pressure cleaner or similar.
Always remove the brush part from the motor drive before cleaning, according to section Brush cylinder replacement.

Note! The motor unit is IP55 protected and does not withstand high pressure cleaning.

Weekly

- Check the gearbox for oil leakage.
- If leaking please contact your seller dealer, the gear box should immediately be replaced.

Once a year

It is recommended that yearly do a service and change oil and brush cylinder on the swinging cow brush to maintain its performance.

Oil change

To change oil, unscrew the oil plug and put the drive horizontal with the drain hole upwards and let the oil drain into a collecting container. Put the drive horizontal with the drain hole up and refill with 150cm³ of swinging cow brush gearbox oil, and then screw the plug back.

Brush cylinder replacement

The brush need to be replaced, under normal use, once a year or when it is worn out.

- If the bolt is locked by Locrite: Heat it up gently with a gas burner and unscrew it.



Caution! Take care not to set fire to the bristles.

- Remove the bottom plate and the old brush cylinder.
- Fit the brush unit to the axle.
- Re-fit the bottom plate and the bolt. With the upgraded bottom plate kit, no Locrite is needed.

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SAFETY PRECAUTIONS



Attention !

Read the user's manual of the swinging cow brush in order to know how to position and mount the swinging cow brush before starting operation.

Follow the instructions in this user manual with regards to safety, use and maintenance optimize. Keep this user manual within reach of the swinging cow brush. This is not legally responsible for damage and indirect damage due to operating errors, lack of correct maintenance and/or any way of use which is not described in this manual. The responsibility of seller expires as soon as you or any third party, without written agreement from seller, executes any operation like adjustments or extensions to the function of the swinging cow brush or its accessories. Seller continuously strives for improvement of our physical products and offerings. Seller reserves the right to alter the specification shown without prior notice. Note that despite following these safety precautions, caution should be applied in all usage situations to avoid injuries.



Warning!

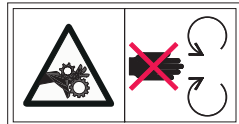


Before maintenance work:

1. Read and understand all the information contained in the operator's manual regarding maintaining, adjusting or cleaning the swinging cow brush.
2. Switch off the machine, shut down and lockout power supply, wait for all moving parts to stop.
Make sure the plug is taken out from the wall socket.
Make sure that no one else, by accident or due to misunderstanding, re-plugs the plug in the wall socket during maintenance work.

Warning!

Danger for injuries if stuck between main part and shaft.



Warning!

Danger for a serious injury by jamming. Always pull out the plug from the wall socket before dismantling the protective cover and maintaining the driving device.



Stay out of reach of the brush when it is switched on.

Warning!

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- Remove the bottom plate and the old brush cylinder.
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Caution! Take care not to set fire to the bristles.

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If the bolt is locked by Locrite: Heat it up gently with a gas burner and unscrew it.

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Weekly

Note! The motor unit is IP55 protected and does not withstand high pressure cleaning.
The brush part should be cleaned regularly using a high pressure cleaner or similar.
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Cleaning

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- The following maintenance instructions are based on normal use. At intensive use or use at extreme circumstances the maintenance intervals should be shortened.
- Always consult your dealer if you have any doubts.
- Clean the swinging cow brush carefully before starting maintenance.
- Remove the fuse from the main switchboard.
- Disconnect the plug from the wall socket before starting maintenance work. For additional safety, remove the fuse from the main switchboard.

Note! Follow the safety precautions during maintenance work!
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MAINTENANCE

SAFETY PRECAUTIONS

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Danger for a serious injury by jamming. Always pull out the plug from the wall socket before dismantling the protective cover and maintaining the driving device.

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Attention !



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Warning!

INSTALLATION

PRODUCT DATA



Wall installation

Note! The wall must be sufficiently strong. It should be comparable with a reinforced concrete wall.

For two persons working together, installation takes approximately 1 1/2 hour using a ladder and a rope (providing electricity connection is available). Use the provided mounting stencil as reference when mounting the brush on the wall.

1. Make sure that the wall is good enough for a stable installation of the swinging cow brush on a wall.
2. Determine the position where the wall mounting bracket should be installed. For correct measurements, use the separate mounting stencil provided with the brush.
3. Determine the height of the wall mounting bracket before fixation.
4. The height of the swinging cow brush is depending on the shoulder height of the cattle, average 100-115 cm (h) above the floor measured from the underside of the brush (see picture).
5. Mark the position of the four fixation holes on the wall, using the separate mounting stencil as reference.
6. Drill the 4 holes, dimensions 12 mm.
7. Mount the swinging cow brush by means of thread ends. Use thread ends of sufficient length. The thread ends should have a length length of the thickness of the wall plus ca. 70 mm.

8. Put the thread ends in the drilled holes and mount the swinging cow brush.
9. Remove the swing protection plates (see picture in section Transport).

Note! About a week after mounting, the fixation should be controlled.

- The swinging cow brush is available in two executions:
a) Wall mounting (delivered as standard)
b) Post installation, for post diameters 2"-2.5", 3"-3.5" and 4".

The swinging cow brush is not watertight and should be used indoors or under well protected roofs only.

Note! Outdoor installation might cause shortcuts in electric installation.

- The swinging cow brush is suitable for dairy cows over 1 year old.
- The swinging cow brush should not be used by animals with longer hair than 5 cm (including tail hair). For more information see under chapter Safety precautions.

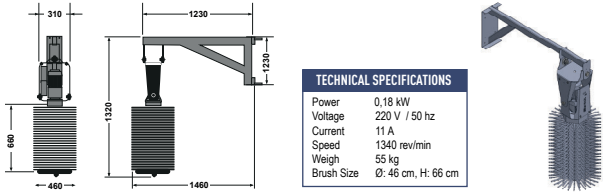
Note! The swinging cow brush may only be used for above mentioned application. Any other application is strictly prohibited.

After mounting the swinging cow brush connect the mains supply and the swinging cow brush is ready for operation. As soon as the cow pushes the brush, the brush starts automatically. When the cow leaves the brush, it will stop after approximately 10 seconds.

MATTERS THAT ARE CONSIDERED TO BE IN CASE OF TROUBLE

Check the electricity of the curry Take a support from a qualified person in case of any trouble
If there is a link between electronic circuits with electricity;
• Switch off the electricity of the curry
• Dislodge the electronic circuit
• Give a direct way (connection) to electronic motor
• If the electronic motor is on operation, then, the electronic circuit is broken.
Take technical support from our company.

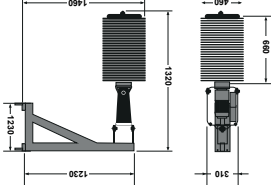
TECHNICAL SPECIFICATIONS



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TECHNICAL SPECIFICATIONS	
Power	0,18 kW
Voltage	220 V / 50 hz
Current	11 A
Speed	1340 rev/min
Weight	55 kg
Brush Size	Ø: 46 cm, H: 66 cm



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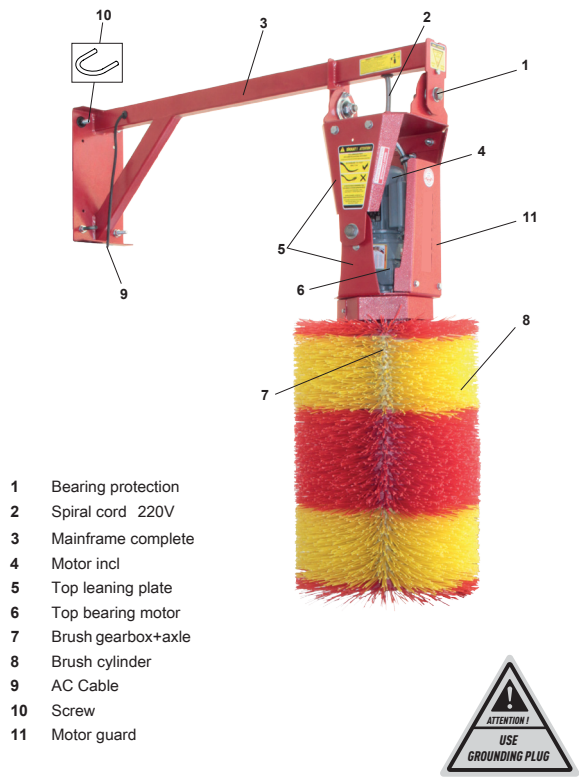
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PRODUCT DATA

INSTALLATION

PRODUCT DATA



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General

1. Installation must be performed by an authorized electrician.

2. Make sure the electrical connection fulfills the general and local requirements (Low voltage directive 2014/35/EU and that it is within reach from the brush.

3. After installation, check that the swinging cow brush runs smoothly. If not, switch off the mains connection immediately.

Transport

The brush is packed in a box and mounted on a pallet to protect the product during transport. For transportation and installation safety reasons two swing protection plates are mounted to the unit during transport, see picture.

Note! These protection plates should be kept during installation but removed before brush is started.

The weight of the complete brush including pallets is 58 kg (brush alone 35 kg). Use an elevator to move and lift the unit.

2. Mount the swinging cow brush as required according to the instructions.

1. Open the packaging.

Unpacking and assembling



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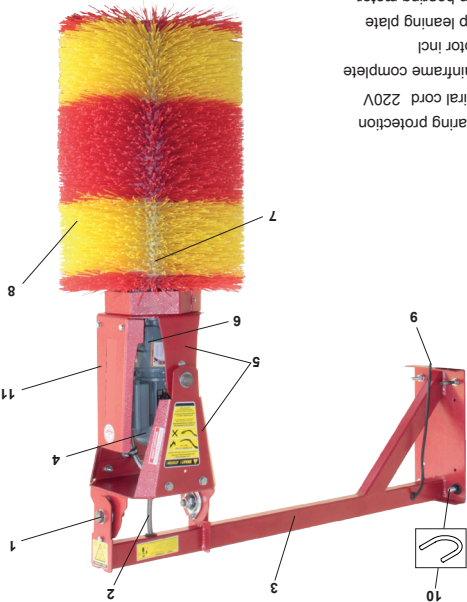
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- 1 Bearing protection
2 Spiral cord 220V
3 Mainframe complete
4 Motor incl
5 Top leaning plate
6 Top bearing motor
7 Brush gearbox+axle
8 Brush cylinder
9 AC Cable
10 Screw
11 Motor guard

INSTALLATION

PRODUCT DATA