



# COW

# CLEANING

# BRUSHES

**Healthy & relaxed cows  
increase milk production**

**4 cows brushes for optimal  
cow comfort**

## Cows enjoy rubbing themselves against objects – This is an intrinsic part of their nature!

Cow brushes will help to substantially improve hygiene levels - and a clean skin in particular on the cow's back, will aid the release of heat through the skin. Cows enjoy rubbing themselves against objects. This is an intrinsic part of their nature and the GEA cow brushes are ideal for this purpose. The robust cow brush structure is sturdy enough to withstand the forces. Furthermore, it also provides some resistance, allowing the cows to apply pressure without pushing the brush out of their reach. The cow brushes are suitable for all kinds of dairy cattle. The correct installation position is based on the average height of the cows within the herd and ensures optimal use, benefit and cow comfort.

### E-Brush

The E-brush is a fixed pendulum brush that can apply pressure for a better rubbing effect. It does not freely roll over or slip off the back of the cow. This ensures that it cleans the cow's back, the area normally the most prone to dirt. The brush has Ø400 mm and Ø500 mm nylon bristles, which make the brush more effective and allow it to reach difficult areas such as the base of the tail.

### M-Brush

The diagonal design of the M-Brush cleans both the cow's back and the down sides. The M-brush is a fixed brush. This ensures that it maintains a consistent pressure and can access a larger area of the cow. The brush has Ø400 mm and Ø500 mm nylon bristles, which make the brush more effective and allow it to reach difficult areas such as the base of the tail.

### CowCleaner Swing

The brush of CowCleaner rotates in every direction and at nearly every angle in order to reach every part of the animal's body (head, rump). The shape of the bristles enables it to brush a larger area of the cow when in use. The CowCleaner Swing comes with a control box with a display which provides status information.

### CowCleaner Duo

The CowCleaner Duo covers the entire body of the cow and can apply pressure for a better brushing effect. The two brushes are shaped to ensure that it brushes a larger area (head, back, breast and lateral area) when in use. In addition, the CowCleaner Duo comes with a control box with a display. This allows you to change the running time setting (7.5 – 120s) and to obtain status information. The double brush system starts rotating when it is lifted up. The GEA CowCleaner Duo is designed for optimal cow cleaning. CowCleaner Duo enhances the cow's health, comfort and welfare. These improvements result in a higher milk production.

## Overview of the cow brushes: Cleaning and brushing intensity

	E-Brush	M-Brush	CowCleaner Swing	CowCleaner Duo
Cleaning and brushing intensity				
Back of the cow	++	+	+	++
Head of the cow	+	++	+	++
Base of the cow's tail	++	+	+	++
Sides of the cow	-	+	++	++
Cleaning Pressure	++	++	+	++



## E-Brush

The E-brush is a fixed pendulum brush that can apply pressure for a better rubbing effect. It does not freely roll over or slip off the back of the cow. This ensures that it cleans the cow's back, the area normally the most prone to dirt. The brush has Ø400 mm and Ø500 mm nylon bristles, which make the brush more effective and allow it to reach difficult areas such as the base of the tail.

**Easy start:** The brush element and the drive can be lifted slightly due to the design. The brush is activated when the control unit detects movement. After starting up, the brush runs for approx. 60 sec. Next time it is activated the brush rotates in the opposite direction. This substantially improves the service life of the bristles, has a self-cleaning effect and prevents flattening of the bristle fibres.

**Cow comfort:** The brush is designed for use by dairy cattle inside free stall barns. The brush has a capacity of approximately 50 cows. It consists of rings with two different diameters. As a result, the brush better matches the shape of the cows.

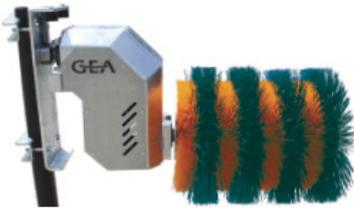
**Reliability and durability:** The use of nylon fibre material instead of polypropylene ensures reliability and durability, as nylon has a much greater resistance to wear. The nylon bristle hairs remain upright for longer, ensuring a better brushing effect. All of the parts are protected inside the encased drive unit for greater durability.

**Note:** The cow brushes are not suitable for bulls and cattle in oestrus. It is advised to keep the animal's hair short. Long tail hair must be trimmed to prevent the hair from becoming tangled in the brush. The animals must be dehorned and must not be wearing halters, etc. It is important to position the brush a neutral location without excessive cow traffic. A position neither close to the milking machines nor the feeding areas is preferable in order to prevent creating bottlenecks and crowding in the barn.



The horizontal design of the E-Brush ensures cleaning and brushing where it is most needed: on the cow's back, tail and head. The pendulum design ensures optimum counter-pressure and effectiveness. It does not roll freely over back or flank without brushing. Rapid automatic start/stop. The brush design with long and short bristles creates a better brushing effect on individual cows.

Cow comfort	E-Brush
Back of the cow	++
Head of the cow	+
Base of the cow's tail	++
Sides of the cow	-
Cleaning Pressure	++



## CowCleaner Swing

The special vertical arrangement of the brush simplifies cleaning the cow's skin on its head and body. The brush rotates in every direction and at nearly every angle, allowing it to reach every part of the animal's body (head, rump). Furthermore, it can be mounted at both ends, ensuring even use of the brushes. In addition, there is no risk of the brush springing up, as is the case with horizontal brushes!

- Sturdy motor/powertrain for maximum loads
- Transparent cover to the control box for quick identification of the operational status on the display

Cow comfort	CowCleaner Swing
Back of the cow	+
Head of the cow	+
Base of the cow's tail	+
Sides of the cow	++
Cleaning Pressure	+



The brush of CowCleaner rotates in every direction and at nearly every angle in order to reach every part of the animal's body (head, rump). The shape of the bristles enables it to brush a larger area of the cow when in use. The CowCleaner Swing comes with a control box with a display which allows you to change the running time setting (7.5 - 120s) and provides status information.

## M-Brush

The diagonal design of the M-Brush cleans both the cow's back and the down sides. The M-brush is a fixed brush. This ensures that it maintains a consistent pressure and can access a larger area of the cow. The brush has Ø400 mm and Ø500 mm nylon bristles, which make the brush more effective and allow it to reach difficult areas such as the base of the tail.

**Easy start:** The brush element and the drive can be lifted slightly due to the design. The brush is activated when the control unit detects movement. After starting up, the brush runs for approx. 60 sec. Next time it is activated the brush rotates in the opposite direction. This substantially improves the service life of the bristles, has a self-cleaning effect and prevents flattening of the bristle fibres.

**Cow comfort:** The brush from GEA is designed for use by dairy cattle inside free stall barns. The brush has a capacity of approximately 50 cows. It consists of rings with two different diameters. As a result, the brush better matches the shape of the cows and can more effectively brush the base of the tail, the head and back.

**Reliability and durability:** The use of nylon fibre material instead of polypropylene ensures reliability and durability, as nylon has a much greater resistance to wear. The nylon bristle hairs remain upright for longer, ensuring a better brushing effect. All of the parts are protected inside the encased drive unit for greater durability.

**Note:** The cow brushes are not suitable for bulls and cattle in oestrus. It is advised to keep the animal's hair short. Long tail hair must be trimmed to prevent the hair from becoming tangled in the brush. The animals must be dehorned and must not be wearing halters, etc. It is important to position the brush a neutral location without excessive cow traffic. A position neither close to the milking machines nor the feeding areas is preferable in order to prevent creating bottlenecks and crowding in the barn.



Cow comfort	M-Brush
Back of the cow	+
Head of the cow	++
Base of the cow's tail	+
Sides of the cow	+
Cleaning Pressure	++

The diagonal design of the M-Brush cleans both the cow's back and down the sides. In addition, the fixed mounting ensures greater counter pressure, creating an intensive brushing effect - unlike free-hanging vertical brushes. The brush can reach 90% of needed brushing area. In addition, the brush design with long and short bristles creates a better brushing effect on individual cows.

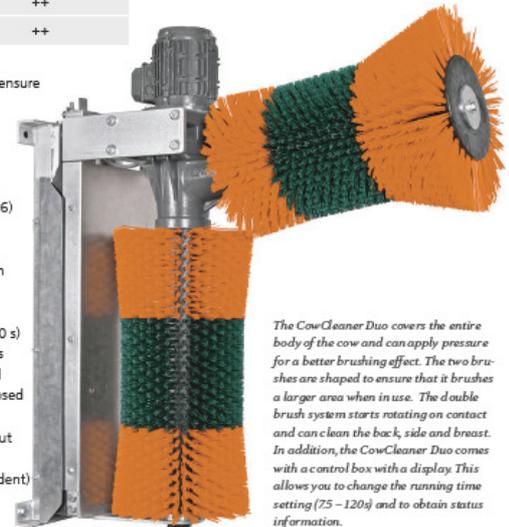
## CowCleaner Duo

Lice, mites and other parasites are removed from the animal's hide; the development of eczema or fungal infections is reduced or even completely prevented. The fully automatic CowCleaner Duo ensures that the cow is happy, willing and able to clean itself completely independently. The animals enjoy the two-brush machine and it is interesting to observe how generously they brush and massage themselves. The large brushes and massaging action encourage circulation in the skin and stimulate the animal's metabolism. This improves milk output and increases the frequency of oestrus.

Cow comfort	CowCleaner Duo
Back of the cow	++
Head of the cow	++
Base of the cow's tail	++
Sides of the cow	++
Cleaning Pressure	++



- High-quality polyamide brushes ensure a long service life
- Newly developed electronics for fault-free and low-maintenance operation
- Flexibly installable control unit in spray and dust-proof casing (IP 56)
- Informative display for status information
- Variable setting options for brush running time (7.5 - 120 s)
- Alternating brush movement direction after each activation (60 s)
- Ensures even wear on the bristles
- Maximum safety for animals and humans thanks to the fully-enclosed suspended unit
- Permanent lubrication throughout the gears' entire service life
- Safety switch-off (torque-dependent)
- Plug ready for 230 V socket



The CowCleaner Duo covers the entire body of the cow and can apply pressure for a better brushing effect. The two brushes are shaped to ensure that it brushes a larger area when in use. The double brush system starts rotating on contact and can clean the back, side and breast. In addition, the CowCleaner Duo comes with a control box with a display. This allows you to change the running time setting (7.5 - 120s) and to obtain status information.



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