

A WORLD FIRST ...

Fully automatic „autocut“ blade sharpening device for all **JUMBO** and **TORRO** silage wagons

autocut



**MACHINE
OF THE YEAR 2010**

**agrarfuchs
2010**



97+287.02.0411


PÖTTINGER

After 10 successful years of JUMBO high performance silage wagons comes a **WORLD FIRST**



Your benefits

at a glance

Top quality cutting

The forage is always cut precisely and not squashed.

15% less power needed

- Reduces fuel consumption by ~ 5 litres per hour
- Increase in output
- Even better cost-effectiveness

Net saving at Ø 300 hours of use per year is ~ €1,500

Significantly reduced maintenance expenses

- Fully automatic sharpening of the complete blade set in a ~ 4 minute cycle
- Time spent on maintenance is reduced by ~ 45 minutes per day

Net saving at Ø 300 hours of use per year is ~ €1350

Total cost saving:

per year up to
3.000 €*

*If the silage wagon is used Ø for 300 hours per year.



Outstanding ...

Sharp bustle – fully automatic “autocut” blade sharpening device for all JUMBO and TORRO models

- Grinder mounted directly on the silage wagon
- Fully automatic sharpening of the complete blade set
- The sharpening cycle takes about four minutes
- Blades are always kept sharp to ensure best quality cutting
- 15% lower power requirement – reduces fuel consumption
- Significant reduction of maintenance expenses



Sharpens blades directly on the silage wagon

The “autocut” blade sharpener allows for convenient blade sharpening directly on the silage wagon. The sharpening cycle can easily be preselected in accordance with the wear on the knife using the control pad. This considerably reduces maintenance expenses and simultaneously guarantees long lasting optimal cutting quality with lower energy consumption and increased output.

- Removing the blades for sharpening, which formerly took place only once a day, thereby impairing the cutting quality, has now come to an end. Intensive use of over 10 to 20 hours per day inevitably reduces the sharpness of the blades.
- This then increases power demands and fuel consumption up to 15%, in stony areas up to 20%.
- With the new blade sharpening system the sharpness is maintained throughout the entire day – it is simple and fully automatic.
- This equals up to 15% more output and also up to 15% less diesel fuel consumption thanks to “autocut”.



Mode of operation: “fully automatic – maximum sharpness”

1. Pivot the knife bank out.
2. Start grinding procedure on the left hand side of the wagon:
 - The knife bank’s cleaner is pivoted out of the working area of the grinder.
 - The grinding mechanism is pivoted from the parked position into the working position via a pressure control sequence.
 - After the sensors have detected that the mechanism is in the working position the grinding procedure starts on the left hand side of the first blade.
3. The grinder carriage moves back and forth along the blade at a set pressure.
4. The cross-travel carriage is then repositioned for the next blade.
5. After the final grinding procedure on the final blade, return to the working position on the left-hand side.
6. You can now choose whether to start a new grinding procedure or to pivot the knife bank back in again.

The number of sharpening procedures can be freely selected in advance.



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