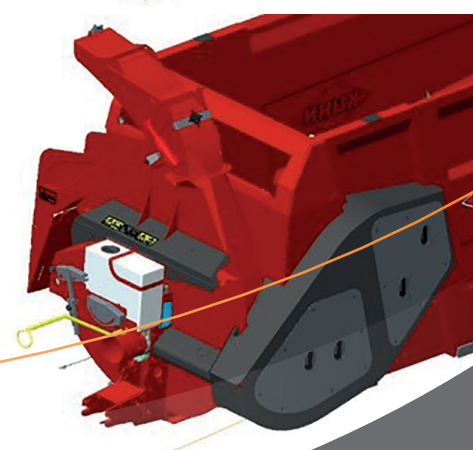
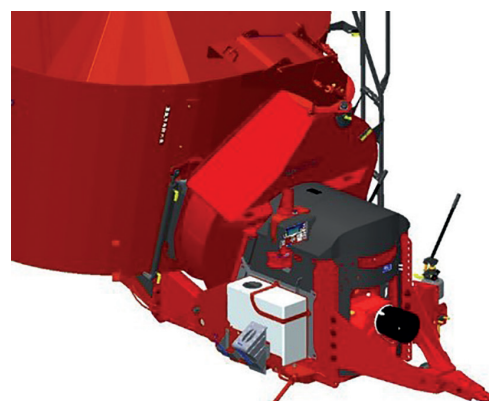


Turbine machines

CLEANSTRAW - Dust Control System



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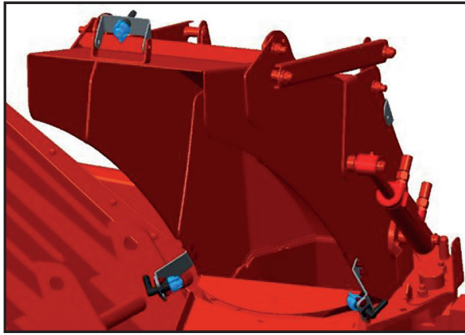


The CLEANSTRAW system is available on all Kuhn turbine machines (straw blowers, silage cutters + straw blowers and mixers with straw-blowing function). **It uses added water to minimise suspended dust in buildings during straw blowing.**

The dust remains airborne for a much shorter time (< 30 seconds). The powder particles that cause dust are sprayed with water by 3 nozzles at the chute outlet.

Very little water is added, in order to maintain the straw quality, in particular its absorbent properties.

The CLEANSTRAW system can be retrofitted on existing machines.



Identical performance when blowing straw

- **3 nozzles mounted around the chute** to spray all the straw without compromising the throughput.
- Extra low water flow (1.8 l/min) to weigh down the suspended particles without altering the straw quality.
- **64 l tank to handle 12 to 18 straw bales.**
- Transparent tank to easily check water level at a glance.
- A thumbwheel to adjust the water flow and control dust.



Smart system

- **The CLEANSTRAW system turns on automatically with the POLYDRIVE (except for PRIMOR 2060 H/S).** The machine is easy to handle in work mode, while reducing water consumption during transfer phases.
- **The CLEANSTRAW function can be interrupted from the tractor cab** independently at any time (for fodder distribution).
- The tank is equipped with a drain valve for cleaning and maintenance of the system.
- A pressure gauge shows the pressure in the circuit.



The dust remains airborne for a much shorter time

- The quantity of dust particles produced during straw-blowing varies depending on the type and quality of the straw. **CLEANSTRAW reduces the time the dust remains airborne.**
- **The dust settles within 30 seconds after straw-blowing.** Animal and human comfort is improved.

Technical Specifications

CLEANSTRAW Dust Control System

Tank capacity	l	64
Number of nozzles	m	3
Throughput	l/min	1.8
Tank autonomy		12 to 18 straw bales
System start-up		Automatic start-up when the POLYDRIVE is engaged
Power supply		3-pin connector, 12V – 15 amps
Safety system		Suction filter to protect the nozzles and the water pump
Footprint		Remains within the footprint of all machine models
Retrofittable as a customer option		yes

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Information given in this document is only for information purposes and is non-contractual. Our machines are in compliance with regulations in force in the country of delivery. In our literature, and for improved illustration of certain details, some safety devices may not be in operating position. When operating these machines, these devices **must** be in position in accordance with the requirements indicated in the operator's manuals and pre-delivery instructions. RESPECT THE ROAD REGULATIONS IN FORCE AS WELL AS the tractor gross vehicle weight rating, its lift capacity and maximum load per axle and tyres. The tractor front AXLE load must always comply with the regulations of the country of delivery (In Europe, it must reach minimum 20 % of the tractor net weight). We reserve the right to change any designs, specifications or materials listed without further notice. Machines and equipment in this document can be covered by at least one patent and/or registered design. Trademarks cited in this document may be registered in one or several countries.

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