

Strohmatic and Strohmatic Air



A revolution in littering to process and distribute straw in barn stables

Littering horse stalls automatically and almost without any dust

For horse husbandry, straw and wood shavings can be automatically piled ready in discharge chutes between two horse stalls. The litter material is removed manually and distributed, but nevertheless 50% of the working time can be saved



For littering in particularly animal-friendly pig husbandry

Strohmatic can also be used to automate littering work in pig farming systems which use straw for litter. In addition, the fresh straw significantly improves the well-being of the pigs and enables them to freely consume raw fibre and root through the litter according to their instincts.



Automatic loading from Spotmix Welfare

For littering of sheep and goat stalls

Strohmatic Air provides an extensive distribution of straw in poultry stables.

- Better stable climate-situation because of good de-dusting of the litter
- Simple and stressless distribution in the stable
- Improved animal healthness and comfort because of better hygiene

SCHAUER[®]
PERFECT FARMING SYSTEMS

Schauer Agrotroニック GmbH,
A-4731 Prambachkirchen, Passauer Str. 1

Tel. +43/72 77/23 26-0*

Fax +43/72 77/23 26-22

Schauer Maschinenfabrik GmbH
Vertriebsgesellschaft

D-94060 Pocking, Gewerbering 19

Tel.: +49/85 31/82 72

Fax: +49/85 31/82 71

Schauer Agrotroニック AG
CH-6247 Schötz, Sentmatte 4

Tel.: +41/41/926/80 00

Fax: +41/41/926 80 01

Schauer, spol. s r.o.
SK-949 01 Nitra, Priemyselna 4

Tel.: +421/37/791 21 01

Fax: +421/37/791 21 03

SCHAUER - AGRA d.o.o.

HR-10370 Dugo Selo, Josipa Zorica 133

Tel.: +385/1/277 55 05

Fax: +385/1/277 55 04

e-mail: office@schauer-agrotronick.com

internet: www.schauer-agrotronick.com

Strohmatic *automatic littering system*



For animal husbandry appropriate
to the animals` requirements



Strohmatic system components



For loosening and shredding straw in quantities according to demand

Strohmatic inspires!

- Strohmatic – the most revolutionary and economical technology since the invention of the manure removal system!
- Almost dust-free
- Adjustable littering rate
- Flexible – no straight littering lines necessary
- Straw savings more than 50% compared with long straw
- Significant savings in building costs by eliminating the need for a straw manipulation room for littering
- Improvement in the working quality during littering
- Improves general economic conditions for straw husbandry systems
- Ideal for briquetting and pelleting systems (also elephant gras)



transfer unit and extraction unifunke

The Strohmatic straw conveyor system consists of the following components:

- Straw bale shredder for large rectangular and round bales
- Straw mill for 2 – 4 cm straw length
- Conveyor system with Control unit at drop points to adjust the amount of straw

The Strohmatic system automatically controls the interplay between the individual system components. The conveyor system can flexibly follow the littering lines in the barn and work around corners. At the same time, the short-cut straw is distributed almost „dust-free“ through up to 90 drop points.



extraction unifunke

Fire prevention safety measures are included in the system

- Bale shredder closed (prevents fire from spreading in case of fire)
- Water sprinkler in the bale shredder which switches on in the event of a fire
- Stone collecting trough
- Thermostat in front of the straw mill
- Permanent load monitoring of the straw mill
- Suction and blowing pipe made of galvanized steel (prevents fire from spreading in case of fire)
- Spark detection



spark detection

Strohmatic distribution system

Saves more than 50% of straw and working time
In spite of using straw, a slurry system is possible!



Automatic straw distribution throughout the barn

Straw preparation for automatic cattle feeding

- 300 – 400 kg / hour pressed straw is automatically loosed up, chopped and distributed to required drop points in the barn
- Max. conveying distance approx. 200 m
- Max. number of discharge openings approx. 90, drop points which can be supplied at the same time



Requirements and expectations:

- Max. 14% humidity straw
- Short cut, straw length max. 35 cm
- Also suitable for elephant grass
- Depending on the structure of the straw and its use in cattle or pig pens or horse stables, straw savings of 33 – 66% can be expected.

Straw preparation for automatic cattle feeding

The perfect addition to littering for cattle farms is the possibility of preparing straw for cattle feeding robots. This means that the ideal crude fibre content can always be provided in the ration. This particularly promotes the health of the animals.



Strohmatic multiple distributor

For cubicles and wider distribution of straw in deep litter on a sloped floor. Especially in larger barns, the straw can be distributed to up to 4 distribution positions per drop point in the conveying pipe because of the multiple distribution. This considerably increases the capacity and efficiency of the Strohmatic system.

