

Ihr Spezialist für Futter-Aufbereitungs-Systeme
Ваш специалист по системам приготовления кормов

Your specialist for feed - processing systems



Straw Systems



Reasons to use straw

Straw is an agricultural raw material that is available every year as a by-product and is almost inexhaustible. Straw like bedding keeps your animals dry and healthy. It improves the well-being of your animals, for the simple reason that milled straw in the barn has a high absorption capacity and it doesn't only eliminate moisture but also bad odors. Milled straw reduces the overall costs of the bedding drastically by using only a third of the usually needed quantity. Furthermore it can be used for feeding to increase the amount of fibre in the feed or even as fuel for heating systems.





The reason for HIMEL

Himel delivers a full range of technical equipments to help you get the most out of your operation, from the simple mixer to the automated feed mill. Himel is your ideal partner for decades thanks to the following services: High efficiency, convincing profitability, high safety of use, extremely robust construction and possibility of extension with useful accessories.



Straw mill STM et STZ



The powerful straw mill, available either with electric motor or PTO drive, is particularly suitable for larger farms. The straw mill extracts the crushed material from the ground and converts it into chaff in a large milling space. Depending on the screening capacity and sieve size, it is possible to achieve a throughput of up to 2.5 t / h. High quality knives have a long durability and can be easily replaced if ever necessary.

Straw mill STZ



Is powered with 540rpm by a PTO. The motor transmits the force to the 54-blade turbine. The STZ is equipped as standard with a three-point hitch.

Screens, 7-90mm



Depending on the screen used, the HI-MEL straw mills are able to mill from 7-90mm. The screens are also available in stainless steel or with personalized hole geometry.

Straw mill STM



Is powered directly by an electric motor with either 15kW or 22kW. The straw is sucked through the pre-cutting unit and cut by 6 blades and 8 counter blades.

Straw mill STMi



Is for large quantities of straw or industrial usage. An extremely sturdy construction with an 8mm thick case and an additional wear plate make this mill particularly durable. The drive is powered by an E-motor either with 22kW, 30kW or 37kW.



Stationary bale chopper

The stationary bale chopper chops both, round and square bales. The bales can be distributed into one or two straw mills, depending on the chopper you choose. Using the stationary straw milling unit can save a lot of manual handling all done in one compact machine, retaining the good quality of the straw.



The bale chopper

Chops the bale with a cutting rotor . Two chain scrapers drive the ball in rotation and ensure uniform removal of the material.



Conveyor table

The stationary bale chopper can be extended with a 2,9m or 5,8m electrical conveyor table. It can be operated either by pressing a button on the table or with a remote control.



Strainer basket

On demand, the stationary bale chopper could be equipped with a colander, which gives the shredded straw a predefined length.



Mobile bale chopper RSM

As an agricultural coupling device for clean and comfortable hay and straw distribution from the driver's seat. Suitable for round and square bales. The entire bale will be milled and distributed by the discharge chute or ejection elbow. This makes it ideal for the distribution inside the stable.



The RSM

Is available as trailed kit or with a 3-point-hitch. Adjustable chain scraping systems allow a very accurate distribution of straw. The cutting is performed by a blade disc.



The RSM turbo

Comes with two blade-mounted rollers and an impeller. It is equipped with adjustable speeds of 270rpm or 540rpm as standard and is therefore perfect for the distribution of straw.



Equipment

The equipment can be adjusted to meet your requirements. For example with an additional discharge chute or an ejection elbow in the direction of the distribution.



The biomass pelletizing



The HIMEL pelletizing system is designed for renewable raw materials from agriculture and forestry products. HIMEL pelletizing systems allow the processing of every kind of dry straw, such as for example cereal straw, rapeseed straw and other straw. All necessary production steps from chopping the bale over grinding, conditioning and pelleting, up to weighing are integrated in the system. All installations are carried out by us. We supply stationary and mobile systems ready to plug in!

Mobile pelletizing, 1t/h



The mobile pelletizing system can produce pellets from unused agricultural by-products. The entire system is integrated in a semi-trailer truck and granulation takes place directly on site. This saves high transportation costs.

Stationary pelletizing, 1t/h



The granulation equipment are of course expandable. with a wood chipper or grinding and mixing systems, you can also produce wood or pellets. We provide you with the best solution.

Further fields of application



HIMEL Pelletieranlagen sind jederzeit erweiterbar. Mit einem Holzerkleinerer oder einer Mahl- & Mischanlage, können Sie auch Holz- bzw. Futterpellets produzieren. Wir liefern Ihnen die perfekte Lösung!



www.himel.de



It is not just the years we are proud of...



GRINDING & MIXING SYSTEMS • GRAIN SYSTEMS • STORAGE SYSTEMS • STRAW SYSTEMS • FODDER MIXING VEHICLES • STABLE TECHNOLOGY



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