



SEPARATOR

A **BAUER Group** company

Press Release

Marktschorgast/Hanover, November 2018
Hall 27, Booth C42

EuroTier 2018:

FAN presents the BRU 400

Now even small farms can create bedding from slurry

FAN Separator GmbH has scaled down the successful BRU concept (Bedding Recovery Unit), which produces bedding from undigested raw fiber in the slurry, for small operations with between 200 and 400 head of dairy cattle. FAN, a subsidiary of the Austrian Bauer Group, has made it possible for even smaller farms to establish a cycle of material that lowers costs and contributes to optimal milk output.

Located in Marktschorgast, Bavaria, FAN Separator GmbH specifically addresses small farms with the compact variant of its BRU system, which has proven itself in practical use around the world since 2005. Instead of 2,000 cows, the BRU 400 supplies between 200 and 400 animals with bedding, making it correspondingly more convenient to operate and maintain. While other bedding materials, such as straw or wood chips, can be expensive in various phases, the BRU recycling concept makes farmers practically independent of external material sources. Storage and disposal costs are considerably reduced. The BRU is therefore the environmentally friendly and economical alternative to conventional bedding material.

In addition, the BRU 400 produces daily up to 10m³* fresh and hygienically safe bedding material: In a process that takes about 20 hours*, the material first passes through the upstream separator PSS 3.2-520, which yields in a dry matter content of 36 percent*. Then the mass is transferred to a stainless steel drum, where a rapid exothermic decomposition process takes place. During this process, the contents of the drum reach a temperature of up to 65°C. This effectively kills all pathogens that cause mastitis in dairy cows.

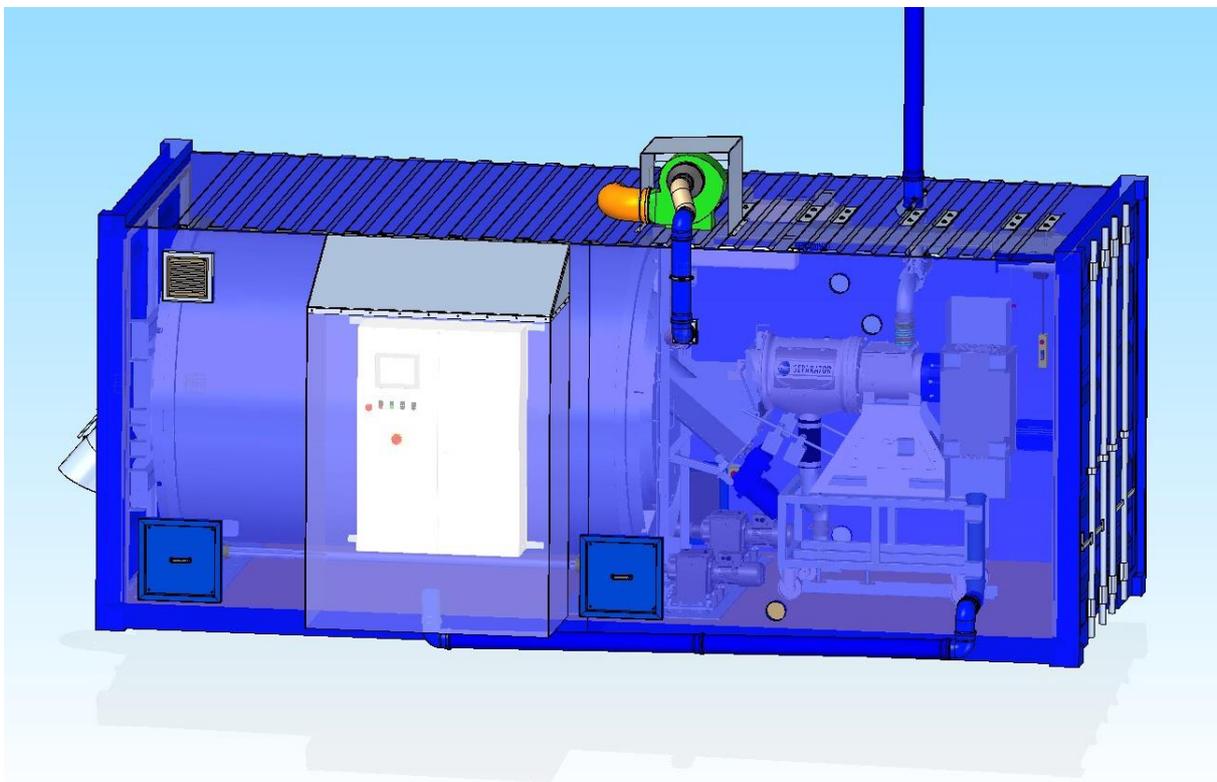
After the bedding material has been processed in the BRU, the dry matter content is about 40 percent*.

“Because we at FAN believe that small-scale agricultural enterprises in Europe will play a major role in the future, we designed the BRU 400,” explains Product Manager Thomas Kampl. “Despite the compact design, the system offers all the advantages of the BRU concept: daily fresh, hygienically safe bedding that improves the well-being of the animals and also makes sense from environmental and economic perspectives,” says Kampl, summarizing the benefits of the BRU 400.

The 9,000 kg plant is delivered in a 20ft sea container. As a foundation, the Bedding Recovery Unit 400 requires a frost-resistant, 25 cm thick concrete slab with appropriate reinforcement. FAN recommends installation in a hall.

Further information about the exhibits you will receive directly at EuroTier, the world leading show for livestock farming from the 13th to the 16th of November 2018 in **Hall 27, booth C42, Hanover Fairgrounds** or online in the **Bauer Group newsroom** under <http://www.melzer-pr.com/de/newsroom/nach-kunden/bauer-group>.

*dependent on the amount, dry matter content, viscosity, temperature, age of the raw material etc.



The Bauer Group at a Glance

Since its foundation in 1930, the BAUER Group - headquarters in Voitsberg, Styria, has been focused on irrigation and slurry management technology. Whilst initially producing wastewater and slurry pumps, the company first became an international player in the sector of irrigation technology in 1947 with the patent-protected Bauer lever lock coupling - named after Rudolf Bauer, the company founder. Today the company is developing rapidly in the biotechnology sector with wastewater treatment & biogas plants and it is focusing on three main sectors: irrigation management, waste water management as well as energy management.

BAUER is the Global market leader in irrigation technology: A total of more than 2.5 million hectares is globally irrigated. A major part of sales representing 50% of the total turnover is achieved in the sectors of slurry and environmental waste processing. The BAUER Group exports to about 100 countries of the world. With approx. 675 employees, Bauer generated consolidated net proceeds of about 98.7 million Euros in the financial year 2016/17. With an export ratio of 90%, the main markets of the BAUER Group are Germany, France, the CEE countries, China, the USA, Australia and South America. In October 2016 a new plant in Brazil was put into operation.

The BAUER Group currently consists of 17 companies worldwide, including the well-known German labels BSA, Eckart, FAN and SGT.

Product Range

- Various irrigation systems
 - Automated pivot and linear systems, i.e.: Centerstar, Centerliner, Linestar
 - Irrigation machines, i.e.: Rainstar, A3 or ProRain
 - Traditional irrigation, i.e.: pipe systems and solid-set plants
 - SmartRain – App for managing and optimizing irrigation systems
- Slurry transportation (slurry tanks)
- Innovative slurry treatment: mixers, pumps, separators, composting and distribution
- Pipes and fittings
- Wastewater treatment and separation technology for the food and paper industry
- Components for Biogas plants
- BRU Bedding Recovery Unit

Internet Services

- Configuration of all machines
- Ordering of all spare parts

For further information see: www.bauer-at.com/en/ and www.fan-separator.de

Download area:

Press texts and fotos in print quality are available for download under <http://www.melzer-pr.com/de/newsroom/nach-kunden/bauer-group> (reprint free of charge, photo credit: Bauer Group).

Press Contact:

Press Office of Bauer Group, c/o Melzer PR Group, 1010 Vienna, phone: +43-1-526 89 08-0,
E-Mail: office@melzer-pr.com, Web: www.melzer-pr.com