



SEPARATOR

A **BAUER Group** company

Press release

Voitsberg/Marktschorgast/Hannover, November 2013

AGRITECHNICA 2013:

New from FAN: small Separator SOLIDRY

Ideal for slurry management of small and medium businesses

The small separator manufactured by FAN, a company of the Bauer group Voitsberg, has a simple construction, is available for reasonable price and has a very compact size. The system measures only 1,3 m x 0,7 m and has a height of 1 m. Nevertheless, the 420 kg machine separates up to 15 m³ of substrate in an hour. Farm fertilizer with dry matter content between 1 to 10 % can be separated into its liquid and solid fraction.

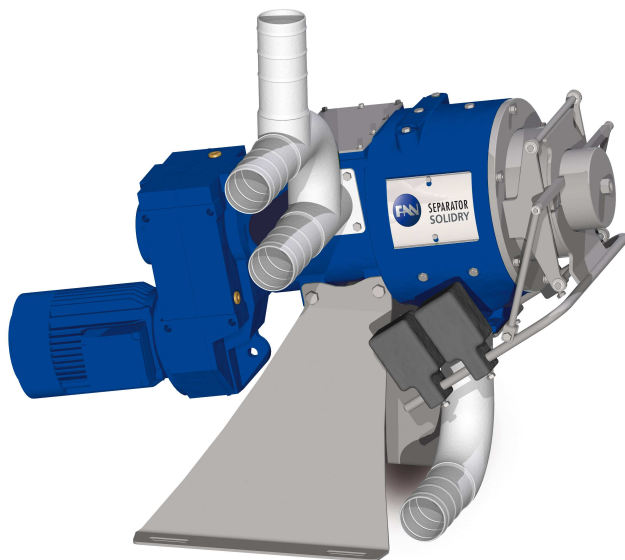
Core element of the system is the angular positioned auger, which is enclosed by the screen (360°). The substrate is filled into the cast iron housing from the side and then pressed to the front by the auger. The liquid fraction is pressed through the screen and can be discharged easily due to the ideal shape of the machine. The solid fraction is moved to the press flange and pressed until it reaches a dry matter content of 20 until 28 %.

The engine (a 3,0 kW electric motor including the gear box) is positioned at the end of the machine and lets the auger rotate with 19 rpm. This concept ensures an energy efficient separation of farm fertilizer. The advantages of separation are obvious: The storage volume of the waste/slurry can be reduced and is suitable for composting. The liquid fraction is more homogeneous and dispersal is easier. Slurry storage no longer has to be regularly mixed before dispersal.

The Solidry is suitable in order to conserve high nutrition content in the solid fraction of the slurry. Furthermore, the volume can be reduced considerably (up to 30 % of the volume are being separated as solid fraction).

For the time being you can choose screen slot sizes from 0,25 bis 1,00 mm. The dry matter content of the solid fraction can be regulated by the patent output regulator valve at the press flange.

Visit us at Agritechnica from November 10th to 16th **hall 16 (slurry) – booth C 17!**



Legend: FAN Separator SOLIDRY

Downloadarea for press releases and photos:

<http://www.melzer-pr.com/newsroom.htm> -> on the right-hand side „Bauer Group“

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 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 more than 90 countries of the world. With approx. 530 employees, Bauer made a turnover of about 167 million Euros in 2011/2012. With an export ratio of 90%, the main markets of the BAUER Group are Germany, France, the CEE countries, China, the USA, South-America and Australia.

The BAUER Group currently consists of 17 companies worldwide.

Product Range

- *Various irrigation systems*
 - *Automated pivot and linear systems, i.e.: Centerstar, Centerliner, Linestar*
 - *Irrigation machines, i.e.: Rainstar, Duostar, Rainboy or ProRain*
 - *Traditional irrigation, i.e.: pipe systems and solid-set plants*
- *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 and www.fan-separator.de

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