



Press Release

Voitsberg/Hannover, November 2018

EuroTier 2018:

BAUER self-drive technology: SGT for every job the right size

The PT 16000 for the Claas Xerion Saddle Trac convinces with flexibility in slurry spreading.

Minimizing impact on the ground from slurry spreading operations poses a major challenge to farmers once the vehicle exceeds certain dimensions. The German slurry technology specialist SGT, a company of the Austrian Bauer Group, now offers a solution: The 16.000 liter self-propelled PT 16000 allows to spread slurry, due to optimal weight distribution and tires, even on difficult soils without destroying them. Furthermore, the tanker can be flexibly extended in volume and working width by means of an attachment or an additional tanker. With a special pump, it is possible to fill the tank within 90 seconds.

With a volume of 16.000 litres and a length of 11, 5 meters including the disc harrow, the SGT PT 16000 is one of the most compact machines of its class. Thanks to optimal weight distribution in the ratio of 50:50 and the tires of 900/60 R42, the self-propelled slurry tanker also performs its work very gently.

Due to the longitudinal and transverse surge plates on the inside of the tanker, the soil conserving properties are further improved: The special architecture ensures stability of the vehicle, even when emptying the tanker.

The company Eckart, in lower Bavaria, a subsidiary of the Bauer group, is responsible for the manual production of the 160-hectolitre tanks and can rely on many years of experience in the field of glass fibre reinforced plastic.

Flexible and multi-functional – also in the silo

The 21-meter wide attachment is one of the powers of the self-propelled tanker SGT PT 16000. Furthermore, an additional slurry tanker can be attached to the vehicle of the Bauer Group by means of the K80 ball-and-socket coupling. This allows the PT 16000 to be expanded flexibly in terms of both volume and working width.

Due to its large tires, the self-propelled vehicle not only causes enthusiasm on the field, but also as roll master in the silo – here it reliably compacts silage. In less than two hours, the slurry technology can be disassembled, and the vehicle is ready for such operations.

Logistics- the key to success

In addition to the cabin, which gives the driver a great overview of what is happening, the front unit of the SGT has a powerful, 8-meter-long suction arm. This is rotatable by 160 degrees and has multiple joints, which also offers versatility in terms of filling. The filling can be done under the most difficult conditions. Long travel times to the filling location or folding and unfolding times of the attachment are thus prevented. This minimizes the vacancy rate and exhausts the times of usage.

Filled in 90 seconds

Speaking of filling: In the standard version, the tanker has a 9000l/min rotary lobe pump from Vogelsang. With the optional 12.000-l/min- rotary lobe pump, the tanker can be filled within 1, 5 minutes.

Further information on our exhibits you will get directly at the EuroTier, the world's leading fair for animal husbandry, from the 13th to the 16th of November 2018 in hall 27, booth C42, fairground Hanover or online, in the **Newsroom of the Bauer Group** under <http://www.melzer-pr.com/de/newsroom/nach-kunden/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 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:

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