

Press release

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BAUER self-propelled technology: Flexible, soil-friendly and powerful

The PT 16000 for the Claas Xerion Saddle Trac impresses with its flexibility in slurry spreading

Spreading slurry in difficult conditions is always a challenge for farmers and contractors. This is especially the case when fertilizing with large vehicles. The Austrian Bauer Group offers a perfect solution for such scenarios: the 16,000 liter self-propelled PT 16000 can handle even difficult soils without destroying them thanks to optimal weight distribution and tires. In addition, the volume and working width of the self-propelled machine can be flexibly extended using spreading devices or an additional tanker. The tank is filled in 90 seconds using a special pump.

With a capacity of 16,000 liters and a length of 11.5 meters including disc harrow, the PT 16000 is one of the most compact machines in its class. Thanks to an optimal weight distribution in the ratio 50:50 and tires of 900/60 R42, the self-propelled vehicle also does its work in a particularly soil-friendly manner.

The longitudinal and transverse anti-surge baffles inside the polyester tank further improve the properties that protect the soil: the special architecture ensures the stability of the vehicle even when the tank is emptied. The Lower Bavarian company ECKART Maschinenbau is responsible for the hand produced 160 hectoliter tank. ECKART, a subsidiary of the Bauer Group, can rely on its many years of experience in the field of GRP (glass fiber reinforced plastic) technology.

Flexible and multifunctional

The PT 16000 shows its strengths as a self-propelled machine with a spreading device that is up to 21 meters wide. In addition, an additional slurry tanker can be attached to the Bauer Group vehicle using the K80 ball head coupling. This allows the PT 16000 to be flexibly extended in terms of volume and working width.

With its large tyres, the slurry self-propelled machine not only impresses in the field, but also, for example, does an excellent job on the silage clamp - here it reliably compacts silage. The spreading device can be removed in less than two hours 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 has a powerful, 8 meter long suction arm. This can be rotated 160 degrees and also has multiple joints, which ensures utmost versatility even when filling the tanker under difficult conditions. Long travel times to the filling location or folding and unfolding the spreading device are thus avoided. This minimizes down time and maximizes efficiency.

Filled in 90 seconds

The standard version of the tanker is equipped with a 9,000 l/min rotary piston pump from Vogelsang. With the optional 12,000 l/min pump, the tanker can be filled within 1.5 minutes.



PT 16000 by Bauer



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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 are irrigated globally. 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. 650 employees, Bauer generated consolidated net proceeds of about 145 million Euros in the financial year 2020/21. 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 16 companies worldwide, including the well-known German labels BSA, Eckart, and FAN.

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
 - Digital control solutions for a smart irrigation and slurry management (Signo 4.0, SmartRain, SmartTouch)
- 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
- Bauer self propelled technology

Internet Services

- Configuration of all machines
- Ordering of all spare parts

For further information see: www.bauer-at.com