

Press Information
December 2019

Bauer's new portable Plug & Play S300 system provides slurry separation benefits in more than one location

A new portable version of Bauer's smallest slurry separator enables farms with more than one storage area to benefit from improved slurry management at lower cost – or for two or more small farms to share a single unit.

Being exhibited at the LAMMA show in January for the first time, the Plug & Play S300 mounts a pump, the Bauer S300 screw-type separator and an automatic control panel on to a compact steel frame.

Slots in three sides of the frame enable the separation set to be moved, loaded on to a trailer and placed in position using pallet tines on a farm loader.

Once set-up, the Plug & Play S300 is capable of separating up to 15cu m of slurry an hour into liquid and solid fractions, with a dry matter content of the solids at about 33%.

"Separation in this way can have a significant impact on the management of slurry as a resource. The liquid fraction can be applied from a lagoo or spread separately to grazing or control as required."

Slurry in-flow to the S300 separator is controlled to ensure consistent results and, as with all Bauer separators, discharge doors provide resistance to choice of long-life screens.

It is a well-proven unit built to the same standards as the separators in the Bauer range – the 7.5kW S855 GB – all of which are available as a slurry store or as part of a portable separator.

Regarding the Plug & Play S300 into the future of separation technology, said: "By expanding our standard solutions to meet the needs of small farms with the opportunity to profit from slurry separation."



Bauer_Plug_Play-S300

The new Bauer Plug & Play S300 provides a portable solution for separating slurry into liquid and solid fractions in more than one location.

The BAUER Group at a glance

The BAUER Group – headquarters in Voitsberg, Austria – consists of 17 companies worldwide and exports more than 90% of production to 90-plus countries. BAUER Group's annual turnover reached 98.7 million Euros in 2016/2017 with 50% generated in the slurry and environment sectors. BAUER Group is focused on irrigation management, waste management and energy management and is the global leader in irrigation technology: A total of more than 2.5 million hectares are irrigated by Bauer systems.

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| Muck & Slurry

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Slots in three sides of the frame

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Once set-up, the Plug & Play S300 is capable of separating up to 15cu m of slurry an hour into liquid and solid fractions, with dry matter content of the solids at about 32%.

"Separation in this way can have a significant impact on storage capacity requirements and management of slurry as a resource," said Adrian Tindal, Bauer UK & Ireland. "The liquid fraction can be applied from a lagoon through a dirty water irrigator and the solids stored and

spread separately to grazing or conservation grass, or to crop stubbles as and when required."

Slurry in-flow to the S300 separator is regulated by an automatic pressure control system to ensure consistent results and, as with all Bauer slurry separators, adjustable weighted discharge doors provide resistance to help the stainless steel screw squeeze liquid through a choice of long-life screens.

It is a well-proven unit built to the same high standards of quality and durability as the larger separators in the Bauer range – the 5.5kW S655 and S655, the 7.5kW S855 HD, and the 7.5kW

S855 GB – all of which are available individually for gantry installation alongside the slurry store or as part of a portable Plug & Play set.

Regarding the Plug & Play S300 introduction, Thomas Kampl, product manager for Bauer separation technology, said: "By expanding the 'Plug & Play' family, we continue to adapt our standard solutions to meet the needs of livestock farms and, in this instance, provide smaller farms with the opportunity to profit from the economic and practical advantages of separation."

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SAMSON AGRO A/S launches new injector for placing slurry in row crops

SAMSON AGRO A/S in Viborg will be adding a completely new type of injector to its implement range for the coming season – "SAMSON Strip-Till". SAMSON Strip-Till is designed for the easy and efficient placing of slurry in row crops.

Reduce starter fertilizer with SAMSON Strip-Till. The new SAMSON Strip-Till

now makes it possible not only to reduce the amount of mineral starter fertilizer, but also to have an efficient tool that complies with new phosphorus rules and maintains a high yield.

SAMSON Strip-Till consists of several operations in one injector, which makes the task of placing the slurry extremely precise. Strip-Till is equipped with an integrated disc on a "soil to soil" front drum, cleaning wheel and a unique parabolic disc stand, which lifts up the soil and creates a V-shaped opening in the soil where the specially developed slurry nozzles place the slurry in two lines at a depth of 20-30 cm. The disc then closes the soil surface again.

The precise placing of slurry makes a perfect seed bed for e.g. corn with less weeds.

"With the new SAMSON Strip-Till, we can now offer professional users an injector that ensures high capacity while maintaining high yields without mineral starter fertilizer", says Niels Haubjerg, Product Manager for Slurry Technology at SAMSON AGRO.

New phosphorus rules have led to a growing interest in being able to reduce the amount of





mineral starter fertilizers for corn, for example.


Flexible injector SAMSON Strip-Till can be used in varying ground conditions e.g. ploughed soil, stubble field. The placing of slurry is always precise.

SAMSON Strip-Till has several different setting options. The parallelogram hitch ensures precise depth control for each row, among others. This means the slurry is always placed at the preset height, the specially developed slurry nozzles can be adjusted easily and the placing of slurry lines can be adapted.



SAMSON AGRO is launching the new SAMSON Strip-Till for the coming season and it can be purchased from SAMSON dealers for delivery in the autumn. Photo 1 The new SAMSON Strip-Till. Photo 2


Specially developed nozzles with integrated slurry hoses place the slurry precisely behind the tooth. The nozzles can be adjusted easily and the placing of slurry lines can be adapted.



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Farming

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Separation pump 500 (5000)

Separation pump 600 (6000)

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Separation pump 10000 (100000)

Contact your local BAUER dealer or Adrian Tindall, Sales Manager, UK & Ireland, 01753 519557, a.tindall@bauer.co.uk, www.bauer-uk.com

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