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**Photo** Foto**:** *Attenhauser* Florian

**Date** Datum**:** Dez-20

**Location** Ort**:** *Pfatter*

**Editor** Autor**:** *Attenhauser Florian*

**When it should turn green: Modern green waste recycling at Hahn Kompost near Regensburg**

**For Wolfgang Hahn everything is about green. The entrepreneur from Pfatter near Regensburg has made a name for himself in the region with his company "Hahn Kompost". Recycling is a way of life here: tons of wood, green waste and other recycling materials arrive here daily, are sorted, shredded, processed or composted and often end up back in the farmer's field or in the garden bed of the end consumer. An almost infinite cycle, it seems. The Hahn employees ensure that this cycle also runs continuously with the help of impressive machinery. This includes three SENNEBOGEN machines, from the small 355 E telehandler to the 825 E material handler.**

"From nature - back to nature" is how founder and owner Wolfgang Hahn describes the recycling concept of his company, founded in 1993 in Pfatter near Regensburg. As a compost and waste management company, the company is in the middle of a functioning cycle. The material, which is delivered daily, ranges from green waste cuttings from the surrounding communities and towns, construction and demolition wood as well as damaged wood from forestry, to wood from the Danube and Isar rivers. That is taken by Hahn on behalf of the river maintenance authorities at the hydroelectric power plants and further utilized.

Almost everything then ends up in the shredder or crusher to prepare it for further processing. This is where the SENNEBOGEN material handlers are used. While the SENNEBOGEN 821 E is mainly responsible for feeding the Doppstadt shredder with waste wood, the 825 E is responsible for feeding the shaft shredder. In the midst of meter-high heaps of material, the machine with its 13 m equipment and orange peel grab constantly shovels green waste, branches and root wood onto the shredder. Thanks to the 2.70 m elevating Maxcab cab, the driver not only has a constant view of the work area around him, but can also conveniently monitor the fill levels of the shredders. The screened material is later transported tob e composted. Here the new SENNEBOGEN telehandler 355 E is used. Equipped with a 3.0 m³ loading shovel, the newcomer has quickly established itself as a flexible all-rounder. No matter whether for material transport, feeding the drum screen or loading onto trucks, the 355 E competes with even the large wheel loaders thanks to its elevating cab and unique eye level of 4.25 m. SENNEBOGEN Vertriebs GmbH, based in Straubing, Germany, takes care of regular service and spare parts supply and is quickly on site if necessary.

Wolfgang Hahn explains: "We have fortunately been able to record great growth in recent months. A continuing construction and modernisation trend, the increased occurrence of damaged wood from the bark beetle and, last but not least, domestic gardening during the Corona summer have steadily increased our capacity utilisation. So investing in new machines, such as the 355 E, is a perfect fit".

Especially the new telescopic loader with a lifting height of up to 8.5 m and a maximum load capacity of up to 5.5 t once again puts the special features of SENNEBOGEN machines in the foreground. Because the 355 E is more than just a classic telescopic loader. Thanks to the wheel loader genes including Z-kinematics, a particularly robust steel construction and the design of all components for demanding continuous operation, the smallest representative of the SENNEBOGEN product portfolio is in no way inferior to the larger machines in terms of reliability, service friendliness and comfort.

Every year Hahn produces, transports and processes around 150,000 m³ of wood chips, 20,000 t of waste wood and also 15,000 t of grate and boiler ash. The latter is produced during the thermal utilization of the wood waste and can be added to the compost as fertilizer to improve the material. "We are thus closing the cycle," says Wolfgang Hahn. Regardless of whether it's compost, bark mulch or plant soil, in the end almost everything ends up back at the customer.

**Picture captions:**

Green machine in the green: Thanks to its 13 m reach and liftable Maxcab cab, the SENNEBOGEN 825 E can efficiently pile up the compost material and the shredder can be safely fed.

The latest addition to the machinery at Hahn Kompost: the SENNEBOGEN 355 E telescopic loader not only impresses with its comfortable reach and breakaway force, but also with its unique overview from the elevating cab and its wheel loader qualities when loading trucks.