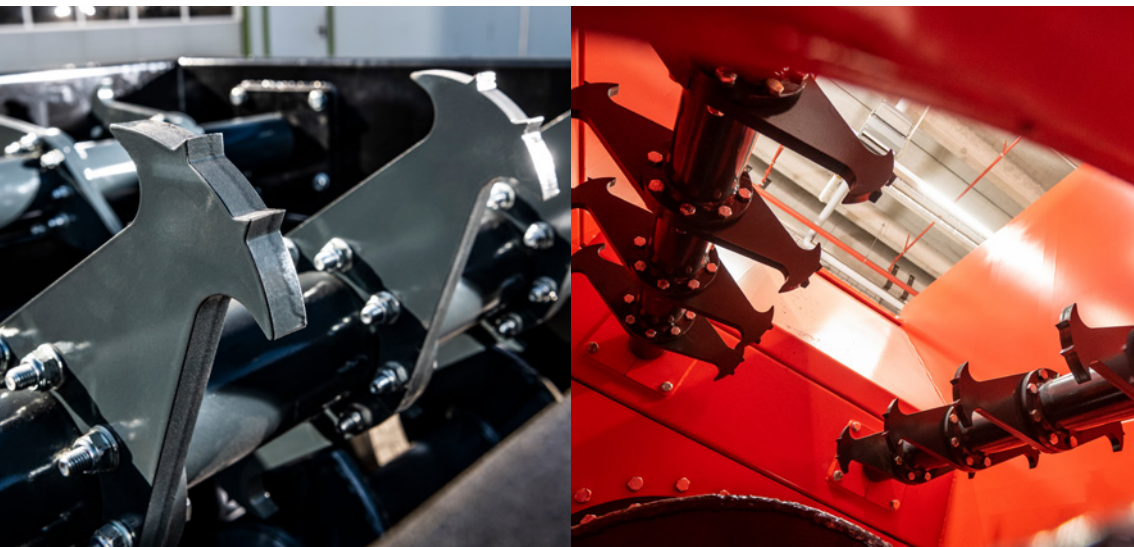


# PRESS RELEASE FROM LUDDEN & MENNEKES ENTSORGUNGS-SYSTEME GMBH

Meppen, May/June 2022



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L&M OPTIMISES ITS SCREW COMPACTOR FOR MAXIMUM COMPRESSION OF CARDBOARD SLEEVES AND WOOD

## STATIONARY COMPACTION AT ITS BEST

**Meppen.** Stationary compactors in the SVS line, so-called Screw Compactors, are used where larger quantities of waste and recyclable raw materials need to be highly compressed before transport. The mechanical engineering company Ludden & Mennekes Entsorgungs-Systeme GmbH has specially optimised two of its standard Screw Compactors for the reduction in volume of cardboard sleeves and wooden pallets (disposable and reusable) and fitted them, among other things, with an updated screw coil compaction system.

The **Screw Compactor for cardboard sleeves** is also fitted with a pre-shredder upstream of the main compactor, which shreds the sleeves beforehand. The optimised Screw Compactor can compress up to 20 cardboard sleeves with a wall thickness of 20 mm and a diameter of 400 mm. Overall, this L&M-Screw Compactor achieves a theoretical total throughput of 60 to 120 m<sup>3</sup> per hour.

For the compaction of disposable and reusable pallets, the engineers at Ludden & Mennekes have thought up a **Screw Compactor for wood**. To reduce the size of the pallets beforehand, an additional crushing machine has been built in upstream of the Screw Compactor. The SVS for wood processes disposable and reusable pallets. When optimally fed, it achieves a filled weight of up to 10 tonnes. This corresponds to approx. 750 pallets in a 30 cbm container, made up of disposable and reusable pallets in a 70 : 30 ratio.

For the specific processing of these two materials, the engineers at L&M technically reworked the geometry of the screw coil and fitted it with additional steel teeth. These highly wear-resistant teeth are E-coated and screwed on so they can be changed as needed without difficulty. The crushing properties of the SVS have also been modified thanks to structural alterations. With its additional reinforcement and direct drive, the coil achieves a force transmission of 90%.

Customer-specific settings such as the type of feed, different weights or materials can be entered using a touch display. There are several programs in place to store these settings.

To diagnose and eliminate any errors, there is also the option of having remote maintenance carried out by trained L&M personnel. This means repairs and site-specific set-up works can be flexibly carried out.

Both plants can be fitted optionally with fully automated container alternation.

**Interested in more information?**

**We are happy to receive your queries. +49 5932 7215-0 - [info@ludden.de](mailto:info@ludden.de)**

### The company Ludden & Mennekes Entsorgungs-Systeme GmbH

L&M is a mechanical engineering company with a specialism in environmental technology, conceiving, constructing and realising high-performance plants for use in the waste disposal industry since 1991. At its three locations in north Germany's Meppen and Dörpen and Emmen in the Netherlands, the well-known expert company now employs more than 180 employees. From planning and construction through manufacture and assembly up to after-sales service, L&M offers its customers comprehensive support across the entire project term.

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