Sutco®
LM GROUP



WINDROW SYSTEM WENDELIN

WE GET THE BEST OUT

SUTCO® WENDELIN

PERFORMANCE, ROBUSTNESS AND DURABILITY

Sutco Wendelin is designed for the efficient treatment of large quantities of organic waste and impresses with its high-performance, continuous process control.

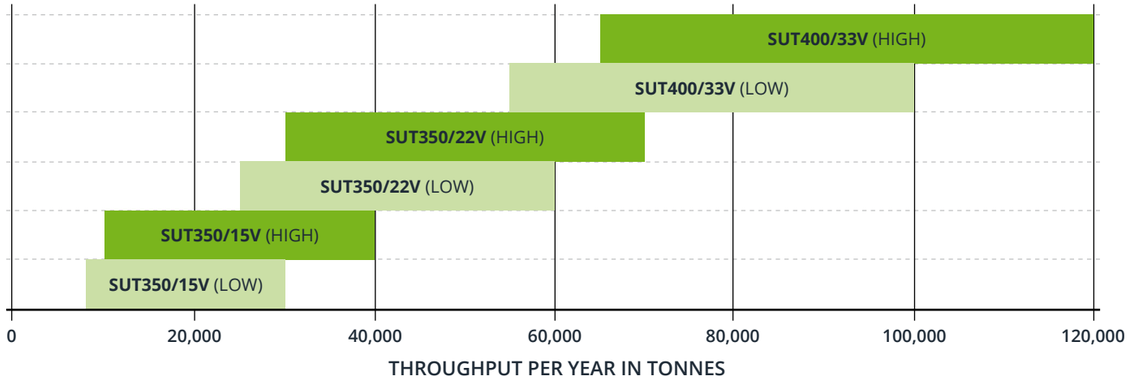
- **Three different sizes**
- **Throughput capacities of 40,000 – 120,000 t/a with a single machine**
- **Mixing capacity of up to 260 m³/h**
- **Fully automated with minimal staffing requirements**

SUITABLE MATERIALS FOR PROCESSING

- **Selectively collected organic and green waste**
- **Organic fractions from mechanical processing**
- **Mixtures of various organic materials**

SERIES OVERVIEW

PERFORMANCE RANGE SUTCO WENDELIN SERIES
>> for low (0.55 t/m³) and higher (0.65 t/m³) bulk densities



>> FLEXIBLE PERFORMANCE RANGE WITH MACHINES IN THREE SIZES (SUT350/15V, SUT350/22V, SUT400/33V)

MACHINE CONSTRUCTION

THE MACHINE ESSENTIALLY CONSISTS OF THE FOLLOWING MAIN COMPONENTS:

- **Crane bridge**
- **Transverse transfer carriage**
- **Bucket wheels**
- **Irrigation system**
- **Control system**

COMPOSTING PROCESS FOR HIGH THROUGHPUT

The fully automated composting process enables the efficient and consistent treatment of organic waste and results in stabilised end products.



AVAILABLE IN TWO VERSIONS:

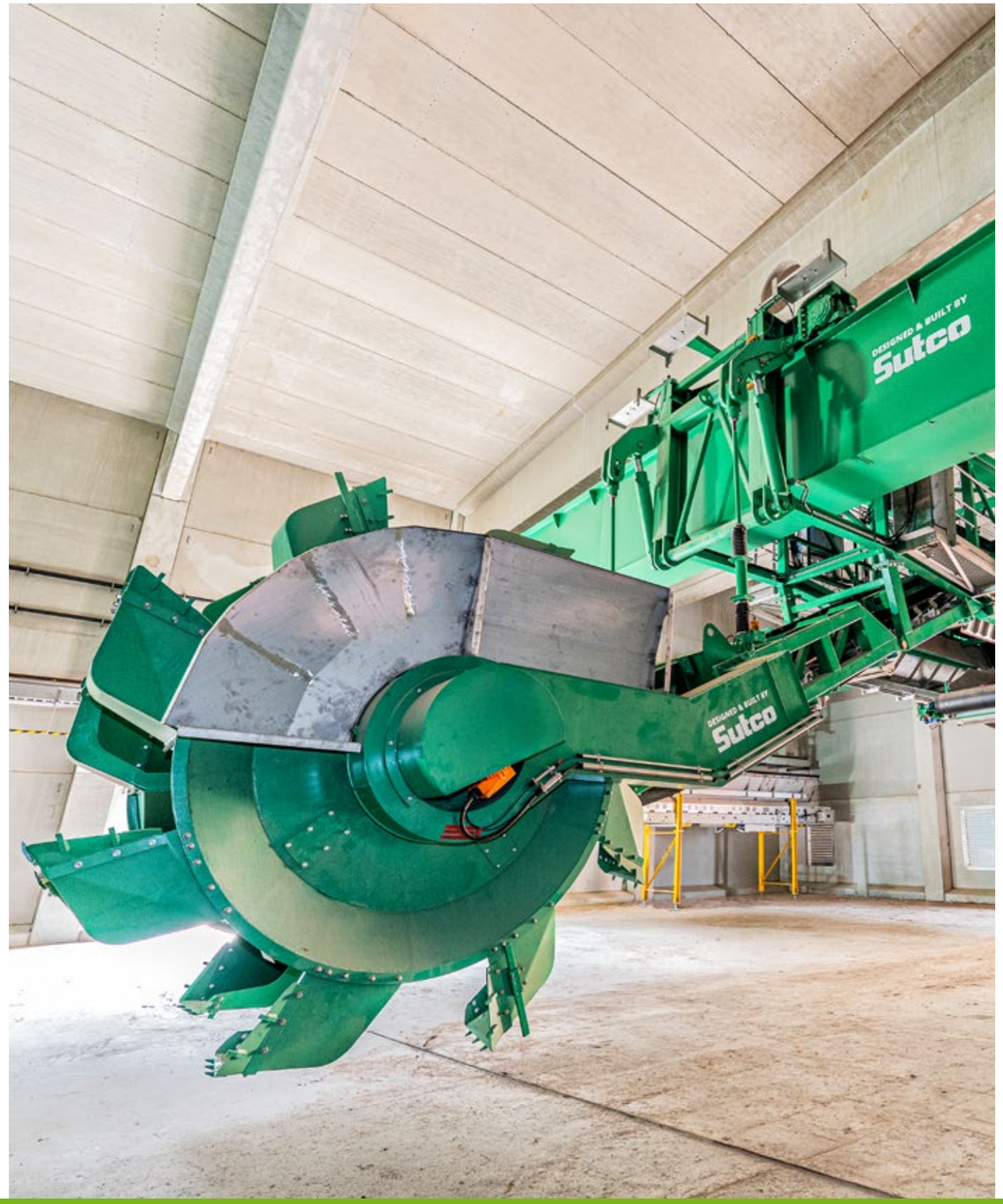
- **Mounted on a crane runway**
- **With gantry chassis on an on-floor rail system**

FEEDING TECHNOLOGY

The primary windrow is built up layer by layer via the feed bridge to a height of 2.0–3.3 m. This ensures a homogeneous and well-aerated input material right from the start.

DISCHARGE TECHNOLOGY

The Sutco Wendelin is also used to discharge the end product. The discharge windrow at the end of the panel windrow is removed by the transfer machine and transferred to the discharge conveyor.



CONTROLLED VENTILATION SYSTEM

The aeration of the composting material can be carried out either in suction or pressure mode.

- **Precise control of air volume and temperature**
- **Separate control of air volumes per composting bed**
- **Adaptation to summer and winter operation**

Active ventilation, combined with regular turning of the composting material, ensures optimal process conditions and a consistently high output quality.

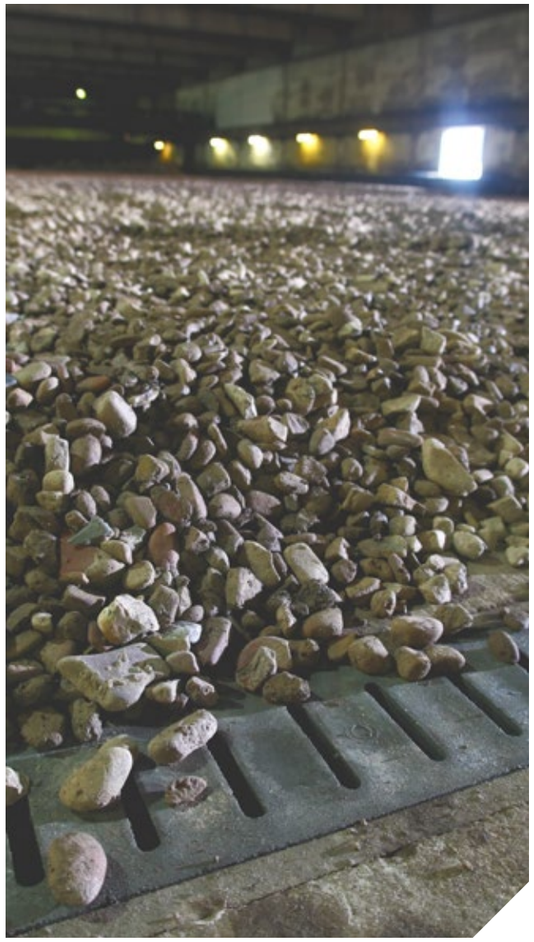
CLOSED-LOOP WATER SYSTEM

The integrated process water system enables sustainable operation.

THIS INCLUDES:

- **Collection of process water**
- **Reuse for material moistening**

This reduces water consumption and ensures optimal process control.





04/2026

YOUR BENEFITS WITH SUTCO® WENDELIN

- Flexible project-specific adaptation thanks to three sizes
- Closed system for maximum emission control
- High throughput of up to 260 m³/h with minimal space requirements
- Low-maintenance and low-wear design
- Fully automated operation – minimal staffing requirements
- High process reliability and consistent output quality



WE GET THE BEST OUT

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