

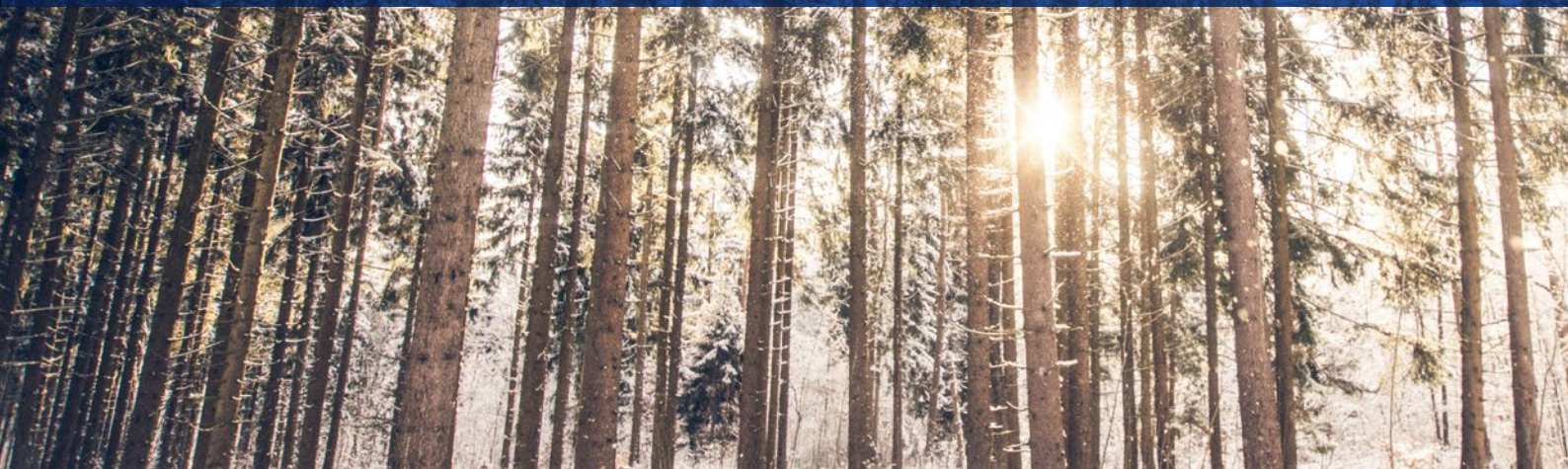
TEKNOSAVO



WoodSmart™

OPTIMIZED PERFORMANCE FOR WOOD PROCESSING

Stable Production • High Quality • Reduced wood loss



MODERN SOLUTION AND COMPREHENSIVE SERVICE IN THE SAME PACKAGE

With the innovative WoodSmart™ system debarking process can be optimized to a new level, which generates a clear competitive advantage and significant savings to the entire wood production process. Instead of individual measurement equipment, Teknosavo can provide a comprehensive service, which includes the whole optimizing solutions with an entire automation solution with its measuring equipment and software as well as maintenance services.

SERVICE AGREEMENT

A solid priced, monthly billed optimization system is an easy solution for customers to streamline their operations and achieve significant savings. Teknosavo guarantees optimization efficiencies throughout the contract period. The agreement includes technology solutions, maintenance, and spare parts as well as customer support around the world. With the agreement, the customer has always the latest technology and the real-time production reports available.

WOODSMART™-SYSTEM

- **Online measurement systems**
Online measurement system enables monitoring and controlling of the debarking process to reach a clean high-quality final product and significantly reduced wood loss.

CHIPSMART 2D AND 3D

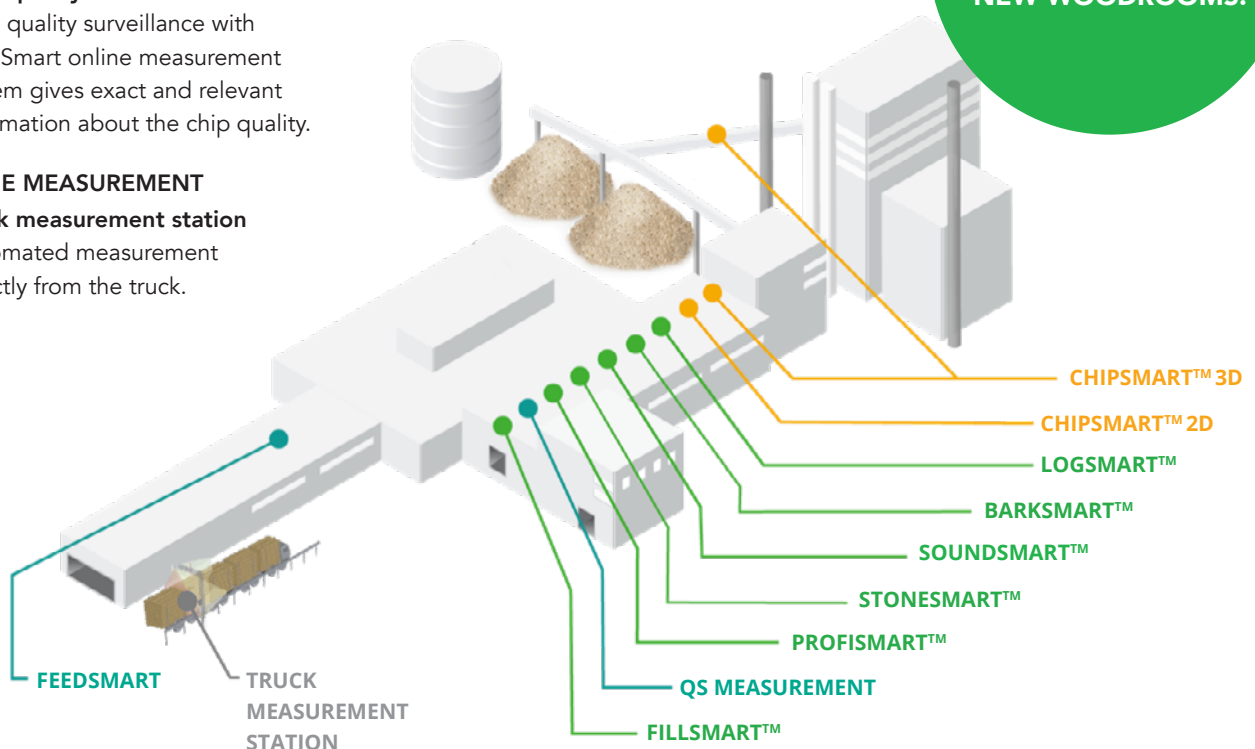
- **Chip quality surveillance**
Chip quality surveillance with ChipSmart online measurement system gives exact and relevant information about the chip quality.

VOLUME MEASUREMENT

- **Truck measurement station**
Automated measurement directly from the truck.

ANNUAL SAVINGS
1,2 M€
(CAPACITY
600 000 T/YEAR)

WOODSMART™
CAN BE INSTALLED
IN ANY EXISTING OR
NEW WOODROOMS.





OPTIMIZED PRODUCTION ENABLES CLEAN AND HIGH-QUALITY PRODUCT.

OPTIMIZATION BENEFITS

Stable production

Debarking control technology allows stable production. With continuous and smoothly working control, emergency or exceptional situations can be mostly avoided and shutdowns can be minimized.

Lower loss of wood

Accurate and optimized wood debarking reduces wood loss, enables a clean and high-quality final product and brings significant savings.

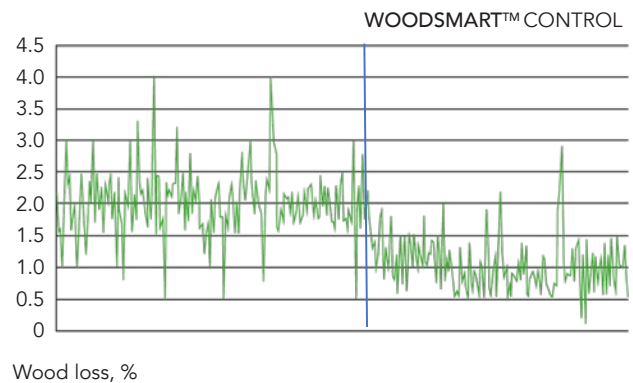
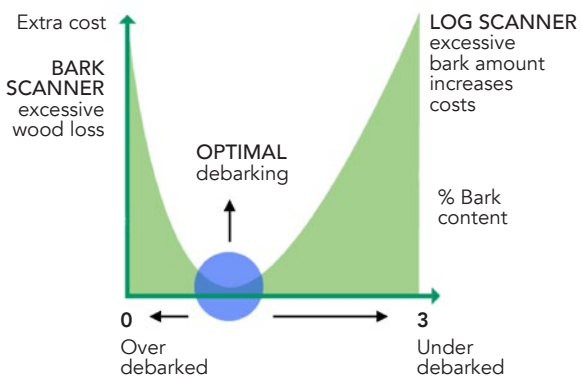
Energy save

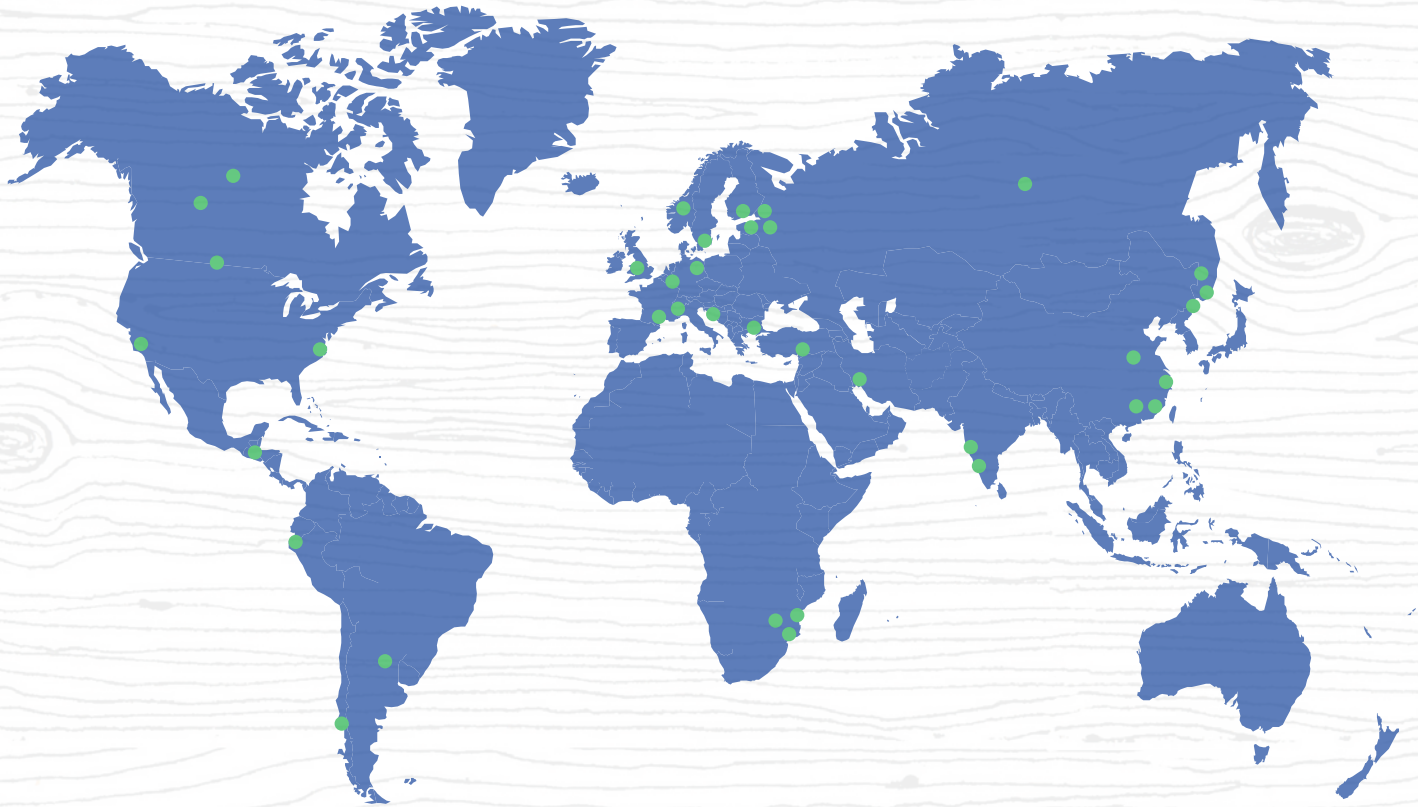
The electric consumption of the debarking process reduces up to 30% as the drum speed can be set lower. Energy savings are also accumulated from the deicing energy when energy consumption is adjusted as needed.

Continuous customer support

Technology support ensures trouble-free operation of the process and prevents production breaks. Spare part service guarantees fast delivery of spare parts.

RESULTS OF OPTIMIZATION





TEKNOSAVO

Teknosavo Oy is a global company established in 1988 and is specialized in wood processing optimizing- and online-measurement systems and engineering. We can optimize the wood processing production from the gate to the digester. With ISO 9001 quality system for our operations, we are able to fulfill our promises to customers.

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ISO 9001



DNV

CERTIFIED FIRM