



SLOOTWEG • BPE Series

Wood Fiber Machine



Wood Fiber Machine



UP TO 12 M³ PER HOUR (16 YD³/H)*

*Depending on the raw material, in EN volume

Design Quality

This compact machine uses low energy to produce wood fiber. The robust design reduces wearing and unexpected breaks, providing easy maintenance and increased uptime.

Cost Efficiency

The machine's investment cost provides an attractive ROI and total cost of ownership.

Versatility

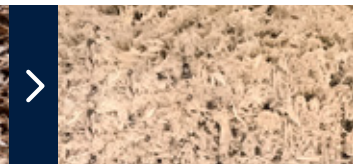
The equipment can process various local and renewable raw materials, reducing transport and overall carbon footprint. It can be adjusted to fit diverse fraction sizes, moisture content, and finished grades.

Raw Materials Inputs

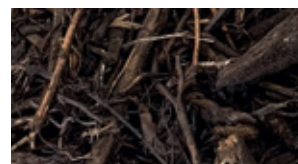
Wood Fiber Outputs



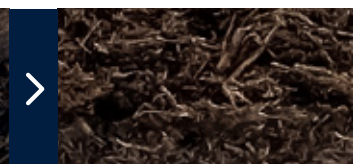
White soft wood chips



Forest residues



Compost wood



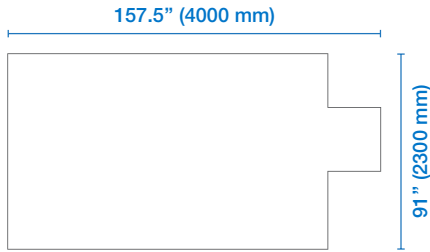
 **The system is specially designed to meet the needs of growing media producers looking to use alternative or complementary raw materials in their mixes.**

The patented extruding and refining technology applies high pressure on the raw material, creating heat above 100°C, which simultaneously produces and sanitizes the fiber.

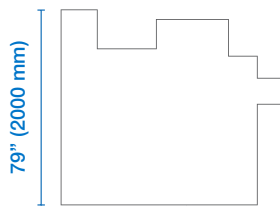
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Typical Equipment Dimensions



Top view



Side view

Specifications

Throughput

Up to 12 m³ per hour EN (16 yd³ per hour)

Recommended raw material fraction sizes

Up to 50 mm

Expansion ratio

Up to 3.5 (depending on the material, moisture content, and matrix)

Power requirements

143 kW

Control

PLC

Total weight

7.5 tons

Features

Easy to operate and maintain without specialized training

Quick and easy installation next to your current mixing lines

Heavy-duty and robust steel hopper, housing, extruding screw, and rotating refining plates for high wear resistance

Low-energy consumption

Upstream safety screen and magnet to prevent larger fragments or metal pieces from entering the unit

Fiber sanitizing through temperatures above 100°C

Compliant with the highest safety regulations (CE, CSA, and OSHA)

Options

Automatic top loader infeed to reduce labor costs

Complete range of extrusion matrix to fit various fractions, easily exchangeable

Dosing units for coloring fibers to meet specific customer needs

Modular system allowing the addition of units to increase production capacity

Monitoring and logging of temperatures



Lifetime

Client Solutions

Premier Tech Client Solutions take a personalized approach to **lifecycle management**, creating enhanced solutions customized to your specific needs that develop your own capabilities and operational habits, and help you achieve and maintain productivity.

The Client Solutions' passionate team acts as a **partner** by maintaining constant collaboration and putting your interests at the heart of daily decisions throughout your equipment's lifecycle.

Our programs are designed to help you reach your highest **Overall Equipment Effectiveness (OEE)** and maximize your **Return on Investment (ROI)** by providing you with the most valuable lifecycle services in the industry focusing on critical areas such as **24/7 technical support, spare parts, field service, training, system assessments and optimization.**



PT Systems and Automation



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