

SLOOTWEG • BPE Series

**Wood Fiber Machine**



## Wood Fiber Machine



**UP TO 19 YD<sup>3</sup>/H (15 M<sup>3</sup> PER HOUR)**

\*Depending on the raw material

### Patented Technology

The patented extruding and refining technology applies high pressure on the raw material, creating heat above 212 °F (100 °C).

### Cost Efficiency

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

### Versatility

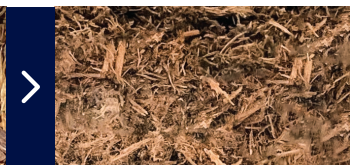
The equipment can process various local and renewable raw materials, reducing transport and overall carbon footprint. It can be adjusted to fit diverse fraction sizes, moisture content, and finished grades.

### Raw Material Inputs

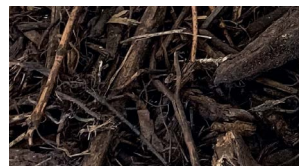
### Wood Fiber Outputs



White soft wood chips



Forest residues



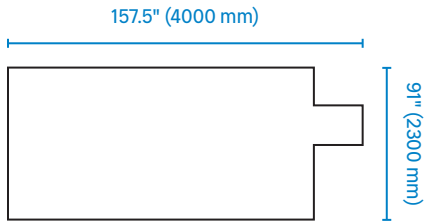
Compost wood

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

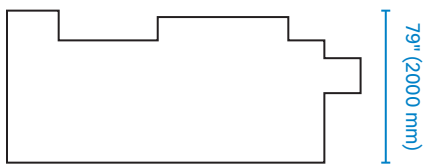
Specially designed to meet the needs of growing media producers looking to use alternative or complementary raw materials in their mixes.

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## Typical Equipment Dimensions



Top view



Side view

## Specifications

### Expansion ratio

Up to 19 yd<sup>3</sup>/h (15 m<sup>3</sup> per hour)

### Recommended raw material fraction sizes

Up to 1.97 in (50 mm)

### Expansion ratio

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

### Power requirements

132 kW

### Control system

Programmable logic controller (PLC) with intuitive touchscreen HMI

## 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 212 °F (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

# The Premier Tech Experience

## ✓ Flexible Payment Solutions

### The flexibility to invest in your growth

Investing in automated packaging equipment is a significant decision for your business. That's why we offer flexible payment solutions with affordable monthly payments tailored to your specific situation. Our payment plans are designed to help you focus on your business growth, without slowing down your operations.

## ✓ Engineering and Construction Solutions

### Turning your vision into reality

Every successful packaging line project begins with a well-thought-out plan, and that's where our Engineering and Construction Solutions team comes in. To integrate your new equipment into your production line, our team of experts will support you every step of the way with our turnkey service.

## ✓ Client Solutions

### Partner in your success

Our partnership doesn't end with the installation of your equipment. Through our Client Solutions team, we work to maximize the performance and longevity of your packaging systems, ensuring continuous success for your operations.

Start off strong with your new equipment by opting for a maintenance plan and specialized technical training. Plus, take advantage of our complimentary 24/7 Help Desk and Client Portal, giving you instant access to expert support and resources whenever you need them.



PT Systems and Automation

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