

# BIOEXTRUDER<sup>®</sup> FOR WOOD FIBER

The Bioextruder<sup>®</sup> is a patented machine with a proven track record of over twenty-five years.

The extrusion process exerts pressure and friction on the material resulting in a temperature increase up to 125°C causing the steam explosion and the defibration of wood: this changes the physical structure of wood and eliminates bacteria.

The machine is robust, reliable and can process all kinds of woody feedstocks.

## KEY FEATRES

- Sturdy, reliable equipment
- Low maintenance costs
- Automatic - no operator needed
- Production up to 40 m<sup>3</sup> / h
- Consumption: 5-6 Kw / m<sup>3</sup>
- Possibility to select the size and quality of the wood fiber
- Low, easy, fast maintenances



## INPUT MATERIAL

The feedstocks that can be processed by the Bioextruder<sup>®</sup> can be categorized into different kinds of wood or wood-related products:

- Virgin wood
- Oversized compost from the composting
- Timber from treatment platforms of lignocellulosic material

## OUTPUT MATERIAL

- Wood fiber

