

Our goal: Address your needs

Over the years, FPInnovations has developed a wide range of expertise in all aspects of composite panels manufacturing.

Process optimization and evaluation of adhesives are integral to our research program. As a result, our customers can benefit from our expertise and experience in these areas.

OUR SERVICES

FPInnovations can support you in the development of new products as well as in the optimization of your manufacturing processes.

Our expertise in the various composite products allows us to offer a wide variety of services that can meet your specific needs.

The diversity of our equipment gives us access to a wide range of transformation tools, including the preparation of raw materials, the manufacture of panels, and the evaluation of the final product's mechanical properties.

EQUIPMENT AND SERVICES OFFERED

Our laboratory is equipped with:

- 34" x 34" oil-heated press, with pressure of up to 740 psi
- Preheating of mats through steam injection system
- PressMAN™ system that allows us to control the pressing cycle programming and monitor pressing variables in real time
- Temperature and pressure probes specifically designed to measure internal temperature of the mat and gas pressure during the pressing process
- OSB disc strander
- OSB ring strander to produce strands up to 12" long
- 30" vibrating screen
- Coil blender for mixing/gluing equipped with 2 spinning disc atomizers
- Preheating, temperature-controlled system for wax application
- Mixing/gluing double-section particle unit
- Large-volume kiln drying capacity
- Mechanical test beds
- Resin evaluation (PF, UF, pMDI, etc.)
- Process improvement
- Development of new products

TYPES OF PRODUCTS THAT CAN BE MANUFACTURED AND EVALUATED

- Oriented strand boards (OSB)
- Medium-density fibreboards (MDF)
- Insulation fibreboards
- Particleboards
- Plywood boards
- Laminated veneer lumber (LVL)
- Laminated products



Learn more:

Tommy Martel | 418 781-6718
info@fpinnovations.ca

web.fpinnovations.ca/ps-woodproducts

Follow us
Suivez-nous



web.fpinnovations.ca

2022/06

