

Technology. Manufacturing. Growth.

A focused strategy for the lumber and wood-products industry

Our mission

Utilize our intellectual property portfolio to design, manufacture and deploy proprietary radio-frequency (RF) energy-wave systems that make industrial processes faster, cleaner and more cost-effective.

Current commercial focus: lumber and wood products

MDWerks Inc. is concentrating its technology and manufacturing capabilities on the lumber and wood-products industry. Through its wholly owned subsidiary, RF Specialties, LLC (RFS), the company develops systems designed to help sawmills and producers convert by-products and raw materials into higher-value output with less time, energy and waste.

Manufacturing and support

RFS builds and supports automated RF systems from its facility in Mills River, North Carolina. Its core platform addresses several applications across the mill:

Molecular Sawdust Drying System (MSDS)

Adjusts sawdust moisture for wood pellets and other end products, with a focus on faster drying, lower cost and modular capacity.

Wood-chip drying and board straightening

Extends the RF technology platform to additional wood-processing applications across the mill.

Compound extraction

Systems for recovering materials such as turpentine and furfural.

Rex Lumber: a foundation for commercialization

Following deployment of its sawdust-drying pilot system, RFS signed a **non-binding letter of intent** with Rex Lumber Company for a proposed joint venture to develop and commercialize RF solutions for the lumber industry. The proposed joint venture remains subject to definitive agreements, approvals and closing conditions.

A deliberate strategic transition

Concentrating resources on industrial systems and customer value

From spirits brands to technology and equipment

Against a backdrop of contraction in the U.S. beverage alcohol market and pressure on smaller producers, MDWerks plans to transition away from owning spirits brands and from alcohol processing. The company is directing its capital, people and engineering resources toward technology and manufacturing for the lumber and wood-products industry.

This transition is intended to reduce overhead, streamline operations in less profitable sectors and concentrate resources on applications where the company believes its technology can deliver the greatest value.

What continues: Spirits Rapid Aging System

MDWerks will continue to manufacture and sell its proprietary Spirits Rapid Aging System (SRAS), its patented aging and polishing technology. SRAS is designed to mature and refine distillate in a fraction of the time required by traditional barrel aging, while using less wood, energy and storage space.

For distillers and bulk-spirits producers facing margin pressure, SRAS offers a way to lower costs and improve speed to market. MDWerks will serve this market as a technology and equipment provider.

Commercial model

The company intends to build its industrial business through **system sales, deployments, royalties and services**. This strategy centers on commercializing its RF technology, supporting customer installations and extending the platform across wood-processing applications.

The investor perspective

The strategic focus brings together a proprietary RF technology portfolio, a manufacturing and support operation, a deployed sawdust-drying pilot and a proposed commercialization relationship with Rex Lumber. The next phase is to translate that foundation into customer deployments and commercial revenue.

Our commitment

MDWerks is a technology and manufacturing company. We will measure our success by the systems we build, the customers we serve and the efficiency we deliver across the lumber industry and other industries where our technology applies.

Forward-looking statements: This document contains forward-looking statements, including statements about the company's strategic transition, expected technology benefits, commercialization plans and proposed Rex Lumber joint venture. The proposed joint venture remains subject to definitive agreements, approvals and closing conditions. Actual results may differ materially.