

SmartWax Systems

Reduce your wax costs up to 30%

Smarttech's pioneering SmartWax system transforms the way wax is used. The patented system transforms wax material into a wax suspension, resulting in better wax utilization, unmatched cost savings, and improved product quality. This approach to wax provides up to 40% cost savings.

Less Wax, More Profit

SmartWax reduces wax volume in the wood panel manufacturing process by generating a wax-in-water suspension. This enables better utilization, helping reduce wax volume and environmental footprint as a result. With a rapid ROI, SmartWax boosts plant's profitability and contributes to sustainability targets.

SmartWax Benefits



Wax cost savings of up to 40%



Easy to deploy, operate and maintain



Tolerant to various types of wax



Enhance overall panel properties



Reduce environmental footprint



Quick ROI < 3 years

SmartWax System

How it works

The wax suspension replaces more expensive wax emulsion, bulk solid or slack wax alternatives without any penalty to performance. SmartWax generates a semi-stable aqueous wax suspension using a widely-available benign dispersant sourced from the wood products industry. The wax suspension is directly passed to the blender or blow line for immediate dispersion on the wood chips, typically with only a 0.5% increase in moisture level. SmartWax is directly integrated into existing production lines.



Technical Specifications

	STANDARD	ECO
Wax suspension flow rate	>1000 kg/hr 4400 Lbs	<1000 kg/hr* 2200 Lbs *special upgrade to 1,250 kg/hr
Production lines served	Up to 4	Up to 2
Applications	OSB, PB, and MDF	
Standard	CE, UL	CE
Control Systems	Siemens, Rockwell, or Allen Bradley	Siemens
Dimensions	7.0 m x 1.50 m x 2.3 m (23' x 5' x 7.5')	5.2 x 2.0 x 2.3 m (17' x 6.5' x 7.2')
Heat Source	Thermal oil/Electric	Electric

About Smartech

Smartech is a pioneering hi-tech company that provides breakthrough technologies to the global manufacturing industry.

Smartech revolutionizes traditional manufacturing by reducing raw materials use and unleashing the latent potential of data, and helps industries upgrade their plants to smart and autonomous factories by transforming existing production lines into high-performing, data-driven and sustainable assets.

Smartech - A Hexion Company is headquartered in Israel, with a global presence.

For more information, please contact us at info@smartech.com or visit smartech.com

