

Trotec Laser Launches TroWood Color: The first opaque lacquered MDF in vibrant colors delivers premium engraving performance for CO₂ and diode lasers.

Marchtrenk, October 16th, 2025 – Trotec Laser introduces TroWood Color, a premium, pre-colored MDF designed specifically for creative professionals and laser businesses seeking aesthetic, tactile alternatives to plastic and acrylics. Engineered for both CO₂ and diode lasers, TroWood Color delivers flawless engraving, smooth cutting, and unprecedented ease of use—making it ideal for product personalization, signage, and décor applications.

Innovative laserable MDF with vibrant colors for maximum aesthetic versatility and creative freedom

TroWood Color stands apart in the market by combining a perfectly flat, high-quality MDF core with an opaque, vivid lacquer coating on both sides. This new combination ensures precision cutting, clean engraving, and consistent color intensity. The material's lacquer is formulated to resist chipping, producing smooth, professional edges and crisp detail.

Available in six vibrant, on-trend colors, TroWood Color offers designers greater creative flexibility than traditional lacquered MDF, which is often limited to white and prone to damage. In contrast to color-through plywood, TroWood Color's surface delivers unmatched flatness, stability, and bold, uniform color.

Performance on all laser types – including diode lasers

While diode lasers often face challenges cutting through most acrylic colors, TroWood Color is designed with a wood-based core that allows it to be cut easily and efficiently with a diode laser. It has been rigorously tested to produce high-contrast, clean engraving results on both CO₂ and diode systems. This opens new creative ties for users who previously avoided colored acrylics due to poor laser compatibility. Its pre-applied lacquer finish eliminates the need for painting, drying, or masking, streamlining workflows and saving valuable production time. The smooth, durable coating also prevents engraving residue from embedding into the surface, so dust wipes away in seconds. Combined with a premium MDF core that resists chipping and ensures clean, precise edges, TroWood Color offers both exceptional performance and a flawless finish straight from the laser.

As demand rises for warm, natural-looking materials that are ready to use straight from the supplier, TroWood Color offers the perfect blend of tactile wood appeal and the efficiency of a pre-finished surface. Trotec is proud to be the first to introduce opaque lacquered MDF in vibrant colors, meticulously tested and proven for outstanding performance on both CO₂ and diode laser systems. With uncompromising quality standards, a flawless surface, and a premium look and feel, TroWood Color sets a new benchmark for laserable materials.

About Trotec

Trotec Laser, headquartered in Marchtrenk, Austria, is a global leader in laser technology. As part of the TroGroup, the European innovation leader develops, produces and markets high-end laser systems for precise marking, cutting and engraving of various materials, continuously setting new standards.

Based on more than 25 years of experience, Trotec stands for innovative complete laser solutions: Laser machines, exhaust systems, powerful software and high-quality materials. 14 subsidiaries and a total of around 600 employees look after the more than 40,000 systems installed to date in 90 countries. Exports account for 98 percent of sales, and current sales in 2024 are 129 million.

More information can be found here www.troteclaser.com.

Images

Preview of printable image material:





Laser-engraved TroWood Color table display with QR code menu.

(Source: Trotec)

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