

TAURUS - THE SMARTEST LASER FINISHING SYSTEM

Maximizing efficiency like never before.

The Taurus laser finishing system enables ultra-fast turnaround with minimal setup for both new and repeat jobs, ensuring uninterrupted production and improved efficiency.

By eliminating the need for conventional die-cut plates, it reduces costs and setup time while increasing flexibility.



The Taurus executes multiple finishing processes kiss-cutting, perforating, and full cutting across a wide variety of label materials, achieving speeds of up to 100m/min, depending on the model configuration, cut pattern, and substrate to be cut.

TECHNICAL SPECIFICATIONS

Cutting Area	330mm x 330mm (13" x 13")
Web Width	50mm - 350mm (1.96" - 13.78")
Input Roll Diameter	500mm (19.68") or 800mm (31.49")
Rewinding	Dual-shaft rewinding up to 400mm (15.74")
Core diameter	Pneumatic (3")
Minimum Slitting Width	19mm (0.75")
Laser Source	225W or 350W CO ₂ sealed laser source (10.25 μm)
Media Type Allowed	Paper, Plastic Films
Accessories Included	Fume blower Water chiller External trims blower QR Reader and mark sensor
Lamination	Cold lamination (self-wound or with liner)
Warranty	12-month warranty

- ✔ **Perfect for short-run, medium to high-volume production**
- ✔ **Offers kiss-cut, full cut, perforation and engraving options**
- ✔ **Supports both printed and unprinted media**
- ✔ **Includes job profile library**
- ✔ **QR code reader for automatic job loading**
- ✔ **Unlimited label length**

Depending on the chosen configuration it includes laser die-cutting, varnish, slitting, and dual rewinding.

Featuring precise register alignment and accurate cut-depth control, the system achieves exceptional edge quality and design versatility, optimizing workflows for same-day label delivery and efficient production across all volumes.

SMART SOLUTIONS FOR THE LABELING INDUSTRY

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FLOOD OR SPOT VARNISH WITH COLD FOIL

With the superior finishing achieved by this module, which can also be retrofitted, you can add prestige and extra value to your printed labels.

This versatile unit supports both flood or spot varnish applications, with the option to apply cold foil. Alternatively, the flexographic unit can serve as a single-color printing station in-line with the Taurus.

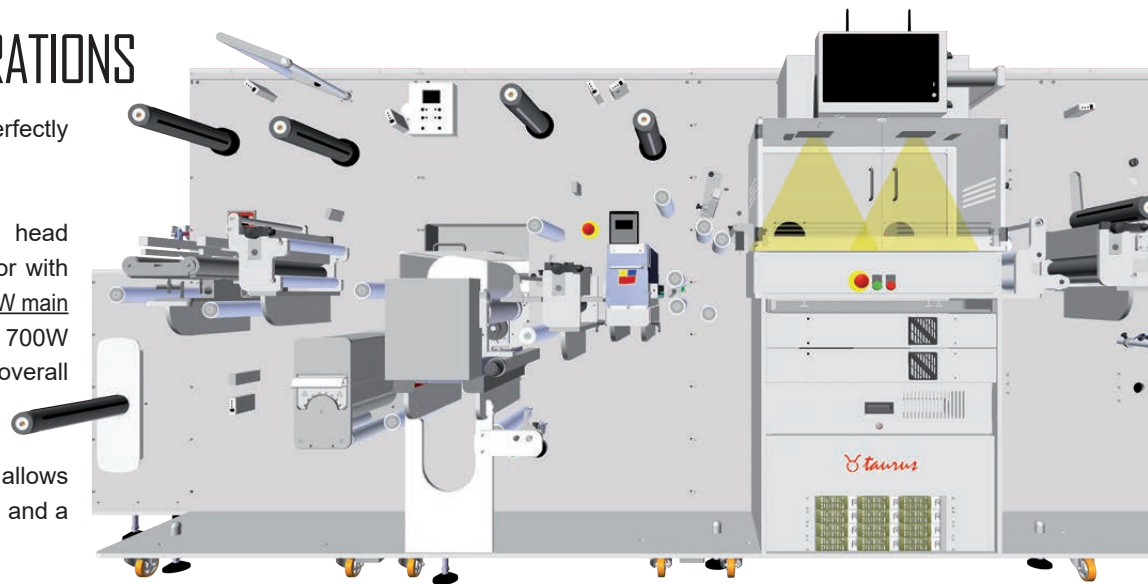
An optional slot is also available for installing a Corona treatment device.

MULTIPLE CONFIGURATIONS

The Taurus can be configured to perfectly match specific production needs.

It is available with a single head delivering up to 225W or 350W, or with a dual head (available only with 350W main laser configuration) providing up to 700W to enhance working speed and overall performance.

Being a modular system, it also allows the installation of varnish modules and a corona treater as retrofit options.



TAURUS - CONFIGURATION TABLE (example code: TRS2120)

Model	Unwinder Capacity	Varnish Module	Corona Treater
<p>TRS1</p> <p><i>225W laser source speed up to 30m/min</i></p>	<p>1</p> <p><i>Standard capacity up to 500mm (19.68")</i></p>	<p>0</p> <p><i>None (retrofit possible)</i></p>	<p>0</p> <p><i>None (retrofit possible)</i></p>
<p>TRS2</p> <p><i>350W laser source speed up to 70m/min</i></p>	<p>2</p> <p><i>High capacity up to 800mm (31.49") (retrofit not possible)</i></p>	<p>1</p> <p><i>Full rotary flood varnish module with flexographic station and UV lamp</i></p>	<p>1</p> <p><i>Vetaphone - 2Kw Generator module iPM100 + Treater station VE1A-M-410</i></p>
<p>TRS3</p> <p><i>Dual 350W laser source speed up to 100m/min</i></p>		<p>2</p> <p><i>Full rotary spot varnish module with flexographic station and UV lamp, includes cold foil capability</i></p>	<p>2</p> <p><i>Vetaphone - 4Kw Generator module iPM200 + Treater station VE1A-M-410</i></p>