

Taurus

Innovate, Elevate, Excel by stepping into a world where your labels tell a story, crafted with laser precision, speed and creativity of the Taurus Laser Label Finishing System. It's not just about making labels; it's about setting new standards in design freedom speed and efficiency.

Technical Specifications

Cut mode	Laser Roll to Roll - kiss-cut, full cut, perforation, engraving
Laser Type	Single Head CO2
Laser Spot size	270µm
Laser Source Power	350W - 10.25 µm
Laser Source wavelength	monochromatic single 10.25 ± 0.4 µm
Max. cutting speed	30, up to 70m/minute
Input Roll Diameter	500mm
Core diameter	76mm
Output Roll Diameter	400mm
Web width	50mm - 350mm
Cutting area: 330mm x 330mm	330mm x 330mm
Power requirements, 3 plugs	Machine: 230v - 12Kw - 50/60Hz - cable 2x6mm2 + GND Fume Extractor: Single Phase 230v - 4Kw - 50/60Hz - cable 2x2.5mm2 + GND Water Chiller: Single Phase 230v - 4Kw - 50Hz - cable 2x2.5mm2 + GND
Dimensions MACHINE	2990x868x1798mm (LxWxH)
Dimensions FUME EXTRACTOR	700x750x1400mm (LxWxH) Exhaust hose 200mm (diameter)
Dimensions WATER CHILLER	560x700x1030mm (LxWxH)
Machine weight	Laser and UW/RW module: 881kg UV module: 203kg Water Chiller: 93Kg Fume Extractor: 164Kg



TAURUS HIGH SPEED LASER FINISHER



Is dedicated to driving innovation and excellence in digital production printing of labels & packaging. We help our customers grow with cutting-edge machinery and technology, complemented by our solution focused pre-sales service and after-sales support. With our extensive local sales and support network, we aim to fuel business growth and prosperity, positioning Katun DPS as a trusted partner.



Showroom & Experience center:
KATUN (E.D.C.) B.V.
De Prinsenhof 11. 4004 LN, Tiel
The Netherlands

Taurus

Leave behind die-cutting tools and embrace laser-powered creativity with the Taurus Laser Label Finishing System. Step into a future where cutting-edge Galvo system technology powers the next generation of label finishing.

Problem-Solution

Conquer the challenges of modern label finishing from rapid job changes, demand for faster turnarounds, personalization to complex shapes with Taurus' full digital flexibility and industrial quality. Its precision, quality, and reliability will transform your label finishing production from daunting to seamless.



Key Features



High Speed All-in-One System

Unwinding, laminating, digital cutting, waste removal, rewinding, and slitting in a single pass at 70mpm.



Precision at Its Core

Utilizes Galvo System Technology and a sealed CO2 laser source for unparalleled cutting accuracy and speed.



Versatile Laser Power

Effortlessly manages kiss-cuts, full cuts, perforations, and engravings.



Dimensional Mastery

Features 3-Axis Precision Control for unmatched registration and depth control, allowing power level variations for superior edge quality.



Smart Features for Optimized Production

Includes ultrasonic tension control, advanced manager software, and an optional UV varnish module to boost operational efficiency and versatility.

Most Common Applications

- Production of Pre Die Cut blank labels
- Food and Beverage Labels
- Healthcare and Pharmaceutical Labels
- Personal Care and Cosmetics Labels
- Industrial and Chemical Labels



Key Software Features

Intelligent Cutting Manager: Optimizes cutting speed and laser output, ensuring time efficiency and minimal material waste.

Seamless Software Integration: Windows™ compatible, enabling easy design-to-production transitions and Adobe PDF file support.

Data Matrix Ingenuity: Enhances productivity with automated cut file loading, streamlining workflow and operational efficiency.

Essential Parts and Add-Ons

1. **Integrated Touchscreen PC:** Simplifies operations with intuitive controls.
2. **Data Matrix:** Automatically loads cut files for enhanced efficiency. Splice Table: Enables quick roll changes without media unthreading.
3. **Web Guide, Tension Control & Mark Sensor:** Ensures consistent media feed at all times.
4. **UV Varnish Module option:** Adds gloss or protective layer, enhancing label aesthetics.
5. **In Line Laminating, Waste Removal & Slitting:** For increased resistance and perfect finish.

The Ideal Client

Innovators and dynamic businesses eager to advance and scale their digital label production.

Taurus is ideal for sectors like food & beverage, cosmetics, and pharmaceuticals, offering a competitive edge through flexibility, speed, and precision.