



TAURUS is the new laser cutting machine based on Vector System, it is the complementary accessory for the converters and manufacturers who are looking for a powerful solution to complete their digital label production.

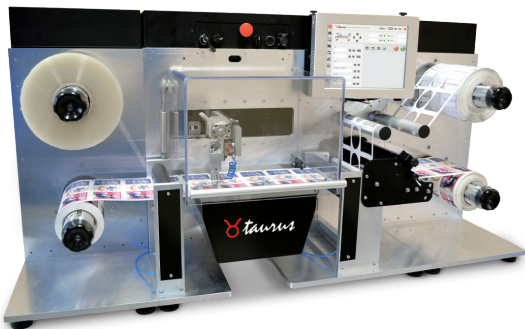
Taurus offers the opportunity to convert & laminate quickly and extremely easily your printed roll of labels. Finished labels "on-demand" will not be a problem anymore. Laser cutting system is a tool-free process that uses vector-based digital files imported by operator software to direct the laser head.

The sensor detects the black mark to manage your printed rolls but it is possible to cut blank media as well. Moreover thanks to the laser power adjusting it is possible to make the full cut and generate the registration marks.

An integrated 7" touch screen PC allows the user to import the digital image and adjust the operation settings, in just few clicks the cutting job will be ready to be started. The vector system physically directs the laser beam perpendicular to the material that is being cut. This feature allows to cut each type of material (except PVC) up to 0.59" thickness, it also guarantees the set laser power along the entire cutting job.

The laser head is equipped with an air flow system to avoid any burning material and keep the working area clean from the vaporized material generated by laser cutting. Taurus is respectful for the environment on electric energy use; at full working it will not use more than 600 Watt, it will be inexpensive to have this unit in action.

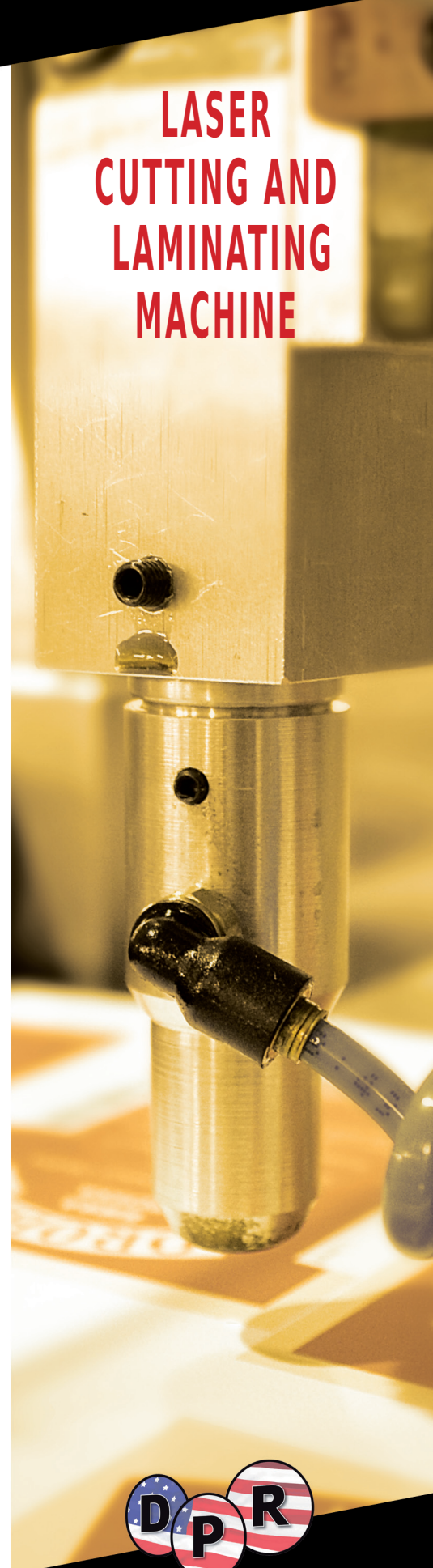
Below the laser working area is available an adaptor where connect the fume extractor (not included). The unit is equipped with an aluminium table and an industrial chiller.



CUTTING AREA	8.66"x8.66" SINGLE CUT (WITH REPOSITIONING, LENGTH > 7.87")
MAX MEDIA WIDTH	9.44"
MAX OD AND INTERNAL DIAMETER	11.81" – 3"
LASER CARTRIDGE	40W CO ₂ SEALED
LIFE OF CARTRIDGE	10.000 HOURS
COOLING	WATER-COOLED WITH PROTECTION
LONGITUDINAL CUTTER	UP TO 5 KNIFES & MATRIX REMOVER

POWER SUPPLY	220V 50-60Hz & 110V 60Hz
POSITION ACCURACY	< 0,01MM
RESOLUTION	0,01MM
IN-PUT ARTWORK	ISO – PLT – DXF
CUTTING MODE	"STOP&CUT"
SPEED	4.080 LABELS 4" x 4" (2 UP) PER HOUR = 3,4 M/MIN
DIMENSIONS	59" x 25.59" x 3"
WEIGHT	660 LBS

LASER CUTTING AND LAMINATING MACHINE



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