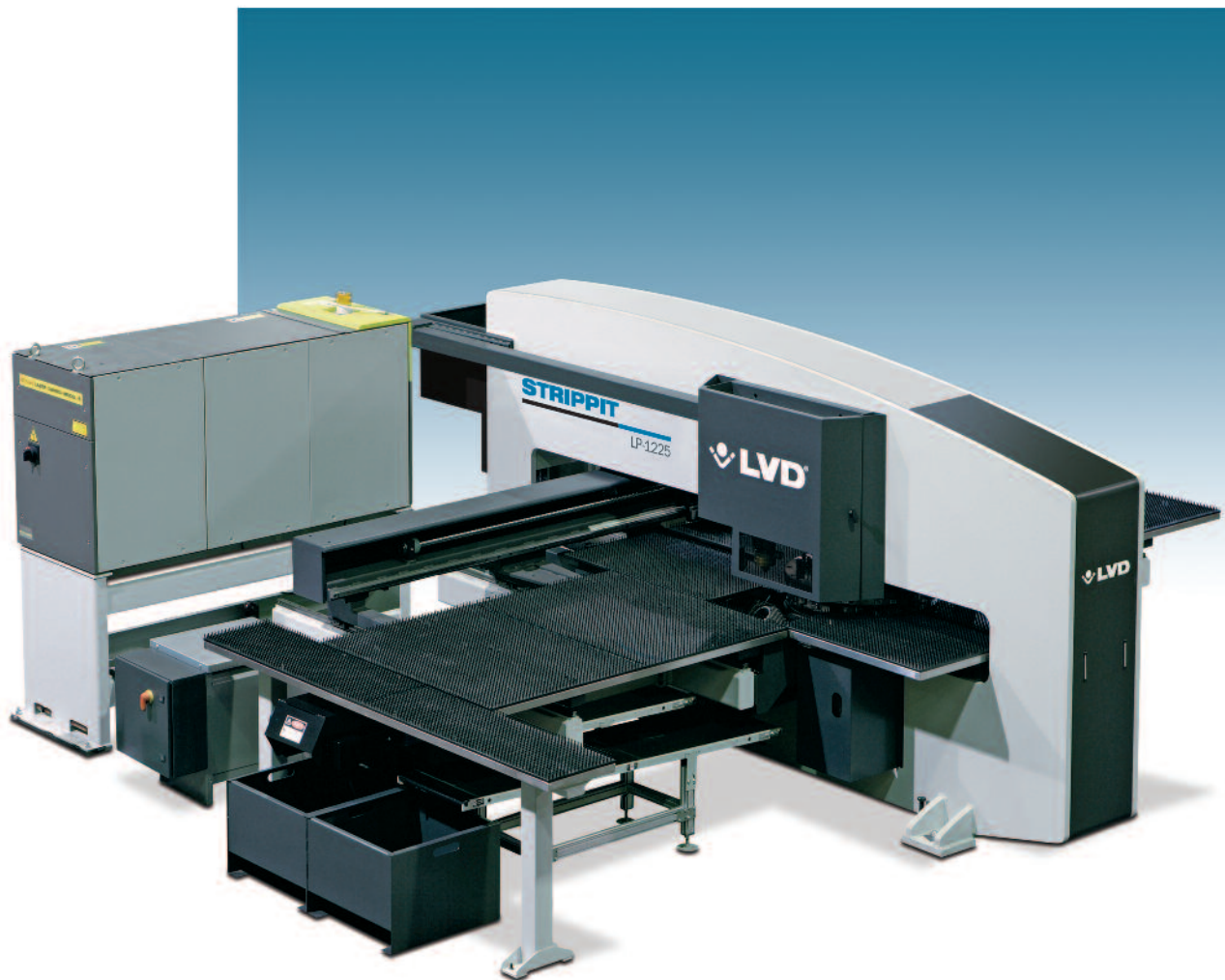


# Strippit LP-1225

*Laser-Punch Combination Machine*



# Strippit LP-1225

## Combination Technology Redefined

Now punching productivity and laser cutting flexibility is combined in one, cost-effective package with the Strippit LP-1225.

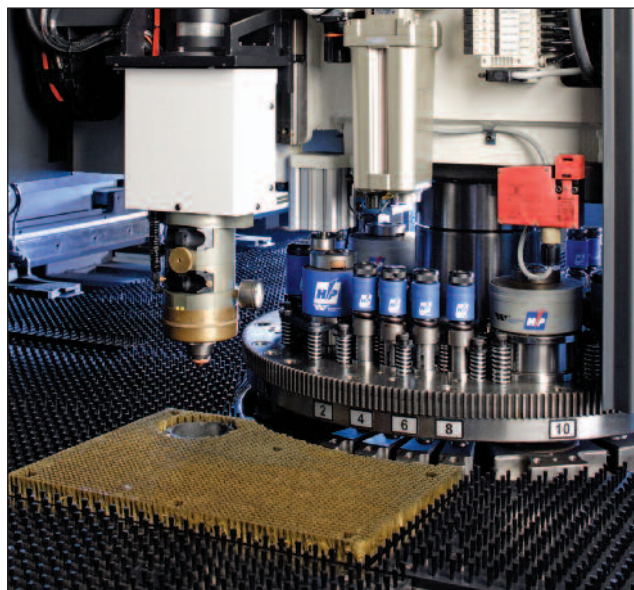
The Strippit LP-1225 is the next generation of laser-punch from LVD Strippit, the company that introduced the versatility of combination technology to the sheet metal fabrication industry in 1978.

This flexible part processing system marries a 20 ton CNC hydraulic punch press with Fanuc GE fast axial flow CO<sub>2</sub> laser technology featuring integrated laser source, motor drive and control package to deliver exceptional part quality and accuracy at an affordable investment. The Strippit LP-1225 punches conventional round and shaped holes with precision self-stripping tooling and with the concentrated energy of a laser beam it cuts holes or contours that are impossible for conventional punches and dies.

The Strippit LP-1225 has a capacity of 1250 x 2500 mm maximum sheet size and 6.35 mm maximum material thickness. Equipped with a low noise/scratch sensitive brush bed system, the machine is ideal for processing lighter gauge components.

A 33-station thick tool style turret is compactly designed and offers large capacity for a versatile tool mix. Three 50.8 mm direct-drive auto-index stations are standard and accept standard, tapping or wheel style tooling.

The laser resonator generates up to 2.5 kW of power to cut intricate shapes in metals and non-metals. Small part quantities with special or unusual shapes are produced without the need for special tooling.



The Strippit LP-1225 is available as a stand-alone machine or as part of an integrated automated Pick-Sort system. The Pick-Sort robotic material and part handling system transforms the machine into a lights out cell.

To learn how you can punch, form, tap and laser cut with one powerful production tool, contact your LVD Strippit representative today.

### FEATURES

- Stress relieved, single piece bridge frame with widespread axis bearing system lends rugged performance
- Servo-driven, high-speed 33-station thick turret is compactly designed and offers large capacity
- Three 50.8 mm direct-drive auto index stations are standard and accept standard, tapping or wheel style tooling
- Precision servo-controlled hydraulic system delivers the highest punching and forming rates possible
- 2.5 m X-axis allows processing of large workpieces
- Punching accuracy is  $\pm 0.10$  mm with a repeatability of  $\pm 0.05$  mm over the entire table
- Smart Clamp™ feature automatically determines exact clamp locations to provide the smallest possible no-punch zone
- Fanuc GE fast axial flow 2.5 kW resonator features long-life discharge tubes, a cyclone cleaner unit, and photo catalytic elements to maximize resonator performance and longevity
- Complete integration of the laser source, CNC control, AC digital motors and amplifiers offers a high degree of reliability, and superior processing speed
- Internal Helium-Neon laser provides simple beam alignment with greater speed, safety and accuracy
- Non-contact laser cutting head features 5" and 7.5" quick-change lenses
- RF excited fast axial flow laser has low power and low gas consumption, requires less maintenance
- 300 mm x 450 mm programmable work chute allows easy discharge of laser cut parts
- Optional Pick-Sort system for automated sheet loading and unloading and piece-part retrieval and stacking



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