

HIGH PRODUCTION CO₂ LASER SOLUTION
FOR HIGH VOLUME ENGRAVING & CUTTING

LS900 XP



GRAVOGRAPH

LS900 XP

INCREASE PRODUCTION CAPACITY WITH AN INTEGRATED MACHINE & SOFTWARE SOLUTION

Ideal for matrix applications, rubber stamp production, sign making, model making and POP display fabrication.

Suitable for a wide variety of materials including plastic, rubber, wood, acrylic, coated metals, ceramics, glass and cardboard.

■ HIGH PRODUCTIVITY

The LS900XP offers high volume industrial capacities. Driven by servo motors to reach engraving speeds of up to 4 meters/sec (157" / s). Heavy-duty chassis and gantry design withstand intensive lasering in an industrial environment. The robust construction makes this engraver ideal for high volume production requirements.

■ OPTIMIZATION

The LS900XP includes many features designed to optimize the machine use. Features such as a red laser spotting beam to set up & verify the job, automated focal adjustment, cycle time display and end of job alarm allow for efficient job processing.

■ HIGH POWER

Available in a range of power levels from 35W to 80W. The powerful high resolution beam is capable of cutting through most materials in a single pass and provides highly detailed engraving and marking.

■ HIGH VOLUME

Its 24" x 24" x 9.8" platform holds large sheets of material and offers extra clearance for engraving bulky objects. With ergonomic front-loading access, part loading is quick and easy. The LS900XP lateral pass-through feature allows processing of oversized objects. This is accomplished by removing panels on either side of the cabinet in a Class 4 environment.

■ LASERSTYLE™

The included professional engraving software provides fast setup, design & processing. Quickly find the optimal engraving parameters with the built-in calibration feature. These are saved with the job for quick re-use at a later time. Additional capabilities include barcodes, photo processing, dials & scales, stamps and more.



■ ENGRAVING CAPACITIES

Engraving area:
610 x 610mm - 24" x 24"
Z-clearance: 250 mm - 9.8"
Maximum item size:
650 x 630 x 250 mm - 25.6" x 24.8" x 9.8"
Maximum item weight: 25 Kg - 55.1lbs
Raster Speed: Up to 4m / sec - 158.8" / sec

■ CO₂ LASER

Power range: 35, 40, 60, 70, 80 WATT
Security: CDRH Class II
CDRH Class IV (pass through in operation)

■ INTERFACE SOFTWARE

LaserStyle™ software
Windows printer driver for use with 3rd party software

■ DIMENSIONS & UTILITIES

Overall machine size:
945 x 1080 x 810 mm - 37.2 x 42.5 x 31.9"
Z-clearance: 250 mm - 9.8"
Net weight: 170 kg - 374 lbs

■ OPTICS

1.5" - 2.0" (std) - 2.5" - 3.5" - 4.0" lenses

■ OPTIONS

Fume exhaust systems
Air compressor
Honeycomb Table
Vacuum Table
Floating Pin Table
Rotary attachment for items up to 415mm (16.33") long & 200mm (7.87") in diameter



Do not use to process
PVC based material.
Never leave the machine
operating unattended.



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