

CO₂ LASER ENGRAVING & CUTTING
UP TO 4 METERS/SECOND

LS900 XP



LS900 XP

HIGH PRODUCTIVITY LASER SOLUTION FOR HIGH VOLUME ENGRAVING & CUTTING

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

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

■ **HIGH PRODUCTIVITY**

The LS900XP offers high industrial production capacities. Driven by servo motors to reach engraving speeds of up to 4 meters/sec (156"/sec). Its heavy-duty chassis and gantry are designed to withstand intensive lasering in an industrial environment.

■ **OPTIMIZATION**

The LS900XP includes many features designed to optimize the machine use. Features such as a red aiming beam laser, automatic focal adjust, a cycle time indicator and an end of job alarm, allow for efficient job processing.

■ **HIGH POWER**

Range of sources up to 80W. The LS900XP powers a high resolution beam to cut many materials in a single cycle and leaves a high quality, durable mark.

■ **HIGH VOLUME**

Its 610 x 610 x 250 mm (24" x 24" x 9.8") platform holds large sheets of material and offers extra dimension for engraving bulky objects. Front loading access makes part loading ergonomically and effortless. The LS900XP features a new lateral pass-through. Doors on both sides of the chassis accommodate oversized work pieces and material strips of virtually any length. Access to this work mode must be done in Class 4 environment.

■ **GRAVOSTYLE™**

The Gravostyle Graphic software makes job creation easier than ever. It allows engraving parameters to be saved with the job, and its advanced functions provide extended capabilities within a few mouse clicks (barcodes, Data Matrix™, pictures, dials, etc.).



■ **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 - 79" / 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 GRAPHIC as standard

■ **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 - 2.5 - 3.5 - 4.0" lenses

■ **FUMES EXHAUSTS**

LNI900 (integrated)
ES30, ES50 (floor stand devices)
Pre-separator for dusts and debris
Air compressor

■ **WORKING TABLES**

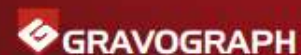
Honeycomb
Vacuum
Floating pin tables

■ **CYLINDRICAL ATTACHMENT**

Ø 3 - 200 mm - 0.12 - 7.87"
max. length item 415 mm - 16.33"



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



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