

Product Sheet

GCC X380

Category: CO2 laser

Reliable and powerful CO_2 laser source, ideal for mass production of both cutting and engraving
The X380 is designed to meet the needs of small and medium-sized businesses looking for an affordable yet high-performance solution. Whether you work with acrylic, wood, plastic, leather or other materials, the X380 delivers smooth, precise cuts with a smooth cut surface.

- Economical and efficient
- Innovative and easy to use
- High precision

Product description

GCC X380 – Cost-effective and powerful laser cutter

The GCC X380 is part of the affordable X series and offers a reliable and powerful CO_2 laser source, perfect for mass production of both cutting and engraving. The machine is equipped with GCC LaserPro's innovative and user-friendly features, making it easy to use while delivering efficient and accurate processing.

The X380 is designed to meet the needs of small and medium-sized businesses looking for an affordable but high-performance solution.

Whether you work with acrylic, wood, plastic, leather or other materials, the X380 delivers smooth and precise cuts with a smooth cutting surface. It combines high quality, reliability and ease of use, making it a smart investment for businesses looking to maximise their production.

Description

- Economical and efficient – An affordable CO_2 laser machine for both cutting and engraving.
- Innovative and easy to use – GCC LaserPro's smart features make operation and adjustments smooth.
- High precision – Provides smooth cuts and high-quality engraving in various materials.
- Low maintenance cost – Durable design and stable construction for long-term operation.

Technical Specification

Machine Specifications

• **Workspace**	960 x 610 mm (37.8" x 24")
• **Maximum workpiece size**	990 x 635 x 165 mm
• **Machine dimensions (W x D x H)**	1370 x 970 x 1050 mm
• **Weight**	200 kg
• **Laser sources**	CO_2laser Glass tube: 80W, 100W, 120W
• **Cooling**	Air-cooled, optimal operating temperature 15° - 30°C
• **Drive system**	Stepper motor for stable and precise movement
• **Maximum cutting speed**	762 mm/s (30 IPS)
• **Maximum engraving speed**	2032 mm/s (80 IPS)
• **Speed control**	Adjustable 0.1 - 100%, up to 16 colour-linked settings per job
• **Power control**	Adjustable 0 - 100%, up to 16 colour-linked settings per job
• **Engraving capacity**	256-level greyscale imaging for high detail
• **Z-axis movement**	Automatic
• **Focus lenses**	Standard 2.0", selectable options: 1.5", 2.5", 3.0" and 4.0"
• **Resolution (DPI)**	125, 250, 300, 380, 500, 600, 760, 1000, 1500
• **Interface**	• 10 Base-T Ethernet • USB Type A 2.0 (for storage, max 32GB, FAT file format) • USB Type B 2.0 (for connection to computer)
• **Compatible operating system**	Microsoft Windows
• **Control panel**	LCD panel with quick buttons for easy operation
• **Safety features**	• Laser class 1 (EN60825-1:2014, EN ISO 13849-1:2023) • Laser class 2 (CDRH) for CO_2lasers • Machinery Directive 2006/42/EC
• **Operating voltage**	80W and higher: 200-240VAC, 50/60Hz, automatic switching, max 15A
• **Extraction system**	• External extraction system required, minimum capacity 600m³/h (353 CFM) • Requires 2.3 kPa negative pressure
• **Extraction ports**	• Upper port: 101 mm (4") • Lower port: 127 mm (5")