



Product Sheet

GCC LaserPro Spirit

Category: CO2 laser

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- The market's best-selling laser machine
- Precise and fast processing
- Versatile material handling

Product description

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Spirit delivers precise and detailed engravings, whether you are working with acrylic, wood, plastic, paper, leather or glass. It is developed to provide optimal performance and easy handling, making it perfect for both small and large productions.

With its high cutting speed and precision, the GCC Spirit has become Sweden's best-selling laser machine, thanks to its unbeatable quality and reliability.

The GCC LaserPro Spirit is the perfect choice for companies looking for a reliable, high-performance and easy-to-use laser machine for professional engraving and cutting!

Description

- The best-selling laser machine on the market – A favourite thanks to its exceptional engraving quality and reliability.
- Precise and fast processing – Perfect for both fine engraving and efficient cutting.
- Innovative and user-friendly – Equipped with smart features for easy and smooth operation.
- Robust mechanics – Reliable and durable construction for long-term production.
- Versatile material handling – Handles acrylic, wood, plastic, paper, leather, glass and more.

Technical Specification

Machine Specifications	
• Workspace	640 x 460 mm (25" x 18")
• Maximum workpiece size	• With doors closed: 762 x 482 x 165 mm • With doors open: 762 x 482 mm
• Machine dimensions (W x D x H)	1025 x 720 x 992 mm
• Weight	160 kg
• Laser sources	CO laser: 30W, 40W, 60W, 80W
• Cooling	Air-cooled, optimal operating temperature 15° - 30°C
• Drive system	DC servo motor for fast and precise movement
• Maximum engraving speed	2.54 m/s (100 IPS)
• Speed control	Adjustable 0 - 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 detailed engraving
• Z-axis movement	Automatic
• Focus lenses	Standard 2.0", selectable options: 1.5", 2.5" 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 lasers • Machinery Directive 2006/42/EC
• Operating voltage	• 30W - 60W: 100-240VAC, 50/60Hz, automatic switching, max 15A • 80W: 200-240VAC, 50/60Hz, max 15A
• Extraction system	• External extraction system required, minimum capacity 510m³/h (300 CFM) • Requires 2.3 kPa negative pressure
• Extraction ports	Upper port: 101 mm (4")