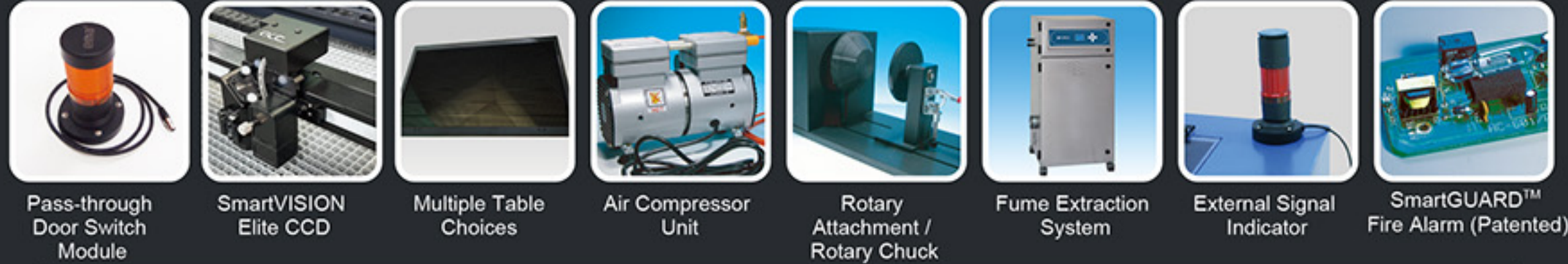


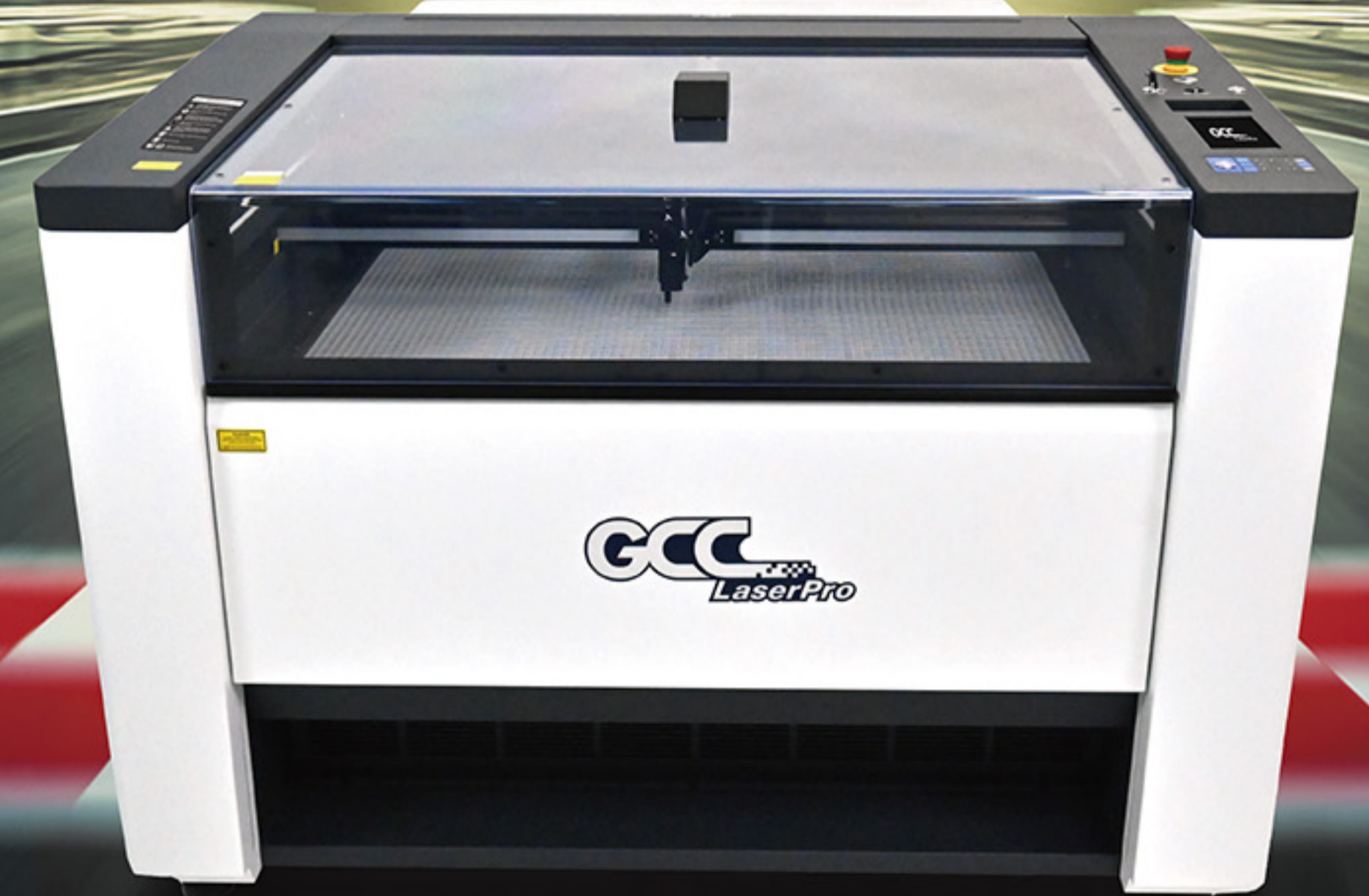
Optional Items

265020060G(02)



# The Flagship Model of The Laser Engraver

Speed. Precision. Innovation.  
Your Path to Perfection



Laser Engraver

# Piolas 400

Piolas 400		CO2	Fiber	Dual
Work Area	with or without CCD	1016 x 610 mm (40 x 24 in.)		
Max. Part Size (W x L x H)	All Doors Closed	1053 x 647 x 280 mm (41.4 x 25.4 x 11 in.)		
	All Doors Open	1053 x ∞ x 280 mm (41.4 x ∞ x 11 in.)		
Table Size		Standard Grid Cutting Table 1019 x 613 mm (40.1 x 24.1 in.)		
Dimensions (L x W x H)		1440 x 900 x 1048mm (56.7 x 35.5 x 41.3 in.)		
Weight	CO2 80-100W	270 kg / 595 lb		
	Fiber 30W/50W	260 kg / 573 lb		
Laser Source		80~150W	30W/50W	CO2: 80~150W Fiber: 30W/50W
Cooling		60W~120W - Air-cooled, Operating environment temperature 15°- 30°C (59°- 86°F) 150W - Water-cooled		
Drive		Closed-loop Brushless DC servo control		
Camera	SmartEYES	Standard		
	SmartVISION Elite	Optional		
Maximum Motor Speed		175 IPS		
Speed Control		Adjustable from 0.1~100% (Up to 16 color-linked speed settings per job)		
Power Control		Adjustable from 0~100% (Up to 16 color-linked power settings per job)		
Engraving Capability		256-level gray scale image processing capability		
Z-Axis Movement		Automatic		
Focus Lens		CO2: Standard 2.0" (Optional 1.5", 2.5" & 4.0")		
		Fiber: Standard 2.0" (Optional 4.0")		
		Dual (CO2+Fiber): Standard 2.0" (Optional 3.0" & 4.0")		
Resolution (DPI)		Available 125, 250, 300, 380, 500, 600, 760, 1000, 1500		
Interface		10 Base-T Ethernet USB Type-A 2.0		
		📀 – For USB storage (Max. 32GB capacity, FAT file system) USB Type-B 2.0 for USB Storage		
		🖨️ – For connecting with the computer		
Compatible Operating Systems		MS Windows 64 Bit		
Control Panel		7" Touch panel		
Safety		Class 1 Laser Product Complies with EN60825-1:2014, EN ISO 13849-1:2015 Class 2 Laser Product Complies with CDRH for CO2 Laser Class 3R Laser Product Compliant with CDRH for Fiber & Dual Laser Source 2006/42/EC Machinery Directive Compliance Class 4 Laser Product Compliant with CDRH with the optional pass-through door module		
Operation Voltage		60Watt, 100-240VAC, 50/60HZ Auto Switching, max. 15A		
		80Watt and above, 200-240VAC, 50/60HZ Auto Switching, max. 15A		
Fume Extraction System		External exhaust system with minimum flow rate 800m³/h (CFM 471 ft³/min) is required, 2.3kPA negative pressure (Pure-Air PA-1500FS @ 4" exhaust port)		

- 1016 x 610 x 30 mm (40 x 24 x 11 in.) extra large working area
- 175ips high speed with DC servo control for precise and rapid movement of the laser carriage
- GCC SmartFLOW™ technology provides outstanding dust protection
- GCC SmartLID™ invention makes maintenance a lot easier
- QSM (Quality Speed Mode) maintains 100% engraving quality while operating at maximum speed
- Patented SmartACT™ motion control technology increases your productivity by reducing ramping process and job running time
- Drag and engrave feature assures remarkably easy and fast set-ups
- Pass-through front and rear doors to accommodate long working pieces (optional)
- CO2 and Fiber laser option in one laser machine

\*\* Speed is not equal to throughput. See dealer or visit [www.gccworld.com](http://www.gccworld.com) for more detail.

Specifications are subject to change without prior notice.

\*\*\* Please use certified brands by GCC for LaserPro USB storage, kindly refer to GCC User Manuals for more details.

Authorized Dealer



[www.GCCworld.com](http://www.GCCworld.com)



GCC Headquarters 4F-1, No.236, Fude 2nd Rd., Xizhi Dist., New Taipei City 22151, Taiwan 886-2-6616-6692 Fax: 886-2-2694-6875

GCC China No.1, Chen Feng Road, Yushan, Kunshan, Jiangsu 215300, China 86-512-5726-1515 Fax: 86-512-5726-1518

GCC Europe B.V. Eglantierbaan 43-45, 2908 LV, Capelle a/d IJssel, The Netherlands 31-10-458-9367

GCC America, Inc 20453 E Valley Blvd. Walnut, CA 91789, USA 1-909-718-0248 Fax: 1-909-718-0251

US & Canada Only Toll Free: 1-888-284-5211

# GCC LaserPro Piolas 400



## Laser Engraver GCC LaserPro Piolas 400

Inherit all the advantages from Spirit Hybrid, a brand new machine – Piolas 400 features 175ips processing speed by DC servo motor, innovative touch panel, user friendly interface and a modern good looking design. Together with SmartFLOW™ dust prevention technology and SmartLID™ easy access invention, Piolas 400 presents you the highest throughput and precise laser quality. GCC Piolas 400 makes all your imaginations to life at the speed of light.

## Features

### Perfect Cutting and Engraving Throughput

Maximum 175ips processing speed with powerful DC servo motor to boost productivity while maintaining precision.



### SmartSEAL™ Technology

New gantry design to prevent dust, the easy take-off cover also makes the maintenance a lot easier.

### Higher Working Depth

Depth of Z-axis up to 11" (280 mm) thick.



### Dust Prevention

Incorporating metal panels to protect key components, but not seal entirely to ease any difficulty of maintenance.

### SmartFLOW™ Technology

SmartFLOW™ invention creates a perfect Air Flow to enhance the vacuum effect and bring out the dust completely while working.



### SmartLID™ Easy Access

Easy access design simplifies maintenance.



### Intuitive Touch Screen

Operation is easy and intuitive with the 7" touchscreen.



### SmartACT™ (Patented)

Ground-breaking technology that reduces the ramping process and the job running time, which translates into higher productivity.

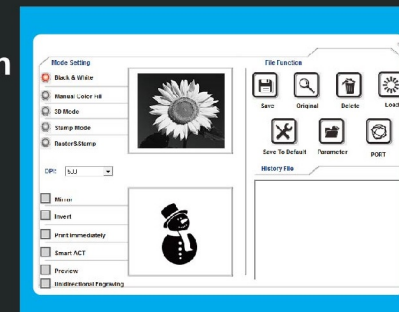
### SmartEYES

SmartEYES camera allows you to preview your design to make positioning simple and easy.



### User Friendly Driver Interface

Starting from end users' view, GCC driver evolves into a brand new design with the intuitive interface to favor each user.



## GCC LaserPro Piolas 400 Application

