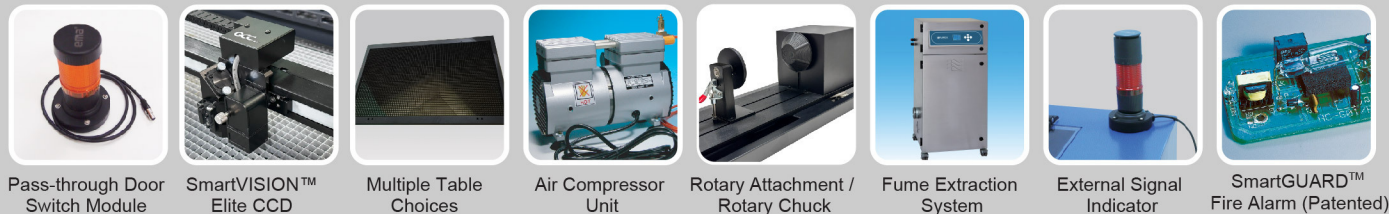


**Optional Items**

265024020G(01)



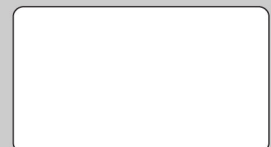
Piolas 400	
Work Area	without CCD
	with CCD
Max. Part Size (W x L x H)	1,016 x 610 mm (40 x 24 in.)
Max. Part Size (W x L x H) (with pass-through door module)	1,091 x 680 x 280 mm (43 x 26.8 x 11 in.)
Table Size	Standard Alu Grid Cutting Table 1,021 x 614 mm (40.2 x 24.2 in.)
Dimensions (L x W x H)	1,511 x 1,107 x 1,123 mm (59.5 x 43.6 x 44.2 in.)
Weight	392 kg / 864 lb
Laser Source	CO <sub>2</sub> : 80W, 100W, 120W
Cooling	80W~120W - Air-cooled, Operating environment temperature 15°- 30°C (59°- 86°F)
Drive	Brushless DC motor closed-loop servo control
Camera	SmartEYES
	Live-view camera
	SmartVISION Elite
Max. Engraving Speed	4.44 m/s (175 in/s)
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	CO <sub>2</sub> Standard 2.0" (Optional 1.5", 2.5", 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
Compatible Operating Systems	MS Windows
	7" Touch panel
Safety	Class 1 Laser Product Complies with EN60825-1:2014, EN ISO 13849-1:2023
	Class 2 Laser Product Complies with CDRH for CO <sub>2</sub> Laser
	2006/42/EC Machinery Directive Compliance
Operation Voltage	Class 4 Laser Product Compliant with CDRH with the optional pass-through door module
Exhaust Port Diameter	80Watt and above, 200-240VAC, 50/60HZ Auto Switching, max. 15A
Fume Extraction System	Upper exhaust port diameter: 4" (101mm) / Lower exhaust port diameter: 5" (127mm)
	External exhaust system with minimum flow rate 800m <sup>3</sup> /h (CFM 471 ft <sup>3</sup> /min) is required, 2.3kPA negative pressure (Pure-Air PA-1500FS @ 4" exhaust port)

\*\* 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

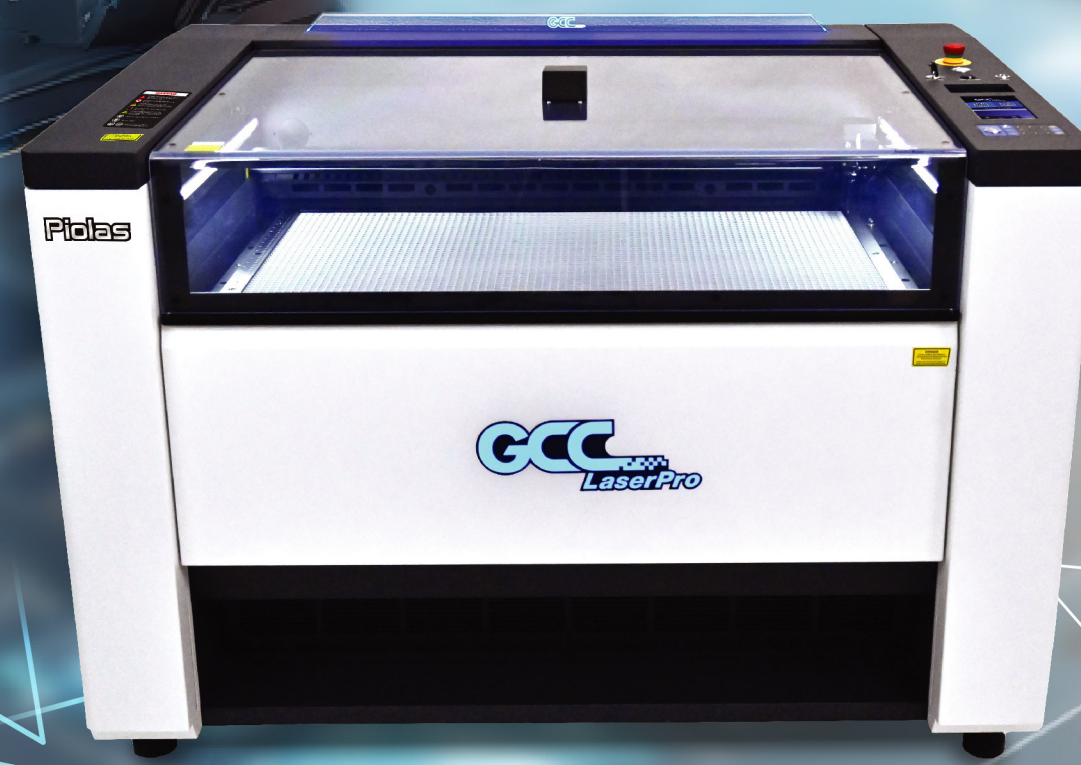


[www.GCCworld.com](http://www.GCCworld.com)



# EXPERIENCE PEAK PERFORMANCE

## Piolas 400



- Unmatched engraving speed of 175 IPS (4,445 mm/sec)
- 40" x 24" (1,016 mm x 610 mm) extra-large working area
- Equipped with SmartEYES™ CCD for effortless positioning
- Standard live-view camera for educational purposes
- Brushless DC motor closed-loop servo control ensures precise and rapid movement of the laser carriage
- Comes with a 7" touchscreen display
- Status indicator lights on the upper cover allow users to easily discern the machine's status
- SmartLID™, an easy-access design that simplifies maintenance



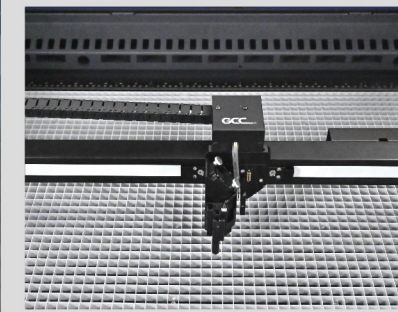
GCC Headquarters 4F-1., No.236, Fude 2nd Rd., Xizhi Dist., New Taipei City 22151, Taiwan 886-2-6616-6692 Fax : 886-2-2694-6875  
 GCC China No.1, Chen Feng Road, Yushan, Kunshan, Jiangsu 215300, China 86-512-5726-1515 Fax : 86-512-5726-1518  
 GCC Europe B.V. Eglantierbaan 43-45, 2908 LV, Capelle a/d IJssel, The Netherlands 31-10-458-9367  
 GCC America, Inc 20550 Carrey Road, Walnut, CA 91789, USA 1-909-718-0248 Fax : 1-909-718-0251  
 US & Canada Only Toll Free: 1-888-284-5211



GCC Piolas 400 stands as the pinnacle of our technological advancements, boasting an unprecedented speed of 175 IPS.

With innovative features like SmartEYES™ and live-view CCD, the operation is seamless and effortless. Elevate your artwork to new heights with GCC Piolas 400, delivering unmatched throughput and quality.

## Features



### 175 IPS (4,445 mm/s) engraving speed

Piolas 400 excels in performance, delivering unparalleled productivity benefits.



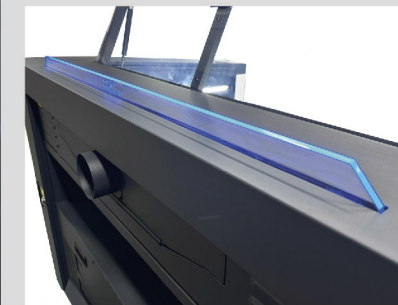
### Transparent top-lid window

The clear and lightweight top-lid window allows expensive visibility and superior ease of use.



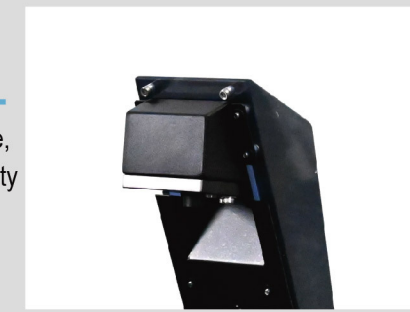
### Live-view camera

The standard live-view camera is an ideal educational tool for real-time observation and learning.



### Status Indicator Light

The status indicator bar displays the machine's current operating state, standby mode, or error status, enabling users to easily monitor the machine's condition from a distance.



### SmartEYES™ CCD

SmartEYE™ CCD on the top lid, offering a comprehensive view of the entire work area for effortless positioning.



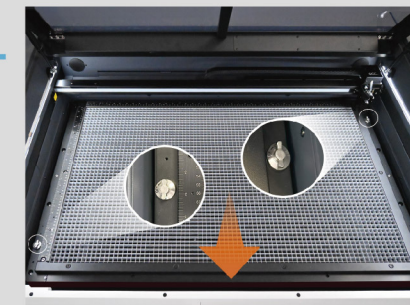
### 7" Touch Panel

Outfitted with a standard 7-inch touch panel and button controls for an intuitive and convenient operational experience.



### SmartLID™ for easy maintenance

An easy-access design simplifies maintenance.



### Easy Platform Switching

The unique rotary knob design enables easy switching between different cutting platforms.

