

Optional Items



Pass-through Door Switch Module



SmartVISION™ Elite CCD



Air Compressor Unit



Rotary Attachment



Fume Extraction System



External Signal Indicator



SmartGUARD™ Fire Alarm (Patented)

		Piolas 400	Piolas 400SE
Work Area	without CCD	1,016 x 610 mm (40 x 24 in.)	
	with CCD		
Max. Part Size (W x L x H)		1,091 x 680 x 280 mm (43 x 26.8 x 11 in.)	
Max. Part Size (W x L x H) (with pass-through door module)		1,064 x ∞ x 165 mm (41.9 x ∞ x 6.5 in.)	
Working Table		Standard Alu Grid Cutting Table with leveling adjustment	Standard Alu Grid Cutting Table w/o leveling adjustment
Working Table Size		1,021 x 614 mm (40.2 x 24.2 in.)	
Dimensions (L x W x H)		1,516 x 1,107 x 1,123mm (59.7 x 43.6 x 44.2 in.)	
Weight		392 kg / 864 lb	
Laser Source		CO ₂ : 60W, 80W, 100W, 120W	
Cooling		60W~120W - Air-cooled, Operating environment temperature 15°- 30°C (59°- 86°F)	
Drive		AC Servo System	
Camera	SmartEYES	Standard	
	Live-view camera	Standard	
	SmartVISION Elite	Optional	
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 ₂ 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 connecting with the computer	
Compatible Operating Systems		MS Windows	
Control Panel		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 CO2 Laser 2006/42/EC Machinery Directive Compliance Class 4 Laser Product Compliant with CDRH with the optional pass-through door module	
Operation Voltage		60Watt and above, 200-240VAC, 50/60HZ Auto Switching, max. 15A	
Exhaust Port Diameter		Upper exhaust port diameter: 4" (101mm) / Lower exhaust port diameter: 5" (127mm)	
Fume Extraction System		External exhaust system with minimum flow rate 800 m³/h (CFM 471 ft³/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 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



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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



EXPERIENCE PEAK PERFORMANCE
Piolas 400Series



- 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
- AC Servo System 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 Piolas 400 Series 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 Series, delivering unmatched throughput and quality.

Features



4.44 m/s (175 in/s) Engraving Speed

Piolas 400 Series excels in performance, delivering unparalleled productivity benefits.



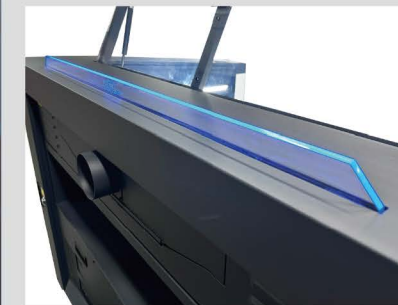
Transparent Top-lid Window

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.



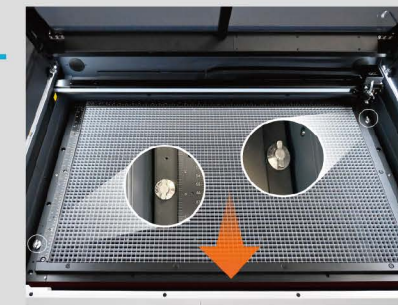
7" Touch Panel

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.

