

Optional Items



| | | Piolas 280 | Piolas 400 | Piolas 400SE |
|--|-------------------|--|--|---|
| Work Area | without CCD | 710 x 510 mm (27.9 x 20 in.) | 1,016 x 610 mm (40 x 24 in.) | |
| | with CCD | | | |
| Max. Part Size (W x L x H) | | 790 x 579 x 210 mm (31.1 x 22.8 x 8.3 in.) | 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) | | 671 x ∞ x 135 mm (26.4 x ∞ x 5.3 in.) | 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 with leveling adjustment | Standard Alu Grid Cutting Table w/o leveling adjustment |
| Working Table Size | | 719 x 514 mm (28.3 x 20.2 in.) | 1,021 x 614 mm (40.2 x 24.2 in.) | |
| Dimensions (L x W x H) | | 1212 x 936 x 1123mm (47.7 x 36.9 x 44.2 in.) | 1,511 x 1,107 x 1,123 mm (59.5 x 43.6 x 44.2 in.) | |
| Weight | | 341 kg / 752 lb | 392 kg / 864 lb | |
| Laser Source | CO ₂ | 60 ~ 120W | | |
| | Dual | N/A | 60 ~ 120W CO ₂ Laser 30 ~ 60 W Fiber laser | |
| 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 | Optional (CO ₂ model only) | |
| Max. Engraving Speed | | 4.19 m/s (165 in/s) | 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 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 m ³ /h (CFM 471 ft ³ /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



EXPERIENCE PEAK PERFORMANCE

Piolas Series



- Unmatched engraving speeds of 4.19 m/s (165 in/s) and 4.44 m/s (175 in/s)
- 27.9" x 20" (710 x 510 mm) and 40" x 24" (1016 x 610 mm) 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



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Piolas Series



Piolas 400 / 400SE



Piolas 280

GCC Piolas Series represents the pinnacle of our technological advancements, delivering unparalleled engraving performance with models reaching 4.19 m/s (165 in/s) and 4.44 m/s (175 in/s).

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

Features



Ultra-Fast Engraving Speeds

Piolas Series excels in performance, achieving engraving speeds of 4.19 m/s (165 in/s) and 4.44 m/s (175 in/s), delivering unmatched productivity and efficiency.



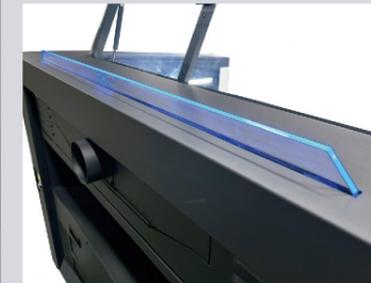
Transparent Top-lid Window

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.



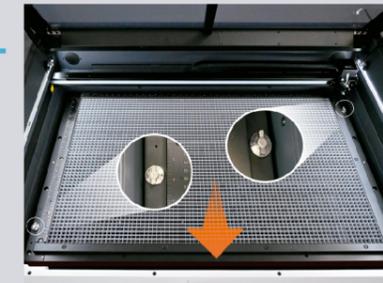
7" Touch Panel

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.

