

Comparison Sheet of CO2 Laser Engraver

| Manufacturer | GCC | | Epilog | | Universal | |
|----------------------------------|----------------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| Model | Spirit | Mercury | Legend 24TT | Legend24X | M-360 | V-460 |
| Laser Source | Sealed CO2 Laser | | | | | |
| Laser Power (Watt) | 12~100W | 12~100W | 35,45W | 30,35,40,45,60,75W | 25-60W | |
| Speed | 60ips | 42ips | 80ips | 80ips | 60ips | 80ips |
| Working Area | 25"x18" and extendable | 25" x 18" | 24"x12" | 24"x 20" | 24"x 12" | 24"x18" |
| Max. Working Piece(doors closed) | 31.4"x22.4"x7" | 31.5"x22.4"x6.5" | ? X ? X 6" | 24"x20"x9" | 29"x17"x9" | 29"x23"x9" |
| Max. Working Piece(doors open) | 31.49" x ∞ x 7" | 26.8"x∞ x 6.5" | N/A | N/A | N/A | N/A |
| Table Size (inch) | 31.25"x21.65" | 31"x21" | 27.25"x13.25" | 33"x21" | 29"x17" | 29"x23" |
| Drive | DC servo motor | DC servo motor | DC servo motor | DC servo motor | Stepping Motor | Stepping Motor |
| Power Control | 16 colors setting | 16 colors setting | 17 colors setting | 17 colors setting | 8 colors setting | 8 colors setting |
| Z Axis Moving | Motorize | Motorize | Motorize | Motorize | Motorize | Motorize |
| Resolution (DPI) | 25,250,300,380,500,600,750,1000 | 200,250,300,500,600,1000 | 150,200,300,400,600,1200 | 150,200,300,400,600,1200 | <200,200,250,333,500,1000 | <200,200,250,333,500,1000 |
| Computer Interface | Printer port | Printer & Serial port | WinXP/2000-Parallel | WinXP/2000-Parallel | Printer & Serial port | Printer & Serial port |
| USB port/ Ethernet | USB | N/A | standard | standard | optional | optional |
| SmartACT | standard | N/A | N/A | N/A | N/A | N/A |
| SmartMemory | standard | N/A | N/A | N/A | N/A | N/A |
| Memory Buffer | 32 to 64MB | 16 to 64 MB | Ethernet | 32MB | 16 to 64 MB | 16 to 64 MB |
| Display Panel | graphic | 4Line LCD | 3 x 4 LCD | 3 x 4 LCD | LCD | LCD |
| Cooling | Air-cooled | | | | | |
| Red Laser Pointer | standard | standard | standard | standard | standard | standard |
| Air Assist | standard | standard | standard | standard | optional | optional |
| Rotary Attachment | optional | optional | optional | optional | optional | optional |
| Working Light | standard | N/A | N/A | N/A | N/A | N/A |
| Fire Alarm | optional | N/A | N/A | N/A | N/A | N/A |
| Emergency button | standard | N/A | N/A | N/A | N/A | N/A |
| Dual Head | optional | optional | N/A | N/A | optional | optional |
| Honeycomb table | optional | optional | optional | optional | optional | optional |
| Cutting Box | optional | optional | optional | optional | optional | optional |
| Focusing Method | Auto & Plug-and- play (standard) | Auto (standard) | Auto (standard) | Auto(standard) | Auto (optional) | Auto (optional) |
| Exhaust System | optional | optional | optional | optional | optional | optional |
| Laser Class | 3a | 3a | 3a | 3a | 3a | 3a |