



# GCC E200 Desktop Laser Engraver So Simple, So Professional



Authorized Distributor:

شركة النجم الرقمي للألات و المعدات  
DIGITAL STAR MACHINERY AND EQUIPMENTS

# SOURCE OF DIGITAL SOLUTIONS

Welcome to Digital Star, your trusted partner in the world of cutting-edge printing solutions. As a leading printing machines, materials, and ink authorized dealer in Riyadh – Saudi Arabia (KSA), we pride ourselves on delivering state-of-the-art technology that empowers to achieve unparalleled levels of efficiency and quality.

At Digital Star, we understand the pivotal role that printing machinery plays in the success of your operations. With a commitment to innovation and excellence, we curate a diverse range of top-tier printing machines to meet the unique needs of our clients. Our product line-up reflects the latest advancements in the industry.

As a responsible printing machines supplier, we prioritize sustainability. Our commitment to eco-friendly practices is reflected in the products we offer, promoting energy efficiency and environmentally conscious manufacturing processes. When you choose Digital Star, you're not just investing in cutting-edge technology – you're partnering with a company that values the planet as much as your success.

ABOUT US

**E200 CO2**  
Desktop Laser Engraver



# Desktop Laser Engraver

## E200 40W CO2



E200 co2 desktop laser engraver provides an easy operating workflow and is able to complete different processing procedures quickly, containing various advanced functions with stable quality and excellent safety featur



### Multifunction User Interface

Multifunction user interface for both beginners & advance users.



### High Throughput for Unlimited Imagination

20ips Processing speed with DC servo motor to boost productivity while maintaining precision.



### Unmatchable Output Quality

E200 desktop laser engraver takes your engraving and cutting to a level beyond other desktop lasers.



### Live Camera Preview

E200 desktop laser engraver's on board camera allows you to preview your design to make positioning simple & easy



### 7" Large Touch Panel

With colorful intuitive 7" touchscreen interface, E200 desktop laser engraver can bring your inspiration to life.



### Stamp Mode With Shoulder Level Function

E200 desktop laser engraver stamp mode with shoulder level function enables you to produce a professional stamp easily.



### Free Bundle with GCC Materials to Start Your Business with Ease

Every E200 desktop laser engraver comes with free GCC Materials with barcode stickers. Camera can read the QR code and automatically set up the parameters according to different materials.



### Standard Water Chiller Allows For High Production

E200 desktop laser engraver comes with a standard water chiller to ensure machine efficiency.



### Rotary Attachment - E200

In addition to the standard X, Y, and Z axes, the rotary attachment of E200 desktop laser engraver allows for a fourth axis that rotates the object 360° for laser engraving on cups, wine glasses, cylindrical objects, and even spherical objects.

The maximum diameter & length of the to-be-engraved object are 70mm (3 inches) respectively. Its maximum weight should not exceed 3kg (6 lbs).



### Air Compressor

A specially designed Air Compressor, by using an oil-less diaphragm, you help eliminate the harmful and damaging side effects of moisture on the laser optics. Also, provides the optimal air pressure your laser needs to blow away vaporized particles & helps prevent overheating. A must to keep lenses and mirrors clean to promote longer laser life.



### Fume Extraction System

CE-certified fume extraction systems, are designed to remove the hazardous fumes and dusts during laser processing to protect the health of operators, eliminate environmental pollution and enhance the laser cutting.



# PRODUCT SAMPLES



MDF



WOOD CUTTING



TILE



LEATHER




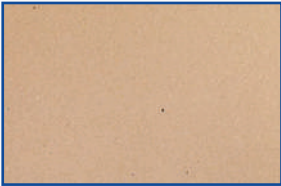





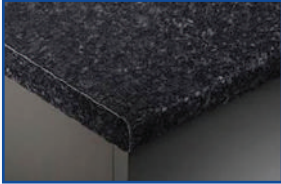


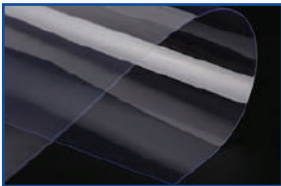

ACRYLIC



TEXTILE/ APPAREL

## E200 DESKTOP LASER ENGRAVER LASERABLE MATERIALS LIST

	MATERIALS	ENGRAVING	CUTTING	REMARKS
	Acrylic	✓	✓	10mm
	Wood	✓	✓	10mm
	MDF	✓	✓	3mm
	Cork	✓	✓	
	Cardboard	✓	✓	
	Paper	✓	✓	Paper engraving effect depends on paper color
	Rubber	✓	✓	2mm
	Glass	✓	✗	

	Tile	✓	✗	
	Marble / Granite	✓	✗	
	Leather	✓	✓	
	Food	✓	✓	
	Plastic (PET)	✓	✓	
	Textile	✓	✓	



## **E200 CO2**

Desktop Laser Engraver



**MODEL: GCC E200 CO2**

Work Area	510 x 330 mm (20 x 12.9 in.)
Maximum Part Size	520 W x 340 L x 20 H mm (with grid cutting table) 505 W x 340 L x 76 H mm (remove grid cutting table)
CCD Camera	Standard, accurate within 4mm (0.16 in.)
Working table	Standard grid cutting table
Dimensions	915 x 780 x 300 mm (36 x 30.7 x 11.8 in. )
Laser Wattage	DC driven glass laser tube: 40W
Laser Source	Sealed CO2 laser
Drive	Closed-loop DC Servo Control
Maximum Speed	20 IPS
Cutting Thickness	10mm (Maximum)
Speed Control	Adjustable from 0.1~100% (Up to 5 color-linked speed settings per job)
Power Control	Adjustable from 0~100% (Up to 5 color-linked power settings per job)
DPI	Available 250,380,500,760,1000
Focus Lens	Standard 1.5"
Computer interface	Full-speed USB 2.0 port, 10 Base-T Ethernet
Operating systems	MS Windows
Control Panel	7"touch screen
Connection	WiFi, Ethernet, USB
Water Chiller	Standard
Safety	Class I Laser Product Complies with EN60825-1 Class II Laser Product Complies with CDRH

\*Specifications are subject to change without prior notice, all rights reserved.

FACILITY REQUIREMENTS	
Electrical	100-240VAC, 50-60Hz Auto Switching, Max. 15A
Air Exhaust System	External exhaust system with minimum flow rate 300 m <sup>3</sup> /h (10594 ft <sup>3</sup> /min) is required, 2,500PA negative pressure (Pure-Air PA-300 @ 4" exhaust port)

\*Speed is not equal throughput. Specifications are subject to change without prior notice.

\*The flow rate is determined by a default fume extraction system; the flow rate may vary due to a different fume extraction system

### SYSTEM REQUIREMENTS (PC's)

Refer to the appropriate section below for the minimum and recommended computer system requirements necessary to use this printer.

Operating System*	Windows 10 (64 Bit) or Later
Processor	i7 - 2.6 GHz or faster
Memory (RAM)	Min. 8GB or More
Video Card and Monitor(VGA)	1280x1024 or Higher Resolution is Recommended
Working Hard Disk Space	1 TB SSD or more recommended
Graphics Card	2GB or more (Optional)
Optical drive	DVD-ROM
Other requirements	Ethernet connection for network capable printers Available USB ports and PCIE Slot
Recommended Brand	Lenovo / Dell

\* Note: You can use a laptop or desktop computer

\* Use the original operating system and software. If you are using pirated operating system or software, we are not responsible for any damage to Machine workings, and also the warranty terms will become void.

### POWER REQUIREMENTS (PC's)

Voltage Regulator	5000W Stabilizer
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### OTHER REQUIREMENTS (PC's)

Coolant	10L Distilled Water (For Chiller)
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# TERMS AND CONDITIONS

01. Payment to be made in SAR currency.
02. Payment Terms : As mentioned in Quotation.
03. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
04. Any charges, duties, taxes or levies at the ports of entry will be to our account.
05. The charges of loading, boarding and local conveyance of the technician will be to our account.
06. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
07. Digital Star Machinery and Equipments will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents & any related reasons, which is beyond our control.
08. Warranty will be 12 months from the date of installation from Digital Star Machinery and Equipments. Wear and tear, consumables are exempted and warranty can be claimed only if you use the Inks & Services from Digital Star Machinery and Equipments.
09. Service will be free of cost within 12 months from the date of installation.
10. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
11. Delivery: As mentioned in quotation

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