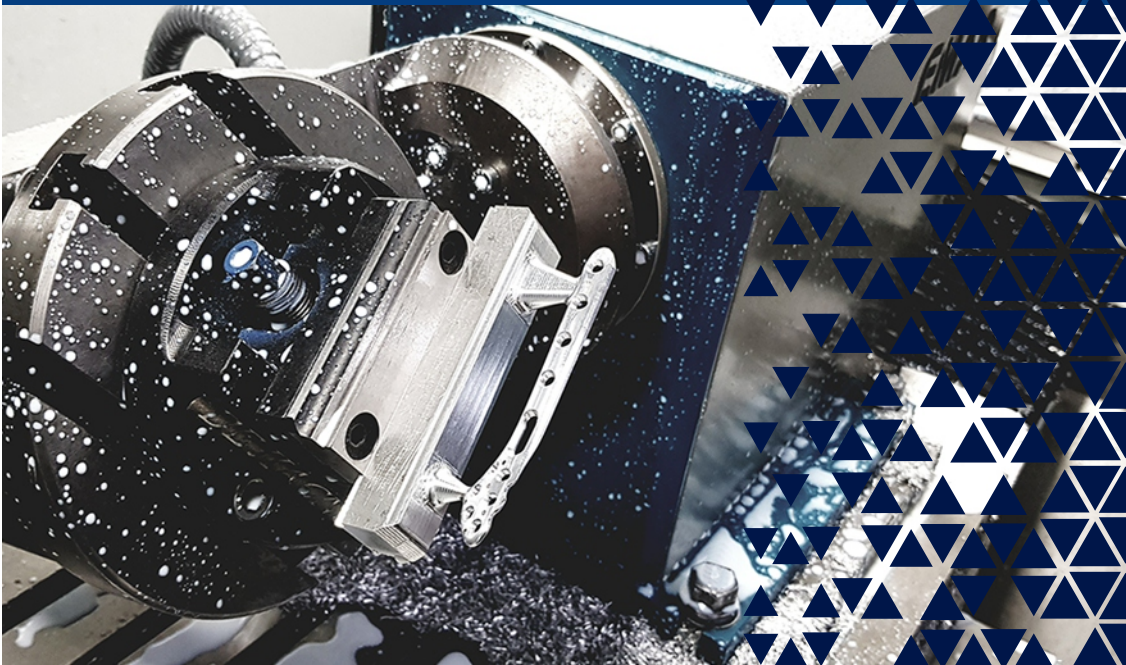




**KNOWLEDGE
PUT TO USE**

**FIRST EGYPTIAN BUILT
CNC MILLING MACHINE**



EMAR

+2 0101 16 15 522
+2 0100 37 12 976
+2 0100 88 66 472

info@emar-eg.com

www.emar-eg.com

www.fb.com/EMAR4IS

C2, Industrial Complex,
10th of Ramadan city, Asharquia, Egypt

WHY CHOOSE EMAR

How EMAR builds machines?

Basically the building process is **EMAR machines making more EMAR machines**. Every critical part is machined in EMAR's factory using EMAR's machines. And when it comes to components used, EMAR does not compromise quality, from liner guides to ball screws to spindle bearing to servos & stepper motors to drivers, EMAR only uses the highest quality in the price range. Further, EMAR's assembly procedures follows a strict protocol, with quality checks made continuously throughout the process, starting from geometry and spindle checks to leak tests and sampling (test cuts).

EMAR takes pride in the machines it builds and its customers are there to back it up

EMAR makes a lot of machines, and it does a fine job at designing and building the machine that's right for you. Each and every machine is built in a single factory in 10th of Ramadan City in Egypt, allowing the building process to be constantly monitored by engineers on the production floor. Doing so, makes it possible to constantly change, enhance and monitor quality live on the assembly line, ensuring that each and every machine carrying EMAR's logo is up to date and defect-free.

KNOW WHAT YOU ARE PAYING FOR

An Egyptian machine, that is un-matched by Chinese rivals and goes neck to neck with the Taiwanese ones. With a maintenance team present in Egypt 24/7, managed directly by the manufacturer, your support will be in Arabic language, without having to worry about long e-mails lists and different weekend/holidays hustles. Your maintenance services, spare parts installations and machine upgrades will be finished long before other overseas manufacturers even reply to your e-mail request.

Following the need of the market, EMAR machines are flexible, reliable, precise, and off course unmatched when it comes to initial cost for its customers. All along with the outstanding performance, the simple design, and MACH3 & GSK controls, EMAR machines are perfect for almost all application areas and a wide range of industries, as its machines are capable of milling and engraving the toughest of metals.

EMAR machines are manufactured on demand, which means that you only pay for the options you want. You have the choices to customize your machine exactly the way you want. All along with 12 months guarantee and life time support.

**All that with only a fraction of the price
EMAR simply offers you maximum return on investment**



EMAR SERVICE

12 MONTHS WARRANTY

LIFE TIME SUPPORT

Pre-sales services

- Customizable solutions to suit each and every industry.
- Machine choice guidance and assistance for different needs and requirements.
- Arabic & English sales services.
- Live machine demonstrations.
- Investigations and test sampling availability.
- Customers list referrals.

After-Sales Services

- One year warranty & life time support.
- Modular interchangeable spare parts.
- Customized mechanical upgrades.
- Arabic/English 24/7 on-call maintenance services.
- Technical milling solutions & support.
- CAD & CAM support.
- Basic control and software training.
- On-site maintenance & regular check-ups.



EMAR DENTAL SERIES

DENTAL CAD/CAM



DENTAL MILLS

WET/DRY MACHINING

Model		ED5X	
Clamping System	Standard 98.5 mm	Chassis	Hybrid Cast Iron - Aerospace Grade Aluminum
Number of Axis	5 Axis up to ± 30	Suitable for	Dry & Wet Machining for: Copings, Crowns, Inlay, Onlay, Bridges up to 3-14 units, Occlusal splints, Prosthesis over Ti-base Abutments, One piece Abutments (Ti, Crco)
Spindle Type	ATC Water Cooled		
Spindle Power	2,500 Watt		
Spindle Speed	60,000 RPM		
Floor Space	780 x 1000 x 1650 mm	Machinable Materials	Titanium, Zirconia, Chromium-Cobalt, Peek, Plastics, Wax, Composites, Pmma, Glass Ceramic, Sintered Metal
Weight	≈ 750 kg		
Number of Tools	21 Tools Magazine		
Motors and Drivers	AC Servo Motors		
Accuracy	$\pm 5 \mu\text{m}$		
Material change	Manual Single Blank Holder		



Model		ED5Xz	
Clamping System	Standard 98.5 mm	Chassis	Aluminum Built-up Section
Number of Axis	5 Axis up to ± 30	Suitable for	Dry & Wet Machining for: Copings, Crowns, Inlay, Onlay, Bridges up to 3-14 units, Occlusal splints, Prosthesis over Ti-base Abutments
Spindle Type	ATC Water Cooled		
Spindle Power	1,800 Watt		
Spindle Speed	60,000 RPM		
Floor Space	710 x 660 x 1720 mm	Machinable Materials	Zirconia, Pmma, Wax, Peek, Glass Ceramic, Ceramic Hybrid, Plastics, Composites, Sintered Metal
Weight	≈ 400 kg		
Number of Tools	11 Tools Magazine		
Motors and Drivers	Stepper Motors		
Accuracy	$\pm 5 \mu\text{m}$		
Material change	Manual Single Blank Holder		



Model		E5DXi	
Clamping System	Standard 98.5 mm	Chassis	Aluminum Built-up Section
Number of Axis	5 Axis up to ± 20	Suitable for	Dry & Wet Machining for: Copings, Crowns, Inlay, Onlay, Bridges up to 3-14 units, Occlusal splints
Spindle Type	ATC Air Cooled		
Spindle Power	400 Watt		
Spindle Speed	60,000 RPM		
Floor Space	455 x 580 x 605 mm	Machinable Materials	Zirconia, Pmma, Wax
Weight	≈ 75 kg		
Number of Tools	8 Tools Magazine		
Motors and Drivers	Stepper Motors		
Accuracy	$\pm 10 \mu\text{m}$		
Material change	Manual Single Blank Holder		





FIRST EGYPTIAN BUILT
CNC MILLING MACHINE

KNOWLEDGE
PUT TO USE

DENTAL SAMPLES

