

Our Technology and Strengths

Our capabilities begin with Product Design & Engineering, supported by advanced **CAD** tools and enhanced by Mold Flow Analysis to optimize part performance and manufacturability from the earliest development stage.

Premium ESR Tool Steel: To ensure long mold life and consistent quality, we use premium ESR tool steels, including 1.2083, 1.2344, 1.2343, 1.2316, S7, XPM, and high-performance copper alloys, with fully hardened and surface-hardened options to enhance durability, wear resistance, and overall mold lifespan. All materials are sourced from Böhler, ASSAB, and Schmiedewerke Gröditz.

Manufacturing is executed using advanced machining technologies, including high-precision CNC milling and turning, supported by EDM and wire-cut machining, ensuring exceptional accuracy, consistency, and high-performance mold production.

3D Scanning, Reverse Engineering, and 3D Printing support accurate design validation and advanced rapid prototyping.

EL SAFA PLAST

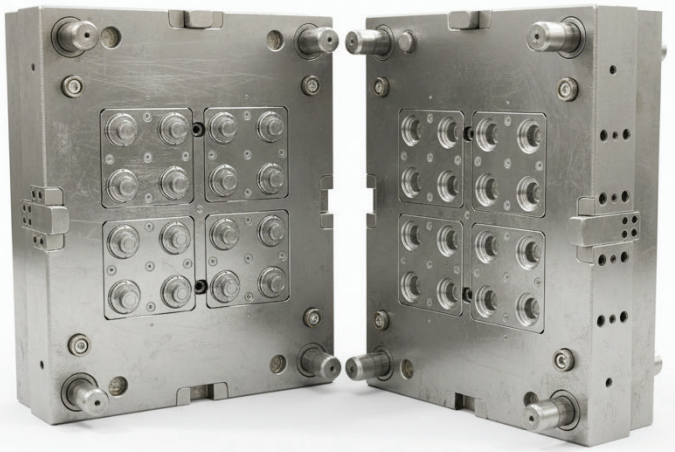
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EL SAFA PLAST



Professional Mold Manufacturing in Egypt

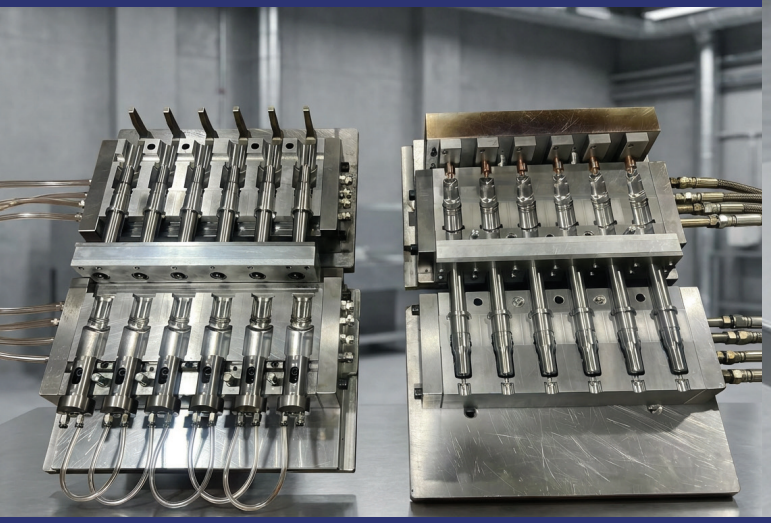
we design and manufacture high-precision plastic injection molds tailored for medical, caps & closures, thin wall packaging, electrical, automotive, and engineering applications.

WHO WE ARE

El Safa Mould is a specialized manufacturer of high-precision molds, including plastic injection molds, blow molds, and injection blow molding (IBM) solutions. We deliver innovative and reliable mold technologies for a wide range of industrial applications. With strong expertise across all mold manufacturing technologies, we are recognized as a trusted partner for advanced mold solutions in the Middle East.

We serve a wide range of industries, including:

- Medical devices
- Pharmaceutical and cosmetic packaging
- Injection Blow Molding (IBM) solutions from 20 mm up to 200 mm
- Thin-wall containers and buckets
- Unscrewing closures
- Flip-top caps and closures
- High-performance industrial packaging



Multi-Cavity Expertise & Testing

We are experts in professional **multi-cavity mold** technology, helping customers reduce costs, improve efficiency, and achieve stable high-volume production through optimized cycle times, advanced hot runner systems (open gate and valve gate), and efficient cooling and material flow design.

We also operate an in-house plastic production facility with injection, injection blow molding (IBM), and blow molding machines, enabling full mold validation, process optimization, and pre-delivery testing under real production conditions.