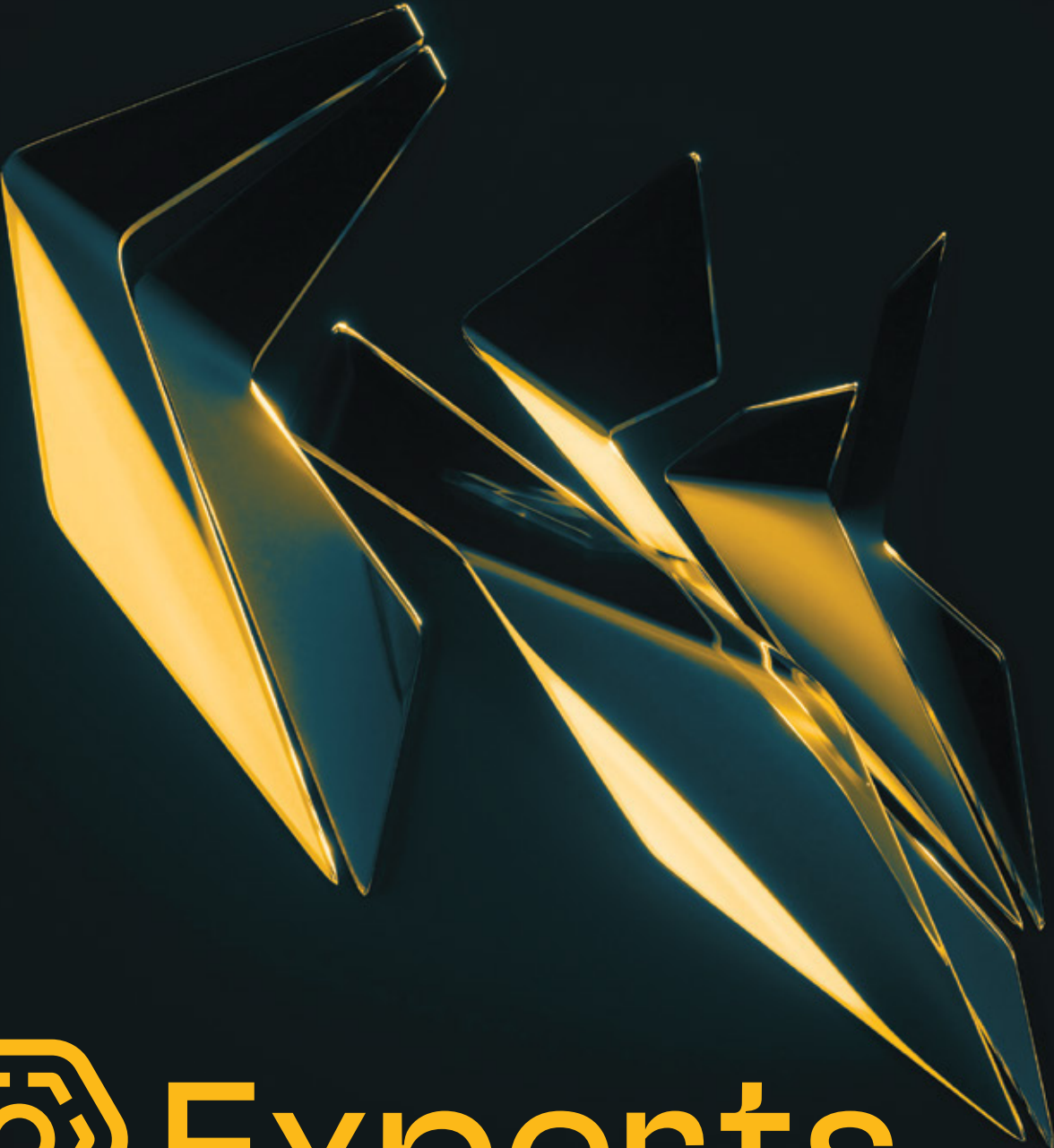


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Profile



Experts

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Precision
in Every Die



ABOUT EXPERTS

At Experts, we are obsessed with precision and the clarity it brings to die manufacturing.

Since its inception in 2017, Experts for Metal Industries has risen to the forefront of the extrusion die sector catering to a broad spectrum of global industries.

These tools do more than meet specifications ;they redefine what our partners can achieve.

What truly distinguishes us is our dedication to client success. We dive deep into the nuances of extrusion, ensuring every die we produce is a bespoke solution, honed through rigorous planning, innovative design, and flawless execution.

Our ethos is built on the pillars of precision engineering, a steadfast commitment to quality, and a zeal for breaking new ground.

At our cutting-edge facility in Egypt, we blend sophisticated technology with deep industry expertise, empowering us to forge dies that set new standards for excellence.

Our path has been one of relentless pursuit of knowledge, flexibility, and expansion, always aligned with the dynamic pace of industry advancements and customer needs.

As we look to the future, our commitment to research and development remains unwavering, ensuring we remain at the cutting edge of technology and industry trends. With Experts for Metal Industries, you're not just choosing a supplier; you're selecting a partner committed to excellence, ready to shape the future of extrusions together, one precision-engineered die at a time.

Vision

Shaping the future of aluminum industries with peerless die craftsmanship, our mission is to foster innovation, sustainability, and precision across all extrusions, establishing the international gold standard for die design and manufacturing.

Mission

Guided by integrity and expertise, we aspire to set the benchmark in extrusion die craftsmanship. Every die we produce symbolizes innovation, shaping industry standards and empowering our partners with quality, and unparalleled performance.

values

Committed to excellence, we deliver top-tier die design services on time and within budget.

We uphold the highest ethical standards in all interactions, with a detail-oriented team that thrives in a supportive, politic-free, and negotiation-friendly environment. We offer competitive pricing without compromising quality.

The background features a vibrant yellow and teal color palette. Large, stylized, overlapping shapes in both colors create a dynamic, geometric pattern. The shapes include curved lines, thick borders, and solid blocks, suggesting a sense of movement and modern design.

OUR INTEGRITY

Rooted in honesty and transparency, our integrity is the foundation of everything we do. From crafting dies to engaging with our community, we pledge unwavering fidelity to ethical principles, ensuring trust and reliability in every endeavor.

The image features a dark teal background with several thick, wavy yellow lines that create a sense of movement and flow. The lines are positioned in the upper and lower portions of the frame, framing the central text.

TIMELINE



2008 - 2010

THE BEGINNING AND SPECIALIZATION IN CNC TECHNOLOGY.

Experts for Metal Industries began its journey in the world of CNC machinery, coinciding with a significant shift in Egypt's die-making industry.

From the outset, the company committed to developing its expertise in this field by adopting advanced design programs such as SolidWorks.

The team achieved the highest certifications available, enhancing the company's proficiency and excellence in CNC machine operation and programming.

2017

ESTABLISHMENT OF THE FIRST SPECIALIZED PLANT IN EGYPT AND AFRICA

With determination and vision, Experts established the first specialized plant in Egypt and Africa for producing aluminum extrusion dies.

The plant garnered significant interest in the local market, and the company successfully signed contracts to supply 50 different dies in partnership with four aluminum extrusion plants.

2017 - 2019

EXPANDING PARTNERSHIPS AND MEETING GROWING DEMAND

Experts expanded its partnerships to include ten companies and committed to producing 150 dies per month, meeting diverse industrial needs and supporting the continuous growth of its operations.

2020

INTRODUCTION OF EUROPEAN PROCESSING TECHNOLOGIES

Experts introduced the first vacuum heat-treatment unit to harden dies according to European standards.

2020 - 2023

EXPANDING INTO REGIONAL MARKETS

Experts extended its reach to regional markets, exporting to Jordan, Libya, and Saudi Arabia.

With increasing demand locally and regionally, the company raised its production capacity to 300 dies per month, meeting the needs of both domestic and international markets.

QUALITY POLICY



01

CO-ENGINEERING FOR CUSTOMIZED SOLUTIONS

At Experts, we understand that each market and customer has unique requirements regarding weight, dimensions, tolerances and surface quality.

Close collaboration with our customers to achieve the best results is central to our approach.

Our skilled engineers are proficient in formulating the optimal mold through rigorous co-engineering processes.

We also offer a "Quick Consultation Service" for quick consultations.

02

CONTINUOUS DEVELOPMENT AND INNOVATION

Experts develop and manufacture an extensive array of extrusion dies, ranging from straightforward to intricate designs.

We leverage cutting-edge design and manufacturing software and are committed to continuous investment in the training and development of our team.

Our facilities are frequently updated to keep our engineering knowledge, manufacturing systems, and production equipment at the forefront of technology.

03

EXPLORE OUR QUALITY CONTROL

Experts is attuned to the diverse quality requirements across various market segments. We pride ourselves on our innovative design engineers and proprietary technologies.

As a leader in adopting advanced manufacturing techniques, we deliver dies of unmatched quality, relied upon by top-tier companies in sectors like automotive, and construction.

04

CONTINUOUS IMPROVEMENT

We are thrilled to share that we have successfully implemented the new ISO 9001:2015 certification.

This update underscores our commitment to continuous process improvement, aiming to provide our customers with superior quality dies consistently.



**SEARCH
& DEVELOPMENT**

Search & Development

At Experts Aluminum, our R&D department is the backbone of our innovative approach to designing and developing aluminum dies.

Driven by a deep passion for improving the aluminum industry, our team is committed to pioneering developments that enhance the efficiency, quality and sustainability of our products, ensuring we deliver innovative solutions that meet market expectations and push the industry to new heights.

Future Outlook

Experts Die is committed to maintaining its leadership in the die industry by investing in research and development. Our future focus will be on achieving further developments in smart molds and advanced technologies.

Our R&D efforts ensure that Experts Die remains at the forefront of the industry, driving innovations that matter to our clients and contributing to a more sustainable world.

Our Mission

Our mission at Experts Aluminum R&D is to lead the aluminum mold industry through continuous innovation and understanding the changing needs of our customers. We aspire to deliver distinctive, high-quality solutions that deliver superior performance and tangible benefits, enhancing our leadership in the sector and keeping pace with our customers' aspirations for a more sustainable and efficient future.



Innovation, R&D to achieve excellence in die-making

Advanced Aluminum Die Design

We optimize die designs to meet high-performance requirements while maintaining accuracy and efficiency.

Improving Operational Efficiency

We look for innovative ways to improve production processes and reduce costs while ensuring the highest levels of quality.



Environmental Sustainability

We are committed to developing technologies and products that reduce environmental impact and contribute to the sustainability of the aluminum industry.

Smart Technology Development

We integrate modern technologies such as automation and artificial intelligence to improve the accuracy and efficiency of production processes.



SECTORS

SECTORS

SECTOR

01

Building & Construction

Aluminum is one of the most widely used materials in modern construction projects due to its many advantages over other materials.

With its high strength-to-weight ratio, aluminum reduces the load on the supporting structure of buildings, which reduces overall costs and saves materials. Aluminum makes buildings lighter, stronger, and less expensive to construct.

Aluminum is also naturally resistant to corrosion, and its durability can be enhanced through painting or anodizing.

SECTOR

02

Industry

Aluminum is used in a wide range of applications, such as radiators, medical devices, and electric motor housings. Due to its malleability and flexibility, aluminum can be formed into a variety of shapes.

It is also ideal for use in both interior and exterior applications due to its resistance to rust.

In addition to its durability, aluminum is easy to clean and requires little maintenance.

SECTOR

03

Automotive

Aluminum is one of the fastest growing materials in the automotive industry, with extrusion processes accounting for around 10% of its content in vehicles.

Key growth areas include structural applications, as well as safety systems and battery housings.

SECTOR

04

Transportation

The most prominent features of aluminum solutions in the transportation sector are light weight, high energy absorption, excellent formability, and corrosion resistance. Extruded aluminum is a basic material in the construction of train, bus, trailer, and truck bodies.

It is also an ideal choice for use in marine and land environments.

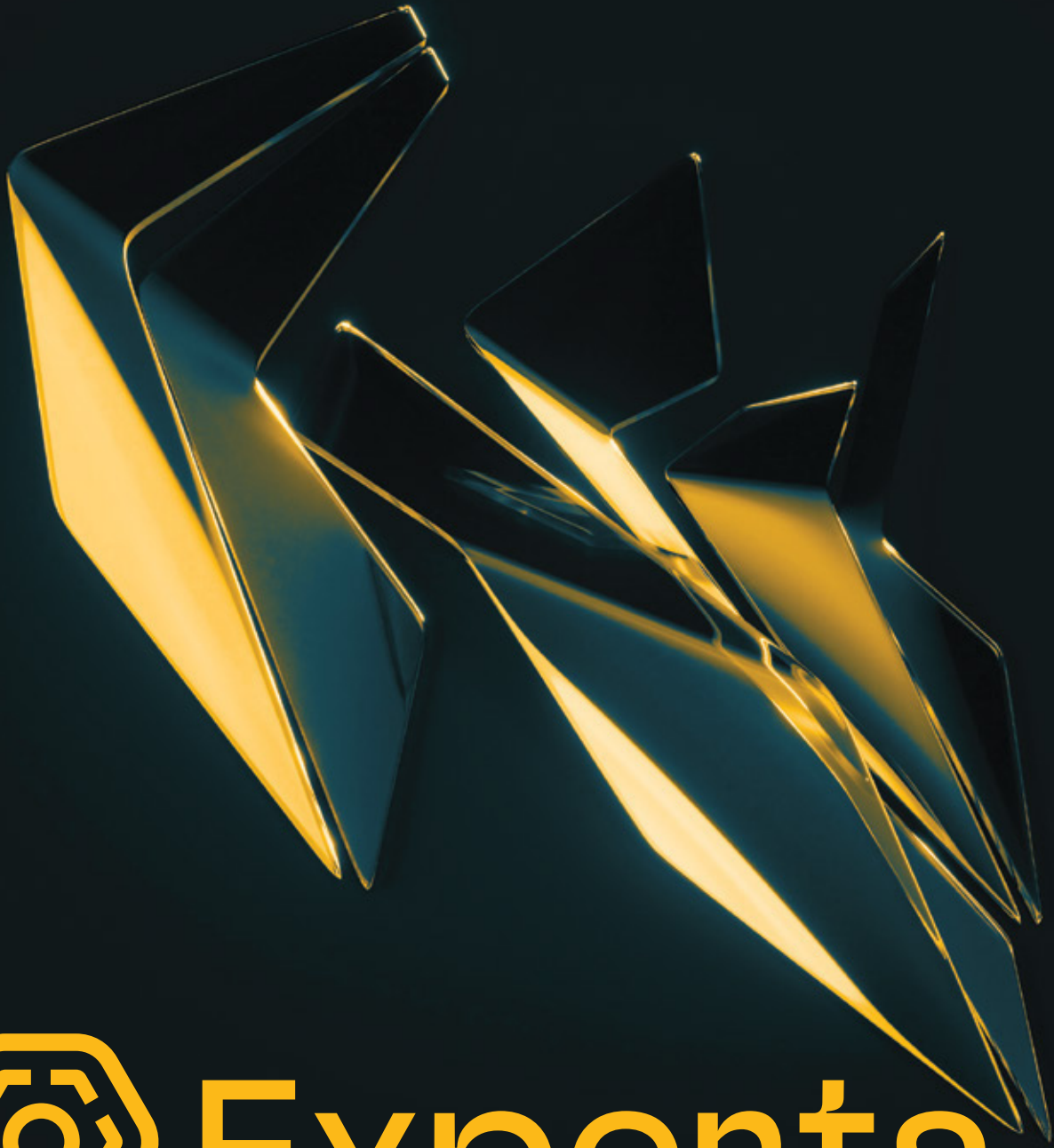


Exp

erts Precision
in Every Die

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Experts

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2nd Industrial Zone

6th of October City,
Giza, Egypt