



Die Casting & Machining Parts

Specialists in aluminum and zinc die casting with cutting-edge in-house machining capabilities

Casting Facility: HPDC, LPDC & GDC
Capacity: 80 Tons ~ 800 Tons
Part Capacity: 100g ~ 10kg

Materials: Aluminum & Zinc

Machining Facility: 3, 4 Axis CNC Machines
Capacity: 200 Machines 650 ~ 1000mm
Part Capacity: 100g ~ 5kg

Materials: Aluminum, Steel & Iron



Dies & Mold Manufacturing

ATDMC is a cutting-edge facility equipped with CNC Machining Centers, EDMs, Die Spotting Facility, and a 3D Scanner (GOM – Germany) for inspection. Our skilled team specializes in manufacturing premium-quality Dies & Molds, including those for High-Pressure Die Casting, Gravity Die Casting, Plastic Injection, and Cast-Iron Foundry.

- High Pressure Die Casting Molds
- Gravity Die Casting Molds
- Plastic Injection Molds
- Cast Iron Foundry Dies
- CNC Machining Centers
- EDMs
- Die Spotting Facility for large molds assembling
- 3D Scanner (GOM – Germany)
- Gas Nitriding NH₃ / Hardening Furnaces (Seco Warwick)

Materials: H13, D2, S45C & FC 450



Pioneer in Automotive Parts Manufacturing



Brochure



Website

Registered Office
2nd Floor, Federation House,
Sharaf Firdousi, Clifton,
Clifton Road, Karachi,
Distt:Karachi, Sindh

Head Office & Karachi Plant
15th Mile, National Highway,
Landhi, Karachi.
Phone: (92-21) 35016921-4, 35015527
Fax: (92-21) 35011709

About Us

Atlas Engineering was founded in 1963 and awarded to a public listed company in 1968, with a focus on engineering & plastic component manufacturing.

Technical Collaborations

Atlas Engineering takes pride in its strategic technical collaborations with industry leaders. Together, we drive towards a future of cutting-edge automotive solutions and unparalleled quality.

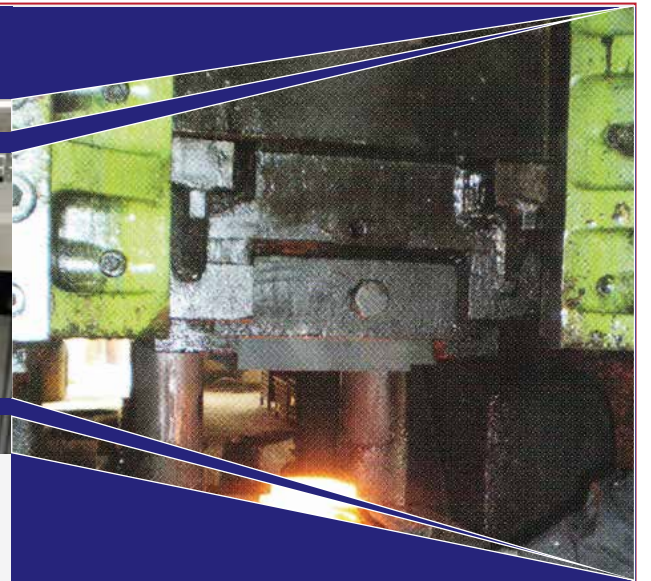


Certifications

1. ISO 14001:2105 | 2. ISO 45001:2018

Product Development Flow





Cast Iron / Sand Casting Parts

Our robust foundry setup, with substantial production capacity, showcases our commitment to meeting diverse manufacturing needs.

Facility: CI Casting/Sand Casting
Capacity: Product Range: 100g to 50kg
Capacity: 2180 metric tons per year

Materials: Cast Iron & SG Iron



Polymer Parts

Specializing in plastic injection molding & using cutting-edge robotic technology for premium-quality products. Our services include screen printing & advanced ultrasonic welding for efficient plastic component fastening

Facility: Injection Molding/Blow Molding
Capacity: 25 Tons ~ 500 Tons

Materials: ABS, PP, PVC, PE, PC & PU

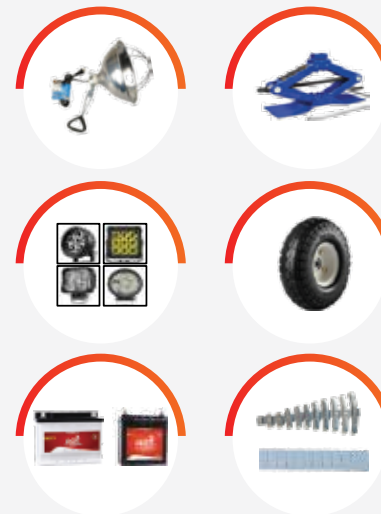


Customized Products

Our cutting-edge approach and customer-focused services enable us to offer a broader product range, enhancing customer satisfaction

Facility:

- Input Scanning
- Data Modeling
- Concept Design
- Simulations Analysis
- Prototyping
- Performance Testing
- User Acceptance
- Production Engineering



Forging Parts

Where craftsmanship meets cutting-edge technology. Our forging process blends traditional artistry with advanced techniques to meticulously shape durable, precision-engineered components

Facility: Hot Forging / Cold Forging
Capacity: H250 Tons ~ 2,000 Tons & C 100 Tons ~ 630 Tons

Materials: Carbon Steel & Alloy Steels

