

Aluminium Extrusions Made Easy



GALCO[®]
Aluminium Extrusions Made Easy

Founder of The Company



Late Mr. Rajendraji Motilalji Lodha

Managing Directors Of The Company



Smt. Sujataji Rajendraji Lodha



Mr. Sandesh Rajendraji Lodha



Mrs. Deepika Sandesh Lodha



Introduction:

Founded in 2007, GALCO has rapidly grown to become a trusted name in the aluminium industry. Headquartered in Ahilyanagar, in the state of Maharashtra, India. Our state-of-the-art manufacturing facility utilizes advanced technologies and processes to produce a diverse range of aluminium profiles tailored to meet the specific needs of various industries, including construction, automotive, aerospace, transportation, solar energy, defence and electronics.

Our company is dedicated to sustainable energy solutions. This is achieved through advanced German technology solar panels that has capacity to generate 1MW energy. We strive to increase energy capacity up to 2MW energy in coming years.

Our Mission:

Our mission is to be a leading provider of innovative and sustainable aluminium solutions that empower our customers and enhance their operations.

Our Vision:

Our vision is to revolutionize industries through technological innovations. High-tech skills are the backbone of our operations.

Our Social Responsibilities:

We are dedicated to giving back to the community to make a positive impact. We organize charity run to support health, education, and environmental sustainability program.

Together, we aim to build a sustainable future through the power of aluminium.

Production Capacity of Company:

GALCO has procured facilities such as **extrusion press** from Taiwan and **casting hot top system** from China. Our company possesses five lined specialized operational aluminium extrusion presses - 600MT, 1100MT, 1800MT-(1) and 2200MT-(2). **Our upcoming projects plan for expansion and addition of three high tonnage extrusion press.** The extrusion capability includes 300mm C.C.D. (Solid) and 200mm (Hollow). Also, profile with bigger C.C.D. up to 280mm can be taken as special development product. GALCO manufactures aluminium extrusion profiles 21,000 MT/year and targets for higher production in coming years.

We have our own inhouse **melting furnaces** that uses hot top casting technology with latest melting holding heating systems equipped with automatic thermal controllers.

Spectrometric analysis is employed to characterized the chemical composition to achieve high grade alloy.

Ageing thermal treatment is utilize to obtain aluminium profiles of uniform properties.

Quality Accreditation and Certificates:

At GALCO, we pride ourselves on our rigorous quality control measures. Every aluminium profile we manufacture undergoes thorough testing to ensure it meets the highest industry standards. Our dedication to quality is complemented by our use of eco-friendly practices, ensuring that our manufacturing processes are not only efficient but also environmentally responsible.



ISO Certificates: ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018

BIS Certificates: IS 733 | IS 1285

Our Team:

At GALCO, we take pride in our dedicated workforce, comprising 300 laborers in our manufacturing units and 100 skilled professionals' expertise in aluminium manufacturing and design, allowing us to provide exceptional customer service and technical support.

We believe in building strong relationships with our clients, listening to their needs, and delivering products that exceed their expectations.

Manufacturing Services:

- **Die Design and Development**

We prioritize the privacy and confidentiality of all our clients, ensuring that their designs and proprietary information are protected throughout the entire design and production process.

GALCO possesses fully equipped **die shop** for the manufacturing of **extrusion dies**. Our experienced engineers work closely with clients to develop custom die designs that meet specific requirements. We utilize advanced CAD software and UK imported modern software for die designing and simulation to create precise and efficient die designs, ensuring optimal production outcomes. GALCO has established consultation chain with technical experts from Taiwan and China for die design and development.

Our **die library** comprises over 2800 shapes used in various industries. Maximum yield with minimal dies is achieved efficiently.

- **Fabrication**

GALCO also offers fabrication services, including cutting, bending, and assembly of aluminium profiles. Our skilled fabricators use advanced machinery and techniques to deliver high-quality finished products that are ready for installation.

- **Anodizing**

We provide anodizing services that enhance the surface of aluminium profiles, improving corrosion resistance and aesthetic appeal. Our anodizing finishes are available in various colors and textures, allowing clients to achieve their desired look and functionality.

We have established a comprehensive anodizing plant yielding 2400 MT/year high quality aluminium products. This is achieved through advanced German technology, manufactured & installed by Chinese experts.

- **Packaging**

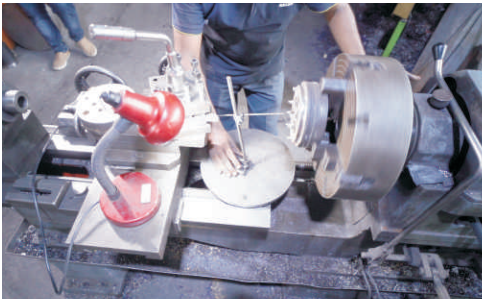
We ensure secured and durable packaging options. Our company's packaging ensures product safety during transportation. We also design customize packaging solutions for unique products.

Various Sectors:

In different alloys, we can offer below-mentioned range of extruded profiles

6063(63400) [H9] 1050 (19501) [E.C.]
6061(65032) [H20] 6005(62400)
2014(24345) [H15] 6351(64430) [H30]
6101(63401) [91E] 3003 (31000)

- **Electrical and Electronics**
Heat Sink, LED, Resistor, Electrical and Heat Exchanger etc.
- **Structural and Architectural**
Green House, Architectural and Hand Rail etc.
- **Building and Construction**
Facade and Curtain Wall, Modular Furniture, Hardware and skirting and Scaffolding and Form work etc.
- **Geometrical Shapes**
Round Tube, Square Tube, Square Bars, C-Channel, U-Channel, Flat Bar, Hex-Bar, Hex-Tube, L-Angle, Rectangular Tube and Round Rod etc.
- **HVAC**
Air Filters, AC Grills, Air Handling Unit, Clean Room, HVLS, Thermal Break and Louvers etc.
- **Consumer Products**
Door Closer, Ladder, Luggage, Drapery, Kitchen Cabinet, Shutter, Textile and Venetian Blinds etc.
- **Super Profiles**
Sliding Window, Hinges, Angular Tube, Door Sections and Partition etc.
- **Industrial Sections**
Motor Body, Fencing and Automation, Defence and Cryogenic etc.
- **Solar Profiles**
Solar Roof-Top, Solar Water Heater and Photovoltaic etc.
- **Transport Sections**
Roof Carrier and Radiator etc.





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Together, we aim to build a sustainable future through the power of aluminium.