



Bimal
Truly International

BIMAL GROUP

LEADING
ALUMINIUM
EXTRUSION MANUFACTURERS

★
WE SERVE THE BEST QUALITY



40 YEARS
EXPERIENCE
IN MANUFACTURING

www.bimalextrusion.com
www.bimalindia.in



40 YEARS EXPERIENCE IN MANUFACTURING



Bimal Aluminiums Pvt. Ltd.(BAPL) is an ISO 9001:2015 Certified company, one of leading manufacturer and Exporter of ALUMINIUM EXTRUSION PROFILES/SECTIONS & ALUMINIUM ALLOY MILK CANS since 1984. The Company has facility for manufacture of aluminium extruded products at its factory located at YAMUNANGAR (HARYANA, INDIA).

The Company has two extrusion lines with hydraulic presses of capacity 1050 MT & 750 MT to cater to a very large range of extrusions. Our annual production capacity is 4500 MT with these presses.

We have developed many extrusion profiles from simplex to complex for different-2 applications with the possible combination of Alloy, Tempering, Weight & Shapes.

Our Commitment to quality is evident from the facts that we manufacture the products in accordance with the relevant desired standards such as BIS, DIN, BS, ASTM & as per the customer requirement.

We are Manufacturing Many Profiles Such as :-

- ✓ Solar Sections
- ✓ Transport Sections
- ✓ Scaffolding
- ✓ Architectural Sections
- ✓ Bar Sections
- ✓ Façade Sections
- ✓ Ladder Sections
- ✓ Hardware Sections
- ✓ Sliding section
- ✓ Electrical Sections
- ✓ Custom Made



EXTRUSION CAPABILITIES

**ALUMINIUM EXTRUSION
HYDRAULIC PRESS 1050 MT**



**ALUMINIUM EXTRUSION
HYDRAULIC PRESS 750 MT**



The Company has Two Extrusion Lines with modern PLC Controlled presses which can extrude section upto 110 MM CCD(Solid) & 100 mm(Hollow). The Annual Capacity with this presses is 4500 MT.

AUTOMATIC MATERIAL HANDLING SYSTEM

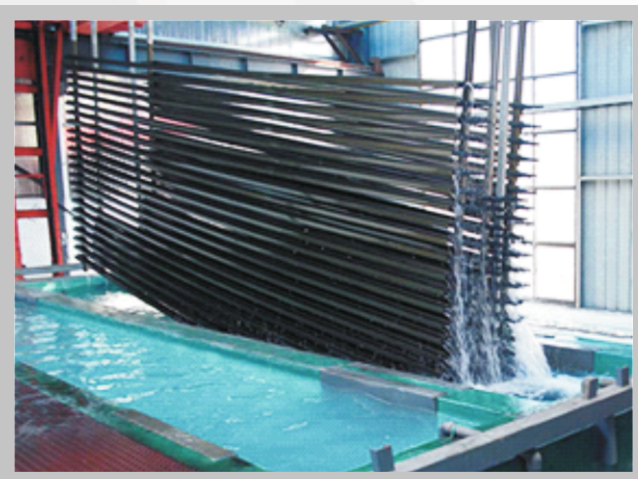


SHOT BLASTING MACHINE



Shot blast machine is designed to remove the Aluminium die marks from Aluminium extrusion profile. This process gives a uniform surface finish to aluminium profile. Surface finish can be adjusted as per application demand like for solar, architectural, hardware, industrial etc. As it's a mechanical process, we get a uniform surface finish every time we process the aluminium extrusion profile..

APPLICATIONS :- Solar Frame profiles, Railing profiles, LED, Façade, Architectural profiles Etc.



ANODIZING UNITS :

Bimal Extrusion has in house anodizing facility in silver matt finish with good finish.

We are providing anodizing facility from 6-22 microns with maximum long section up to 6 meters.

POWDER COATING UNIT :

The Company has powder coating unit with two stations.

We are offering color coating in Matt Brown, ivory P Yellow and Grey texture.



Tool Room Facility:

Extrusion dies are essentially thick, circular steel disk containing one or more openings to create the desired profiles. They are normally contracted from H13 and Heat treated to withstand the pressure and heat of hot aluminium. Die is the heart of extrusion press. Bimal Aluminiums have own tool room in-house facility to ensure to deliver the material with in committed time to our valuable customers.

The Dies shape and size using manually controlled Machine tools such as Lathe Machine, EDM. Ammonia Nitriding furnace for dies ensures bright surface of the profiles to achieve good finished product.

We have Die bank of more than 300 Nos and adding new as per market requirement. Manufacturing 50 Dies per month.

EXTRUSION DIE



MILLING MACHINE



LATHE MACHINE



EDM M/C



Quality Testing Facility At Our Unit :

Our quality control facilities includes Hardness Testing machine (Webster & Rockwell HRBW), Conductivity meter, Micron meter, Vernier Caliper, Pin Gauge, UTS & Direct Vacuum emission spectro meter for chemical composition of alloys Etc.

MICRON METER MACHINE



BRINAL HARDNESS MACHINE



WEBSTER HARDNESS MACHINE



UNIVERSAL TESTING MACHINE



RAW MATERIAL :

Raw material for melting we are procuring from reputed supplier NALCO/Vedanta

FOUNDRY SHOP :

Bimal have Two Melting furnace with capacity of 3000 Kgs and 5000 Kgs. we develop many alloys such as 6063, 6351, 6005, 6061, 6082 & other customize alloys. Our Hot top casting flexible to cast 4 inch and 5 inch Log Dia.



OUR INFRASTRUCTURE :



- ✓ **Two Hydraulic Extrusion Presses of Capacity 1050 MT & 750 MT.**
- ✓ **Two Melting furnaces with capacity of 3 & 5 Metric Tons.**
- ✓ **Die Tool Room equipped with Latest machinery.**
- ✓ **Powder Coating unit.**
- ✓ **Anodizing facility up to 20 Microns & 6 meters Long Sections.**
- ✓ **Gas Fired Aging Oven which eco friendly to Environment.**
- ✓ **Shot Blasting Machine**



CONTACT FOR INQUIRY

Manufacturer & Exporter :
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