

# PUTTING OUR EXPERIENCE BEHIND YOU

The doors of our company are wide open for any collaboration.

Contact us today!

**APEX**  
ALUMINIUM EXTRUSIONS

Apex Aluminium Extrusion Pvt Ltd  
5, Sansar Chandra Road,  
Opp. Amber Tower, Jaipur-302001,  
Rajasthan, India

Phone: +91 141 404 5777  
Mobile: +91 90018 97440

Email: chinmay@apexaluminium.com  
Web: www.apexaluminium.com



**alugold**  
aluminium profiles

**APEX**  
ALUMINIUM EXTRUSIONS

# PRECISION ENGINEERED

Apex Aluminium Extrusion Pvt. Ltd. is one of the fastest-growing manufacturer of premium-quality aluminium extrusions.







## ALUMINIUM – VERSATILE, SUSTAINABLE, & RECYCLABLE

The most abundant metal on earth, aluminium is Apex's metal of choice. As the 'greenest' metal on earth, aluminium has replaced conventional materials such as steel, wood etc. to emerge as the most preferred material for building, construction, medical, defence and a host of industrial applications.

## WE UNDERSTAND ALUMINIUM

Apex produces highly precise aluminium extrusions to meet the rigorous needs of quality-conscious companies. Established in 2010 by the Agrawal Group of Companies, Apex Aluminium Extrusion Pvt. Ltd. has carved a niche for itself as a dominant player in the manufacturing of extrusion profiles for a host of industries - architectural, industrial, furniture, transport, electrical, lighting, solar, hardware etc.

Sprawling over 82000 sq meters, the plant is professionally managed by a team of 125 plus employees. It is outfitted with state of the art machinery; follows well mapped manufacturing processes and the latest technical know-how to produce extrusions of unmatched quality.

Apex's infrastructure includes in-house foundry for billet casting, die shop, ; two state-of-the-art extrusion presses backed with a testing lab to ensure complete customer satisfaction with the delivery of the quality product.

At Apex we also offer a host of value-added services to our customers, such as Anodising, Powder Coating and Machining. Customer delight is not just a declaration but a way of life at Apex.



## A LEADER IN EXTRUDED PROFILES

Established in 1970, the family-owned Agrawal Group is a market leader in the manufacturing and trading of all kinds of aluminium profiles.

However, that is just the beginning of what we do. We supply a host of services from design assistance to customized packaging in our products to make your aluminium extrusion experience completely worry-free.

Alugold is our brand under which we offer highly precise, superior quality, customized aluminium profiles and other components for a host of industries.







TODAY'S  
PROJECTS ARE  
TOMORROW'S  
LEGACY...

## OUR VISION

Organic growth with an eye on maintaining the company's competitiveness in the domestic and international markets, while promoting principles of long-term sustainability.

## OUR MISSION

To make Apex synonymous with premium-quality aluminium products, globally.

To complement and support the ever-growing demand for design and manufacturing of aluminium profiles internationally.

To continuously invest in infrastructure and technical expertise and be a leader in the industry creating new standards of quality and service to drive the organization's overall growth.

## WE OFFER CUSTOM DIE DESIGNING AND MANUFACTURING

We understand that die and mould lies at the heart of aluminium extrusion manufacturing. Apex designs all its die/mould in-house. Our well-equipped die shop is equipped with the latest state-of-art facilities including:

- Machining centers equipped with computer-aided design and computer aided-manufacturing (CAD-CAM)
- CNC wire cut
- EDM machines

Our clients see us as a competent and reliable partner for not just aluminium supplies but development work as well.





## LATEST EQUIPMENT TO PRODUCE CONSISTENT RESULTS

We ensure melts of the highest purity using sophisticated processes, double filter systems and online metallurgical analysis. Our state-of-the-art operational control systems guarantee indispensable process consistency and traceability of each individual batch.

Our in-house Foundry maintains a closed material cycle in which waste production is almost zero. All our scrap is reused by returning it back to the production line and hence contributing to a greener tomorrow.

In addition, we have the ability to manufacture a wide range of alloys to cater to a vast spectrum of aluminium segments. We balance our manufacturing goals with our commitment to the environment by installing environment control equipment.



## TAILOR-MADE TO SPECS

Our extrusion plant produces aluminium profiles to order. Aluminium extrusions come in all shapes and sizes so at Apex, we stock a wide range of standard and custom-made aluminium extrusions. We have access to thousands of standard extrusion dies so can customize to any specific requirements. From hollow tubes, solid shapes to the most detailed intricate extrusions, we have catered to the demand of our customers in India as well as overseas markets. We have established customers in USA, Germany, France and Netherlands to name a few. Call Apex to see how partnering with us can bring you value.





# TECHNICAL INFORMATION SHEET

## EXTRUSION

Parameters	Press 1	Press 2
Force (US Ton)	1460	700
Billet Dia. (mm)	152	102
Max Size Solid Profile	180 CCD	120 CCD
Max Size Hollow Profile	130 CCD	60 CCD
Max. Kg/mtr	10 kg./mtr	2.2 kg./mtr
Production Capacity	5000 MT / Annum	

Alloys	1050, 1100, 6063, 6061, 6082, 6101, 6351 etc.
Tempers	T4, T5, T6
Cut Length	3mtr to 7mtr.
Standards Followed	EN 755-9, EN 12020-1, EN 12020-2

## ANODISING

Microns	10 to 25
Colors	Natural Champagne Bronze Black Gold (Brass) Stainless Steel
Textures	Polished Brushed Shot Blasted
Max. Length	6mtrs

## POWDER COATING

Microns	60 to 80
Colors	All RAL Shades Non Metallic / Metallic
Gloss	High / Semi / Matt
Max. Length	6mtrs

## ELECTROPLATING

Microns	8 to 15
Colors	Chrome Nickel Brass Stainless Steel
Textures	Polished Brushed Satin Antique
Max. Length	3.6mtrs







## WITH QUALITY AS OUR BUZZWORD

When you deal with Apex, high quality is the obvious deliverable. Our years of experience in this industry have given us a unique problem-solving approach through a deep understanding of our customers' needs. With our regular investments in the latest technology, modern machines and well-qualified personnel, we have standardized our production processes to yield consistently, high quality products for our customers.

Our operations comply with the certified ISO 9001:2008 quality system. Built-in quality check points, comprehensive in-process inspection devices; rigid quality control systems - all ensure that the end product achieved is of the highest standard possible.



## ENHANCING VALUE THROUGH SURFACE FINISHING

Apex has nearly four decades of expertise in the surface treatment of aluminium. We offer a comprehensive range in profiles that are either anodized, electroplated or powder-coated, as required. By carrying out elaborate testing, laboratory experiments and close collaboration with independent research institutes we have managed to achieve very high quality bars for ourselves.

Our powder-coated, electroplated and anodized finishes are highly sought-after because they are:

- Available in multiple colours
- Available in several textures (polished, brushed, satin and shot blasted)
- Environmental-friendly
- Colour consistent, and
- Provide better protection in high-traffic zones, where there is a lot of wear and tear







## FABRICATING TO PERFECTION

Our associates in the Fabrication department produces a broad spectrum of components that meet the rigorous, individualized needs of today's quality-conscious companies. Our fabrication division offers a slew of value-added services, such as precision machining, stamping, special cut lengths etc. Apex's in-house Fabrication will co-ordinate with the supply chain so you have more time to focus on your core business.



## OUR PERSONALIZED SERVICE EXTENDS TO PACKAGING

Your products need to be delivered to your dock in excellent condition. By clearly understanding your needs, we assure you that the selected packaging solution is ideal for your products.

Our aim is not only to make it the way you want, but to even pack it to suit your needs. Our packing options and shipping methods are geared to ensure material quality and customer satisfaction





## SALES AND DISTRIBUTION NETWORK

Over the period of 40 years Agrawal Group has established a strong and wide network of partners who stock a wide range of our regular and custom made profiles. We can also deliver to any part of the country and international waters in short lead times.



# OUR PEOPLE MAKE US WHO WE ARE

Organizations have employees, we have associates. We adopt the policy, mission, vision and the strategic aim of the company as our personal cause and we work dedicatedly towards their achievement.

We believe that work is more than a place you go to every day. It's a place of exploration, creativity, professional growth and interpersonal relationships. It's about being inspired and motivated to achieve extraordinary things and bringing out the best in each other. We empower them to utilize their talents, skills, knowledge, experience and passion through regular interactive training sessions. In addition, we are committed to providing a safe work environment to our employees.