



Inspiring Excellence in Aluminum Extrusions



WHO WE ARE

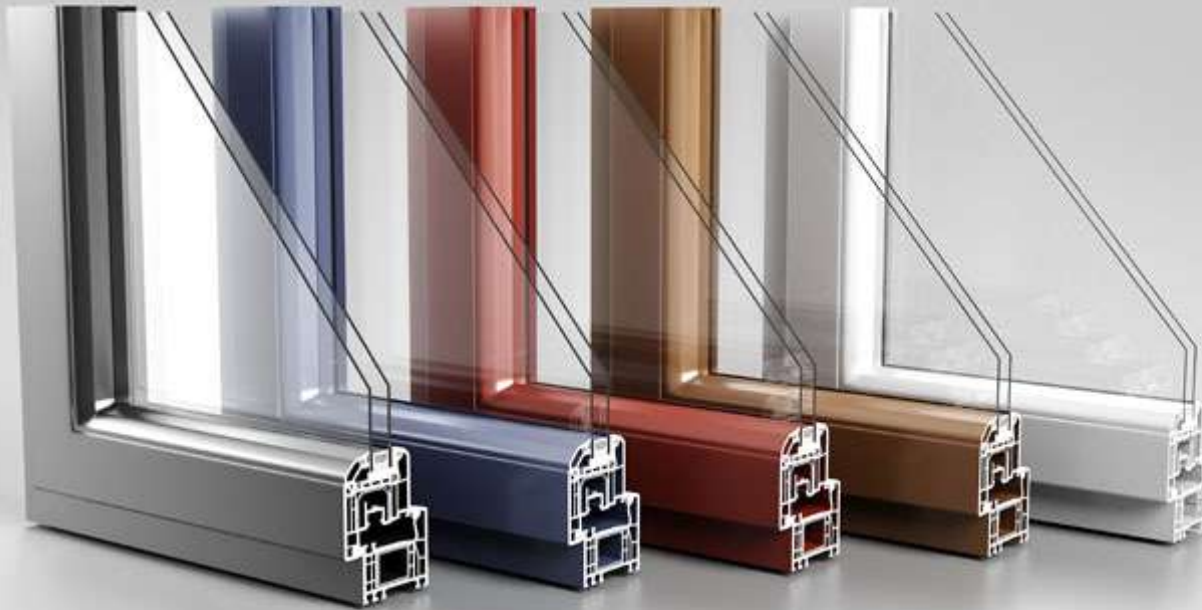
Excellence Engimac is an aluminum extrusion company with a vertically integrated value chain that includes casting, extrusion, machining, surface treatment, kitting, and assembly of aluminum profiles. From customized extrusions to fully fabricated components, our experts help design, extrude, and manufacture the parts that "shape" your world.

WHAT WE DO

We have two aluminum extrusion lines with a total capacity of 700 metric tons per month, complemented by an in-house billet casting foundry that produces aluminum alloys meeting international standards and specifications. Our specialization in high-quality, precision aluminum extrusions is supported by an experienced R&D department.

Our infrastructure includes a customized fabrication workshop, a large automatic shot-blasting unit, a PLC-operated anodization line with electro-coloring capabilities, and facilities for automatic spray powder coating, wood finish, and PVDF coating.

Our brand, INEX, manufactures top-quality aluminum frames and hardware for solar panels. If you seek a long-term solution for structural support of your PV modules, high-quality aluminum solar frames from INEX are precisely what you need.



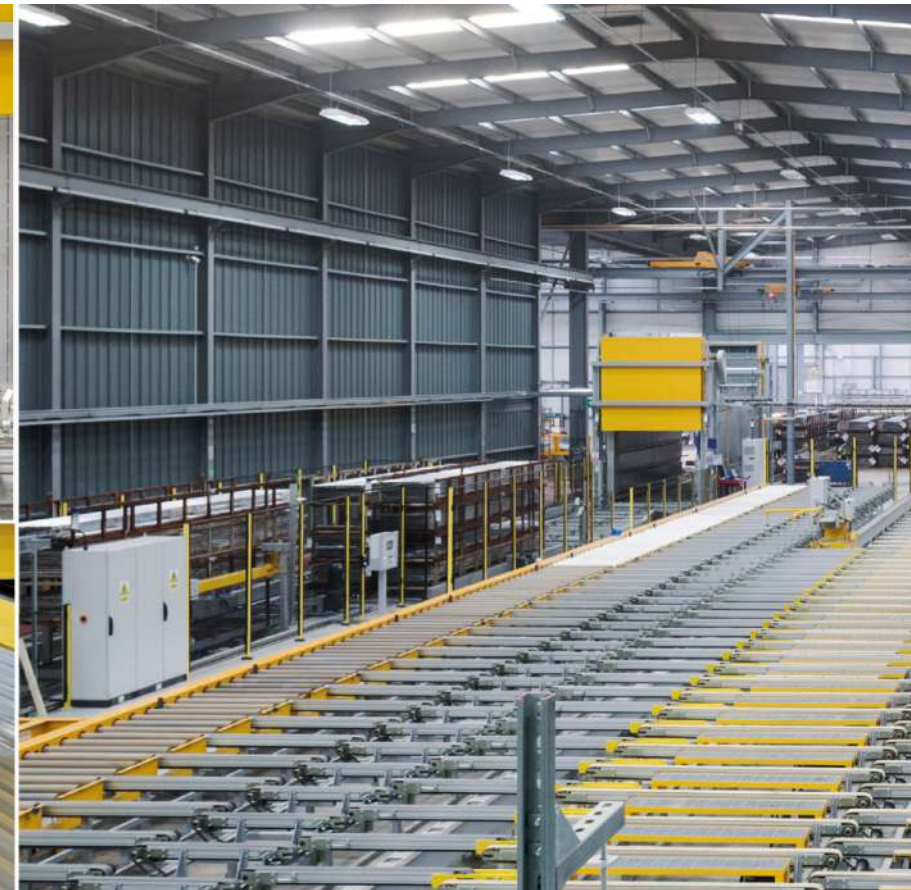
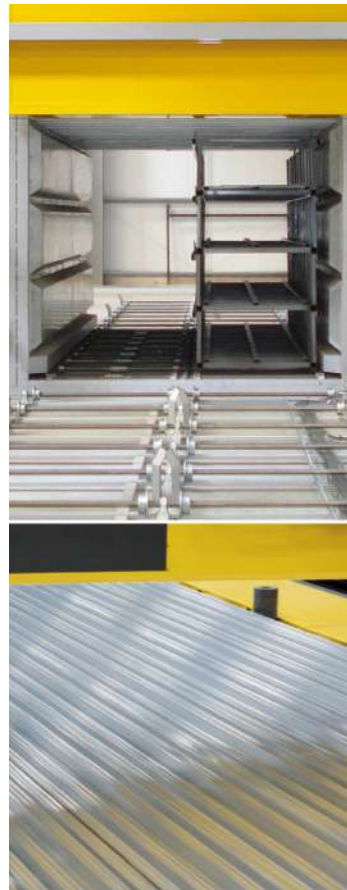
CASTING

- Our in-house hot-top casting foundry uses oil-fired melting to produce 127 mm billets, employing a ceramic filtration technique.
- We offer alloys that meet both Indian and international standards, complete with corresponding test certificates.
- Our facilities include an in-house quality testing machine and a dedicated R&D department.



EXTRUSION

- Variety of profiles with a maximum diameter of 150 mm and a minimum wall thickness as low as 0.35 mm
- Dimensional tolerances as per relevant specifications
- Well-equipped tool room for maintaining dies with high accuracy
- 10-meter-long aging furnace for heat treatment, with controlled aging at specific temperatures to achieve the correct tempers as per project requirements
- Customized packing options (HDPE, taped, or otherwise)
- Proper edging and finishing of goods

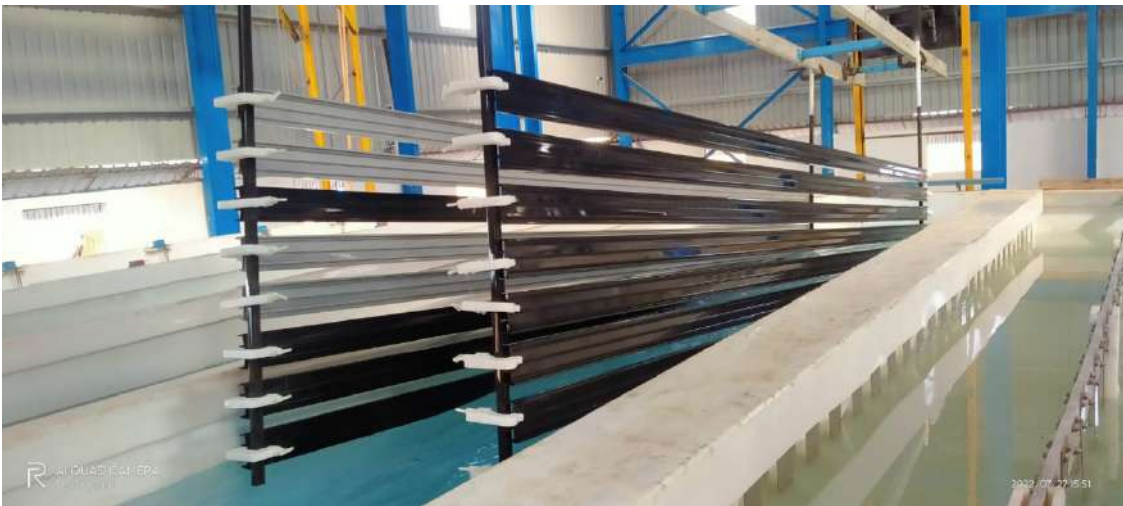


ANODIZING

- 16 MT per day PLC-controlled anodizing/electro-coloring plant for uniform coating thickness
- 8-gun fully automatic shot blasting machine
- Fully automatic buffing and polishing machine for achieving a proper finish – natural, matte, and bright
- Available colors: titanium, champagne, bronze (light, medium, dark), black
- Maximum section length: 7 meters
- 23-tank system designed to meet all anodizing thicknesses and specifications, including mil and AAMA standards

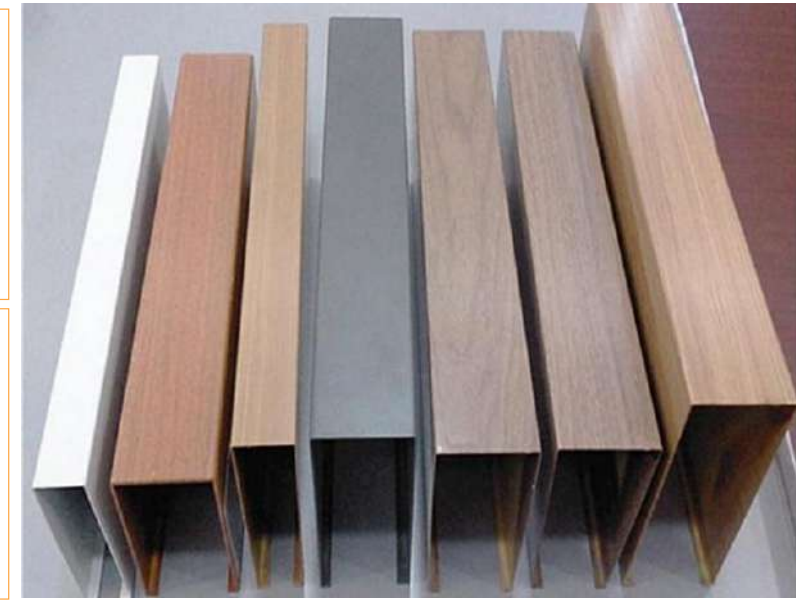
POWDER & PVDF SPRAY COATINGS

- 5-stage wash and pre-treatment system to clean and prepare surfaces for both liquid and powder paint finishes
- In-line moisture dryer on a fully automatic conveyor spray system with best-in-class recovery and effluent treatment system
- Strong quality assurance through visual inspection using a color meter, mil thickness, gloss test, bend and impact performance tests, pencil hardness, cross-hatch adhesion, and MEK resistance testing, all in compliance with international standards
- 3-coat and 2-coat PVDF (Polyvinylidene fluoride) spray system with a water draft effluent recovery system to meet international AAMA standards



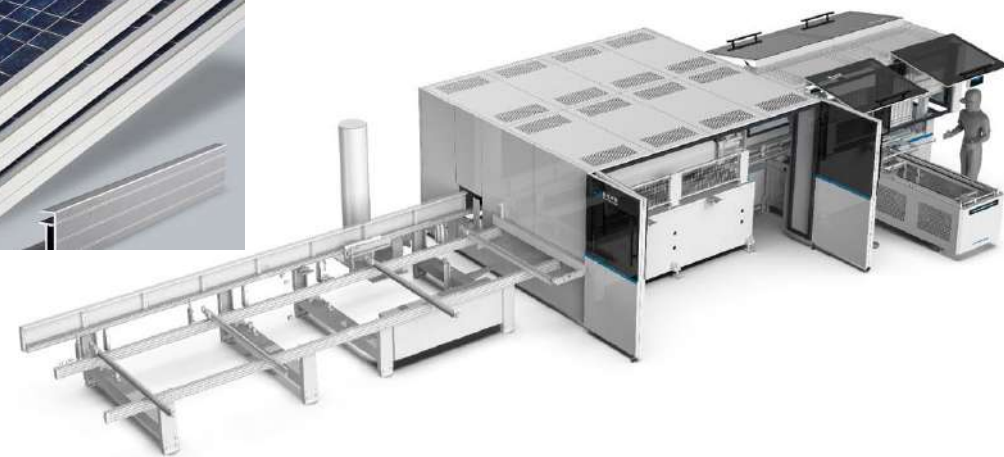
WOOD & STONE GRAIN FINISH

- Decorative finishes that replicate natural materials such as woodgrain, marble, stone, or any custom image on aluminum using the sublimation process
- 96-nozzle, 7-meter-long oven with over 40 color shades and wood/stone grain textures
- Achieve your preferred finish on a wide range of products, including doors, windows, lighting, handrails, furniture, flooring, fencing, shutters, signage, advertising objects, and more



FABRICATION & SOLAR FRAMES

- Well-equipped fabrication workshop for cutting, drilling, punching, and tapping of aluminum profiles
- Manual and auto-feed up-stroking cutting machines, as well as pneumatic and hydraulic punching machines, to meet various machining requirements
- Best-in-class fully automatic aluminum extruded solar module frame cutting and punching machine



QUALITY STANDARDS

Strong quality standards are continuously improved through world-class testing and inspection facilities, including hardness testing, computerized UTM, conductivity meters, spectrometers, and dimensional inspection

PACKAGING OPTIONS

Customized packaging options such as shrink wrap, protective tapes, and HDPE or PP bags to safeguard profiles and the surface of finished products

EFFICIENT OPERATIONS

Intelligent warehouse management technology for efficient operations

ENVIRONMENTAL STANDARDS

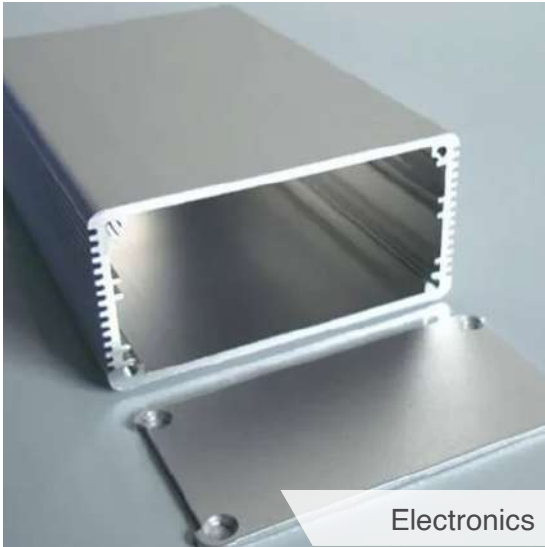
Approximately 20,000 sqm of plant and warehouse infrastructure built to the latest industry and environmental standards

EXPECTATIONS AND ACHIEVE

Our behind-the-scenes capabilities enable us to exceed expectations and achieve “EXCELLENCE” beyond extrusions



HIGH-QUALITY ALUMINUM EXTRUSIONS FROM INDIA: MADE FOR YOUR INDUSTRY



Electronics



Solar Panels



Aerospace



Transport and EV



Defence



Architectural



Modular-Furniture




Automotive



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