

Thinking differently.
Challenging our expertise
every day.

SALCO Aluminum Extrusions: Precision Engineered Since 1980

Technology, Experience, and
Expertise for India's Most
Demanding Industries.



A National Footprint Built on Four Decades of Scale



We rely exclusively on premium-quality raw materials to manufacture and deliver an unparalleled range of standard and bespoke extrusions across the subcontinent.

1980

Year Established as a leading Indian manufacturer

6,000 MT

Annual Extrusion Capacity

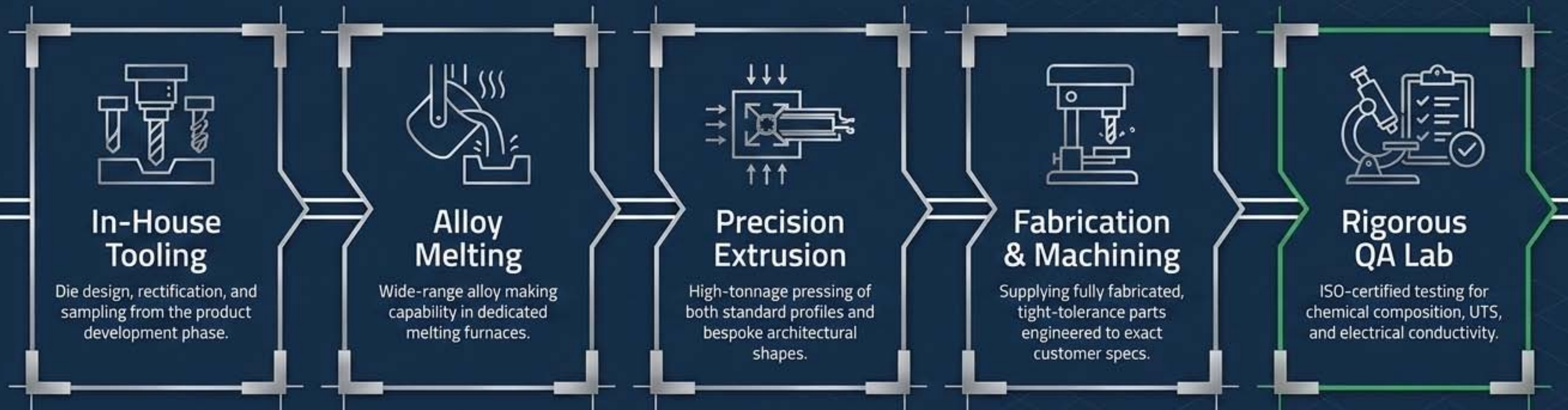
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Heavy Extrusion Presses in Operation

12,000+

Custom Dies in Active Inventory

The Vertically Integrated Value Chain



Infrastructure Scaled for Heavy Industrial Demand



Engineered for continuous throughput up to 6,000 MT annually.



Operational presses scaled for varied profile complexities. Tonnage capacities: 700 Tons, 1100 Tons, and 1250 Tons.



Advanced wide-range alloy melting furnace ensuring exact metallurgical consistency before the extrusion process begins.



15,000+
Custom Dies Made

Comprehensive Metallurgical & Material Capabilities

	M	O	T4	T5	T6
1xxx	✓	✓	✓	✓	✓
2xxx	✓	✓	✓	✓	✓
3xxx	✓	✓	✓	✓	✓
5xxx	✓	✓	✓	✓	✓
6xxx	✓	✓	✓	✓	✓
7xxx	✓	✓	✓	✓	✓



Supplied in straight lengths up to 7 Meters.

Available in continuous Coil Form for optimized high-volume downstream manufacturing.

Product Portfolio: From Standard Geometries to Bespoke Profiles



Custom Design Products

Specialized **custom extrusions** engineered directly alongside the client's product design development phase. Capable of executing intricate **multi-void** and **high-surface-area** profiles.



Standard Products

High-volume manufacturing of industrial staples including **Angles, Rods, Pipes, Heat Sinks,** and **T-slots.**

Advanced Precision: The Round Bar Draw Process

A newly added, specialized capability engineered explicitly for Defense and Automobile manufacturers requiring exceptional consistency.



Size Range

Extruding round bar diameters from 6mm to 60mm.

Solid Hex Bars

Successful trials completed on solid hex geometries.

Fabrication Ready

In-house machining capabilities to supply fully fabricated parts directly to customer assembly lines.

Certified Precision: Tight-Tolerance Delivery

For high-stakes applications, **micro-millimeters** define success.
We guarantee extremely tight dimensional stability on drawn bars.

Bar Diameter (mm)	h6	h7	h8	h9	h10	h11	h12
Up to 3	-0.015	-0.025	-0.010	-0.025	-0.050	-0.075	-0.300
Up to 5	-0.040	-0.050	-0.040	-0.050	-0.070	-0.090	-0.060
Up to 7	-0.075	-0.060	-0.080	-0.100	-0.090	-0.100	-0.125
Up to 10	-0.060	-0.090	-0.100	-0.125	-0.150	-0.170	-0.160
Up to 5, up to 13	-0.090	-0.100	-0.130	-0.150	-0.170	-0.200	-0.220
Over 10, up to 20	-0.020	-0.110	-0.170	-0.150	-0.200	-0.220	-0.240
Over 30, up to 50	-0.010	-0.160	-0.250	-0.170	-0.250	-0.270	-0.260
Over 50, up to 80	-0.000	-0.200	-0.300	-0.300	-0.300	-0.300	-0.300

Consistently achieving h9 to h12 tolerances for custom fabricated parts, ensuring flawless integration into complex mechanical assemblies.

The Tooling Advantage: 12,000+ Custom Dies in Inventory



Massive Library

Over 12,000 active dies in inventory covering a vast range of product profiles.



In-House Tool Room

Highly skilled, dedicated team managing Die Design, Die Rectification, and Sampling.



Vacuum Heat Treatment

All dies undergo advanced vacuum heat treatment to maximize lifespan, yield consistency, and surface finish quality during the extrusion process.

Quality Assurance: Validating Every Specification

Our manufacturing process is strictly documented and ISO Certified, backed by a fully functional, modern Quality Control Lab.



**ISO
Certified
Process**



Testing Capabilities Matrix

Mechanical

Ultimate Tensile Strength (UTS)
and Hardness testing.

Chemical

Strict chemical composition
verification.

Electrical

Precise electrical conductivity
testing for utility-grade extrusions.

Engineered for India's Most Critical Sectors



Defense

Requires high-strength 7xxx alloys and h9 tight tolerances



Automobile

Requires precision round and hex bars for machining



Railways

Requires high-volume, continuous heavy profile extrusion



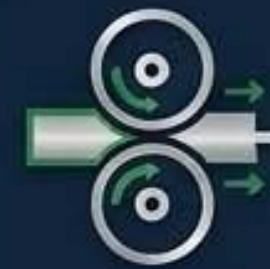
Electrical

Requires verified conductivity and complex heat-sink geometries



Architectural

Requires bespoke profile design and flawless surface finish



Printing

Requires absolute straightness and dimensional stability

Trusted by Industry Leaders

Our commitment to on-time delivery and unyielding quality has made us the preferred extrusion partner for prestigious corporations across the subcontinent.



Paras

Hex

Aplab

High-Volt

Our Four Cornerstones of Sustainability & Growth

Commitment

Committed to our customers, safe working environments, and sustained domestic & international growth.

Innovation

Continuing a long-standing history of bringing new thinking and advanced alloy products to market.

Excellence

Manufacturing and delivering an unparalleled range of quality products on time to set new standards.

Passion

Harnessing enthusiasm and resourcefulness across our entire organization to be better every single day.



SALCO Aluminum Extrusions

Technology. Experience. Expertise.



A trusted brand in the Aluminum Extrusion Market all over India.
Ready to challenge our expertise for your next project.