



*Darshan Extrusions Pvt. Ltd.*

ALUMINIUM-EXTRUSIONS

**REDEFINING ALUMINIUM**





# ABOUT US

## **Darshan Extrusions Pvt. Ltd.**

*Delivering Precision. Defining Performance.*

Incorporated in 2011, Darshan Extrusions Pvt. Ltd. is a trusted name in the aluminium extrusion industry, known for its engineering precision and manufacturing reliability. With over a decade of operational experience, we have built a reputation for delivering high-quality, custom-engineered aluminium solutions that meet the evolving needs of diverse industries.

Head office at Bhayandar West, Maharashtra, and operating from our state-of-the-art manufacturing facility in Silvassa (U.T), our company caters to a broad spectrum of sectors including Architecture & Construction, Automotive, Renewable Energy, Industrial Machinery, Aerospace, Consumer Electronics, Pharma & Medical industries and more.

With an annual production capacity of 9,000 metric tons - soon expanding to 15,000 metric tons and backed by cutting-edge infrastructure, in-house die development, and stringent quality control, Darshan Extrusions is positioned as a forward-thinking partner for domestic and international clients alike.



# VISION & MISSION

## Our Vision

To transform traditional market perceptions by guiding clients toward modern aluminium architectural designs that redefine design excellence, efficiency, and structural integrity. We envision becoming a globally recognized leader in aluminium extrusion solutions, shaping the future of infrastructure and industry through innovation, sustainability, and manufacturing excellence.

## Our Mission

To deliver precision-engineered aluminium extrusion solutions that empower modern infrastructure and sustainable technologies. We are committed to:



Excellence in manufacturing and product performance



Innovation in design and application



Integrity in every relationship and client satisfaction



Continuous growth while contributing to India's industrial progress and global competitiveness.



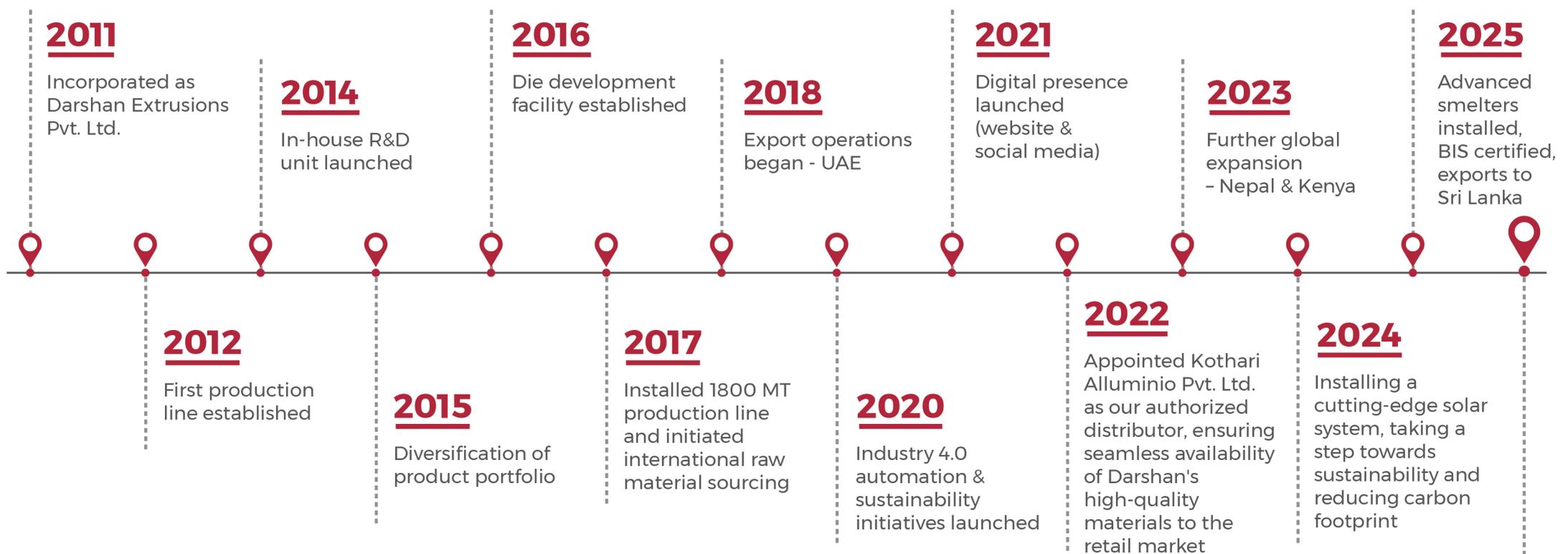
Sustainability in every practice



# OUR GROWTH JOURNEY

## Key Milestones (2011 - 2025)

A decade of innovation, expansion & precision.

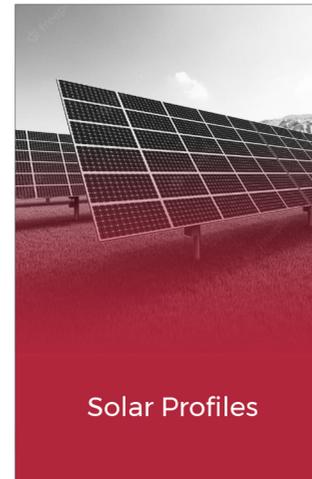
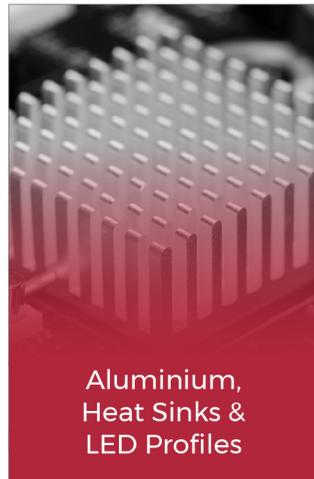


Upcoming Milestones	
Installation of two new extrusion lines	Commisioning of homogenizing furnace for microstructure refinement of our products
Planned market entry into the US and UK	Launch of the Darshan App to enhance client interaction and service efficiency



# PRODUCT & INDUSTRY SEGMENTS

## What We Make



## Industries we serve





# MANUFACTURING EXCELLENCE

**Manufacturing Facility Overview:  
Where precision meets performance.**

## 📍 Location

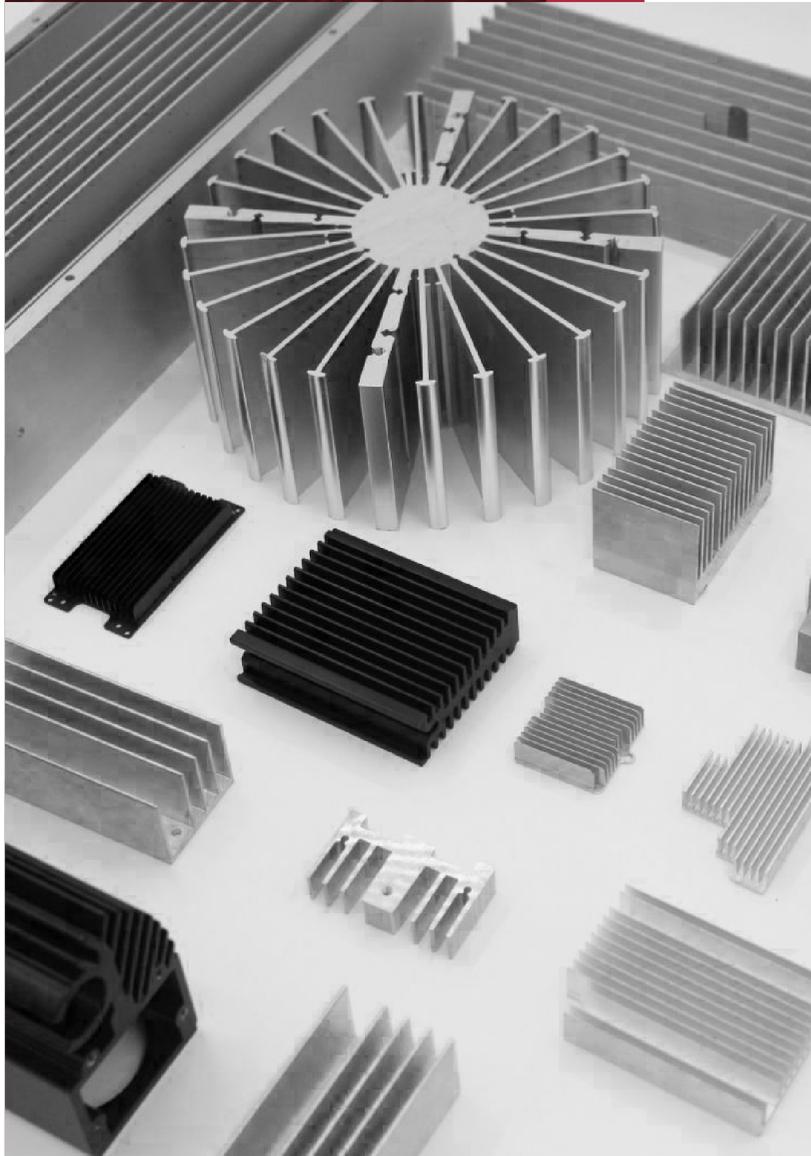
Silvassa, Dadra & Nagar Haveli  
Strategically located to serve both domestic & global markets.

## Facility Specs

- Total Area: 12,000+ sq. meters
- Current Capacity: 9,000 MT
- Planned Capacity: 15,000 MT

## Core Infrastructure

- 2 Aluminium Extrusion Presses
- In-House Die Development Unit
- CNC Machining & Surface Finishing
- Automated Material Handling
- Tool Rooms & Maintenance Facility
- Robotic Integration for Efficiency
- Advanced Furnace & Smelters





# MANUFACTURING PROCESS FLOW

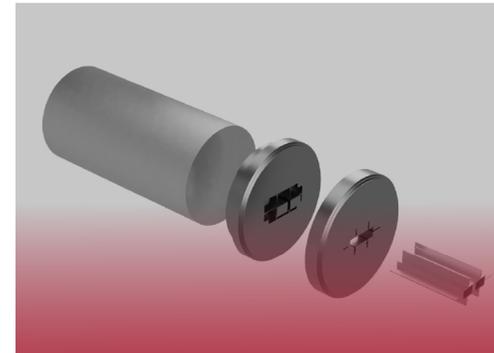
## Aluminium Extrusion - Step-by-Step



**Step 01**  
**Raw Material Casting**  
Melting, degassing & casting of aluminium billets



**Step 02** Preheating & Die Loading  
Custom die is preheated & loaded into press



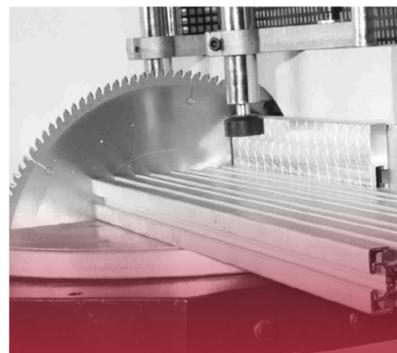
**Step 03**  
**Extrusion**  
Billet is pushed through die to form profile



**Step 04**  
**Quenching & Cooling**  
Rapid cooling to retain strength & shape



**Step 05**  
**Stretching**  
Profiles are straightened & stress-relieved



**Step 06**  
**Finishing**  
Cutting, machining & surface treatments



**Step 07**  
**Quality Checks**  
Dimensional, mechanical & surface inspections



**Step 08**  
**Aging / Tempering**  
Heat treatment to enhance mechanical properties



**Step 09** Packaging & Dispatch  
Custom packing + MTC, invoices & logistics



# QUALITY ASSURANCE

At Darshan Extrusions, quality is not a final checkpoint; it's embedded in every stage of the process.

## In-House Quality Lab

- **Pre-Production Testing: Raw material inspections**
- **In-Process Control: Real-time monitoring of temperature, pressure, and speed**
- **Post-Production Tests:**
  - Dimensional accuracy
  - Surface finish
  - Mechanical strength (UTS)
  - Electrical conductivity
  - Chemical composition

## Certifications

- **ISO 9001 : 2015 - Quality Management**
- **ISO 14001 : 2015 - Environmental Management**
- **ISO 13485 : 2016 - Medical-Grade Manufacturing**
- **ISO 45001 : 2018 - Occupational Health & Safety**
- **IS 733 : 1983 & IS 1285 : 2023 - Indian Standards Compliance**

## Continuous Improvement Practices

- **Predictive maintenance for critical tooling**
- **Regular staff training in QC procedures**
- **Customer feedback loops for process upgrades**



# MARKET PRESENCE & GLOBAL REACH

Expanding Horizons. Earning Trust Worldwide.

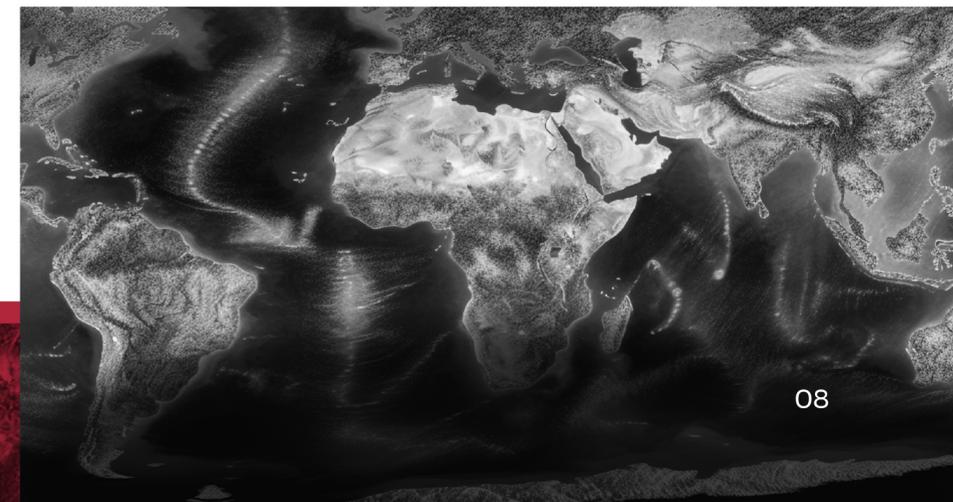
## International Footprint Export Markets



**Upcoming: United States & United Kingdom**

## What Sets Us Apart Globally

- BIS & International-grade quality compliance
- Scalable manufacturing with fast lead times
- Custom die solutions tailored for global standards
- Reliable supply chain across Asia, Europe & the Middle East





# KEY STRENGTHS & DIFFERENTIATORS



## Diversified Product Range

A wide array of aluminium extrusions serving multiple industries, backed by in-house die development and an expanding library of exclusive, confidential dies for diverse applications.



## In- house 3D Printing

We leverage 3D printing to prototype and test aluminium profile designs before die development. This accelerates product validation, reduces lead time, and enables customers to rethink and explore optimized, innovative solutions.



## Integrated Manufacturing Facility

End-to-end operations under one roof for better control, efficiency, and scalability.



## Advanced Quality Control

Equipped with modern lab infrastructure for mechanical, chemical, and dimensional testing.



## Experienced Leadership

Promoter with 18+ years of industry experience ensuring strategic direction and operational excellence.



## Global Supply Capability

Proven export record with quality systems aligned to international standards.



# LEADERSHIP AT THE HELM

## Mr. Sampatlal Mohanlal Kothari

*Founder & Promoter*

- 18+ years of aluminium industry experience
- Background in aluminium trading (2007-2011)
- Founded Darshan Extrusions in 2011
- Silvassa Region Head at ALEMAI.
- Leads with a focus on precision, innovation & long-term partnerships
- Key driver of company's growth and market expansion

## Strategic Roadmap Ahead

- **Capacity Expansion**  
+2 production lines to reach 15,000 MT/year
- **Target Sectors**  
Automotive, Defence, Construction & Solar
- **Digital Launch**  
Darshan App to improve client servicing
- **Export Market Expansion**  
Entering US & UK markets
- **Product Diversification**  
Targeting automotive, construction & solar sectors





# CONNECT WITH US

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