

PRODUCT CATALOGUE

SV INDUSTRIES

INNOVATING PROCESS EXCELLENCE

Manufacturer of Agitator, Reactor Vessel, Storage Tank & Custom Process Equipment

2025

Our
Manufacturing
Facilities

Your process, our promise. SV Industries builds trusted, durable agitators and vessels designed for Indian industries, with precision, care, and unmatched service support.

☎ | +91 9909919544
🌐 | www.sv-industries.com
✉ | sales@sv-industries.com

Follow us :




GSTIN No. | 24AEKFS8537E1ZS

How Can I Help You?



Plot No. 31, Vrajbhumi Estate, Nr Nandanvan-2 Estate, Bakrol-Dhamatvan Road, Bakrol-Bajrang, TA Daskroi, Dist. Ahmedabad - 382430, Gujarat.

SV Industries is a trusted Indian manufacturer of industrial mixing equipment including agitators, vessels, impellers, and process tanks. Established with a focus on quality and performance, we deliver custom-engineered solutions for various industries like chemicals, pharmaceuticals, food processing, and more. Our state-of-the-art facility, expert team, and customer-first approach help us provide durable, reliable, and efficient equipment built to perform under the most demanding conditions. Backed by years of experience and a growing client base across India, SV Industries is committed to helping businesses achieve higher productivity and smoother operations.

 "We believe in engineering excellence and customer trust. Every solution we build reflects our commitment to quality and continuous improvement."

— Avnish (Founder, SV Industries)






INDUSTRIES SERVED

-  Chemical Processing Plants
-  Pharmaceutical Manufacturing Units
-  Food and Beverage Industry
-  Paints and Coatings
-  Water Treatment and Effluent Plants
-  Cosmetics and Personal Care
-  Dairy and FMCG Sectors

MANUFACTURING CAPABILITIES

- ✓ Full-fledged facility in [Ahmedabad, Gujarat]
- ✓ CNC machining, TIG welding, polishing, and fabrication units
- ✓ Dedicated quality testing zone
- ✓ Skilled team of engineers and production supervisors
- ✓ Scalable capacity for small and bulk orders

ACHIEVEMENTS / STATS

-  10+ Years of Manufacturing Excellence
-  50+ Happy Clients Pan India
-  15+ Product Variants Supplied
-  On-Time Delivery Rate: 96%
-  Repeat Order Ratio: 75%

Follow us :



GSTIN No. | 24AEKFS8537E1ZS



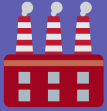
Plot No. 31, Vrajbhumi Estate, Nr Nandanvan-2 Estate, Bakrol-Dhamatvan Road, Bakrol-Bajrang, TA Daskroi, Dist. Ahmedabad - 382430, Gujarat.



How Can I Help You?

Why Choose SV Industries?

Because Your Process Deserves More Than Just a Supplier



IN-HOUSE DESIGN & MANUFACTURING

Every product is conceptualized, engineered, and manufactured in our own facility – ensuring full control over quality, timeline, and innovation.



EXPERIENCED ENGINEERING TEAM

Our team brings decades of design and fabrication experience in high-precision process equipment for various industries.



CUSTOMIZED SOLUTIONS

Every industry has unique needs – our systems are fully customizable to match your process, size, and technical parameters.



COMMITMENT TO QUALITY

Every product undergoes rigorous in-house testing to ensure durability, performance, and safety you can trust.



COMPETITIVE PRICING

With streamlined processes and efficient operations, we offer top-tier quality at highly competitive market prices.



ON-TIME DELIVERY

We pride ourselves on sticking to delivery schedules with a proven track record across India and abroad.

Follow us :



GSTIN No. | 24AEKFS8537E1ZS



How Can I Help You?



Plot No. 31, Vrajbhumi Estate, Nr Nandanvan-2 Estate, Bakrol-Dhamatvan Road, Bakrol-Bajrang, TA Daskroi, Dist. Ahmedabad - 382430, Gujarat.

Industrial Agitator / Stirrer

Precision Mixing for Every Process

At SV Industries, our industrial agitators are engineered to deliver reliable, high-performance mixing solutions across diverse industries. Designed with precision and manufactured using premium-grade stainless steel (SS 304/316L), our agitators ensure optimum blending, suspension, heat transfer, and homogenization of fluids.

Whether it's low-viscosity liquids or high-density slurries, our agitators are customized to match your process parameters, tank dimensions, and mixing objectives. With options ranging from top-entry to side-entry and bottom-entry designs, each unit is tailored for maximum efficiency, minimal energy consumption, and long service life.

From batch reactors in pharmaceutical setups to continuous operations in chemical plants, our agitators maintain uniformity, consistency, and process integrity – even under critical conditions.

"You Specify the Mixing Goal, We Build the Right Motion"

Parameter	Specification
Motor Power	0.5 HP to 50 HP
Shaft Length	Up to 3000 mm (customized as per tank depth & torque)
Impeller Type	Hydrofoil, Anchor, Pitch Blade, Rushton, PBT, Helical, etc.
Seal Type	Single/Double Mechanical Seal, Gland Packing, Lip Seal
Agitation Speed	10 to 1440 RPM (fixed or variable with VFD)
Material of Construction	SS304, SS316L, Hastelloy, Duplex, MS+FRP
Mounting Type	Top-entry, Side-entry, Bottom-entry (flanged/clamp)
Drive Type	Direct, Gearbox (Helical/Planetary), Belt Drive
Operating Pressure	Up to 10 bar (depends on tank design & sealing)
Temperature Range	-10°C to 200°C
Vessel Compatibility	Suitable for Jacketed, Limpet Coil, Pressurized Tanks
Bearing Housing	Heavy-duty with lubrication system
Surface Finish	Matte, Mirror Polish (up to 0.4 Ra for hygiene applications)
Bearing Housing	Heavy-duty with lubrication system



APPLICATIONS

- ✓ Chemical Mixing
- ✓ API/Pharma Reactions
- ✓ Dairy & Beverage Blending
- ✓ Paint & Coating Dispersions
- ✓ Cosmetics & Personal Care Formulations
- ✓ Water & Effluent Treatment

KEY FEATURES

- Available in top, bottom, and side-mounted configurations
- Custom impeller designs: Hydrofoil, Anchor, Pitch Blade, Rushton & more
- GMP-compliant hygienic finish for food and pharma industries
- Pressure-rated mechanical seal assemblies
- Designed for viscosities from 1 to 1,00,000+ cP
- Optional variable frequency drive (VFD) integration
- Built for CIP/SIP applications

WHY SV INDUSTRIES AGITATORS?

- Tailor-made solutions as per your tank geometry and fluid properties
- In-house CFD-based impeller design validation
- ISO-certified manufacturing & quality testing
- Proven track record in over 8+ industries

Get in-depth product specs, charts & videos on our website. → [Click Here](#)

Follow us :



GSTIN No. | 24AEKFS8537E1ZS



Plot No. 31, Vrajbhumi Estate, Nr Nandanvan-2 Estate, Bakrol-Dhamatvan Road, Bakrol-Bajrang, TA Daskroi, Dist. Ahmedabad - 382430, Gujarat.



How Can I Help You?

Hydrofoil Impeller



APPLICATIONS

- Chemical Blending
- Pharmaceutical Liquids
- Water Treatment
- Food & Beverage
- Paints & Dyes

FEATURES

- Low-shear mixing for delicate materials
- High pumping efficiency with minimal power
- Streamlined blade profile for laminar flow
- Excellent axial flow generation
- Reduced vortex formation in tanks
- Ideal for large-volume blending
- Designed for low-viscosity fluids
- Available in SS304 / SS316L / Hastelloy

Get in-depth product specs, charts & videos on our website. →

[Click Here](#)

IMPELLERS

You Set the Flow Demand, We Shape the Blades

FEATURES

- Full tank wall sweeping action
- Excellent heat transfer in jacketed vessels
- Suitable for high-viscosity materials
- Gentle agitation prevents product degradation
- Low shear with complete circulation
- Available with Teflon or scraper blades
- Customizable blade size and shape
- Built for batch-type reactors and mixers

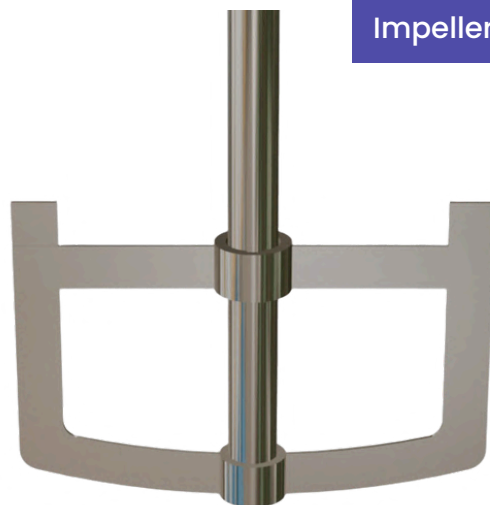
APPLICATIONS

- Cosmetics & Creams
- Food Paste & Sauces
- Pharmaceutical Syrups
- Paints & Inks
- Detergents & Slurries

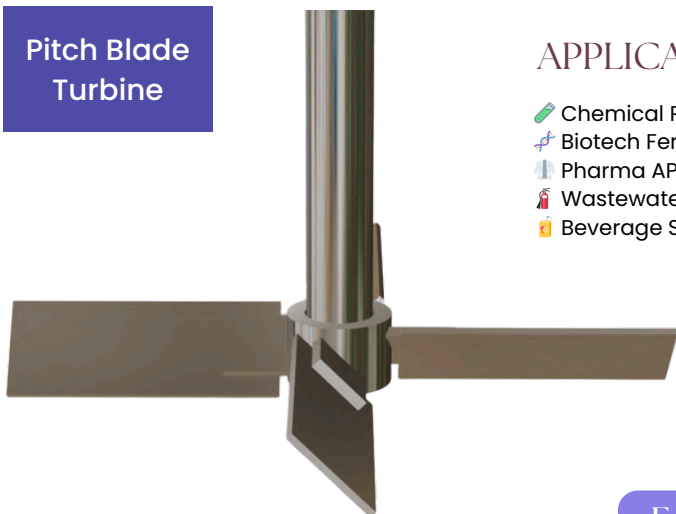
Get in-depth product specs, charts & videos on our website. →

[Click Here](#)

Anchor Impeller



Pitch Blade Turbine



APPLICATIONS

- Chemical Reactions
- Biotech Fermenters
- Pharma API Production
- Wastewater Neutralization
- Beverage Suspensions

FEATURES

- Strong radial & axial flow mixing
- Excellent for gas-liquid & solid-liquid dispersion
- Adjustable flow patterns (up/down pumping)
- Ideal for medium to high-viscosity fluids
- Available with 2, 4, or 6 blades
- Robust construction for high-torque load
- Compatible with variable speed drives (VFDs)

Get in-depth product specs, charts & videos on our website. →

[Click Here](#)

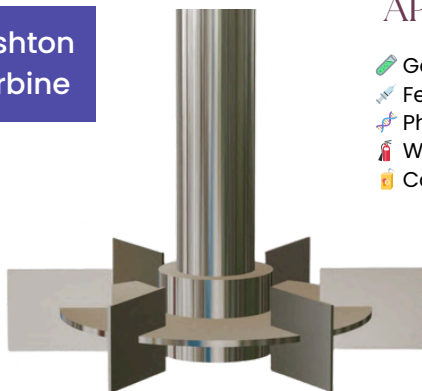
Follow us :



GSTIN No. | 24AEKFS8537E1ZS



Rushton Turbine



APPLICATIONS

- Gas-Liquid Reactions
- Fermentation (Biotech)
- Pharmaceutical Suspension Blending
- Wastewater Aeration
- Carbonated Beverage Mixing

FEATURES

- Radial flow impeller with flat disc and vertical blades
- Ideal for gas-liquid mass transfer processes
- High shear rate for dispersion and emulsification
- Uniform bubble distribution
- Excellent gas hold-up in fermenters and reactors
- Available in 4, 6, or 8-blade configurations
- Strong vortex formation for effective mixing
- Built with SS304 / SS316L construction options

Get in-depth product specs, charts & videos on our website. →

[Click Here](#)

IMPELLERS

You Set the Flow Demand, We Shape the Blades

FEATURES

- Simple flat-blade radial flow design
- Effective for low-speed bulk flow mixing
- Suitable for low-shear blending
- Blade width and pitch can be customized
- Uniform distribution of additives and powders
- Ideal for square or baffled tanks
- Easy to clean and maintain
- Fabricated from SS304 / SS316L

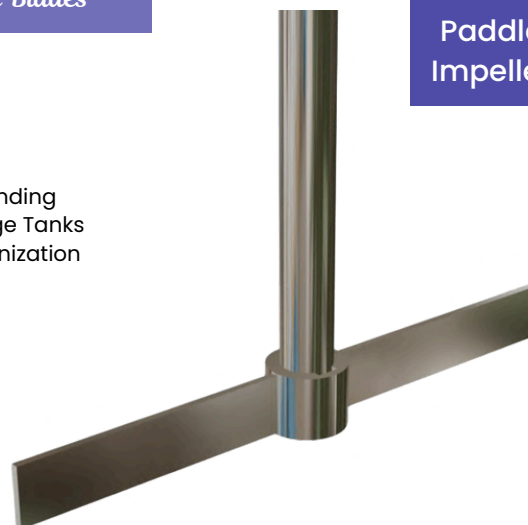
Get in-depth product specs, charts & videos on our website. →

[Click Here](#)

APPLICATIONS

- Detergents & Slurry Mixing
- Salt and Food Additive Blending
- Chemical Stirring in Storage Tanks
- Sauce and Puree Homogenization
- Paint and Coating Mixing

Paddle Impeller



APPLICATIONS

- Fine Chemical Blending
- Neutralization and Buffer Prep
- Effluent Treatment Plants (ETPs)
- Pigment and Dye Dispersion
- Cosmetic Emulsions

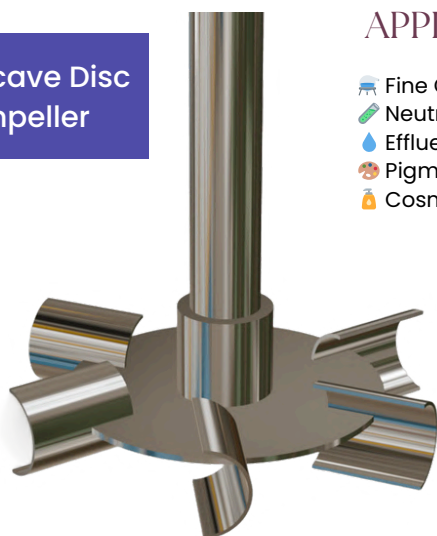
FEATURES

- Disc-shaped hub with curved blades for axial flow
- Low power consumption with good pumping capability
- Reduced vortex and surface turbulence
- Effective for gas dispersion and solids suspension
- High efficiency across wide RPM range
- Ideal for minimizing cavitation
- Compact design, fits in smaller tank sizes
- Made in SS304, SS316L, Hastelloy options

Get in-depth product specs, charts & videos on our website. →

[Click Here](#)

Concave Disc Impeller



Follow us :



GSTIN No. | 24AEKFS8537E1ZS

Reactor Vessel

Design. Durability. Delivery – All in One Reactor

From pilot-scale to full production, SV Industries' reactor vessels are fully customizable for batch and continuous operations. Designed for thermal efficiency, mechanical reliability, and maximum process compatibility, our vessels are used across pharma, chemical, food, and cosmetics industries – all while meeting the most rigorous safety and quality standards.

"You Provide the Process, We Deliver the Perfect Vessel"

Parameter	Specification
Capacity Range	50 L to 25,000 L
Material of Construction	SS304 / SS316L / Hastelloy / Customized
Design Pressure	Upto 25 kg/cm ²
Design Temperature	-20°C to 250°C
Type	Jacketed / Limpet / Plain
Agitator Mount	Top / Bottom / Side Entry
Heating / Cooling	Steam, Oil, Water, Thermic Fluid
Surface Finish	Mirror / Matt / Electropolished



APPLICATIONS

- Chemical Reactions & Synthesis
- Pharmaceutical API Processing
- Food & Beverage Batch Cooking
- Personal Care Product Blending
- R&D Pilot Scale Reaction Labs

KEY FEATURES

- Robust design for high-pressure & temperature
- Available with jacket or limpet coil for heating/cooling
- SS304, SS316L, Hastelloy construction options
- ASME / GMP / ISO compliant manufacturing
- Option for agitator mount (top/bottom entry)
- Custom capacity: 50 L to 25,000 L
- Suitable for batch or continuous operations
- Mirror/matt polishing available inside & outside

Why SV Industries Reactor Vessel ?

Advantage	Description
In-house Design & Fabrication	Full control from engineering to delivery
Custom Built Vessels	As per your process, utility & plant layout
Tested for Performance	Pressure test, NDT, QA documentation
Material Traceability	Full MTCs and welding records
Trusted Exports	Serving industries in 7+ countries

Get in-depth product specs, charts & videos on our website. →

[Click Here](#)

Follow us :



GSTIN No. | 24AEKFS8537E1ZS



Plot No. 31, Vrajbhumi Estate, Nr Nandanvan-2 Estate, Bakrol-Dhamatvan Road, Bakrol-Bajrang, TA Daskroi, Dist. Ahmedabad - 382430, Gujarat.



Jacketed Reactor Vessel

SV Industries' Jacketed Reactor Vessels offer efficient thermal control for heating and cooling applications. Engineered with precision, they support various media like steam, hot oil, or chilled water. Available in SS304, SS316L, and Hastelloy, these vessels ensure uniform temperature distribution and reliable performance for chemical, pharmaceutical, and food-grade process industries.

FEATURES

- Dual-layer design for efficient heating/cooling
- Compatible with steam, hot oil, or chilled water
- Ideal for temperature-sensitive processes
- Available in SS304, SS316L, Hastelloy
- External insulation optional
- Supports agitator integration
- Pressure-tested jackets
- Custom nozzle layout

APPLICATIONS

- Pharmaceutical formulation
- Chemical synthesis
- Cosmetic product batching
- Food-grade reactions
- Pilot plant R&D

Get in-depth product specs, charts & videos on our website. → [Click Here](#)

Parameter	Specification
Vessel Capacity	100 L to 50,000 L
Material of Construction (MOC)	SS304 / SS316L / Hastelloy / Mild Steel (MS)
Jacket Type	Dimple / Plain / Half-pipe Jacket
Jacket Pressure Rating	Up to 6 Bar (customizable)
Design Temperature	-20°C to 250°C
Agitator Integration	Yes (Top / Bottom / Side Mounted)
Insulation	Rockwool / Glasswool with Cladding (optional)
Heating/Cooling Media	Steam, Hot Oil, Chilled Water
Finish Type	Mirror / Matt / Electro-polished (as per spec)
Testing	Hydro Test, Radiography, NDT (on request)

Limpet Coil Reactor Vessel

Our Limpet Coil Reactor Vessels are ideal for processes requiring controlled, high-pressure heating or cooling. With internal or external limpet coil designs, they deliver superior heat transfer efficiency. Built with premium materials like SS316L and MS, they suit viscous and high-temperature media in paint, resin, chemical, and polymer applications.

FEATURES

- Internal or external spiral coil design
- Withstands higher pressure heat media
- Suitable for viscous or high-temperature materials
- Available in SS304, SS316L, Mild Steel, Hastelloy
- Supports dual limpet for faster heating/cooling
- Optimized coil pitch for max transfer
- Integrates with high-shear agitators
- Customizable coil thickness & inlet/outlet

Parameter	Specification
Vessel Capacity	100 L to 30,000 L
Material of Construction (MOC)	SS304 / SS316L / MS / Hastelloy
Coil Type	Internal / External Limpet Coil
Coil Material	Same as Vessel or As Specified
Coil Thickness	3 mm to 8 mm
Coil Pitch	Custom (as per heat transfer requirement)
Design Pressure	Up to 10 Bar (coil)
Heating/Cooling Media	Steam, Thermic Fluid, Water
Suitable for High Viscosity	Yes
Testing	Hydro Test (Vessel + Coil), Dye Penetration Test

APPLICATIONS

- Resin and polymer processing
- Paint and ink manufacturing
- Oil blending and lube formulation
- Chemical batch operations
- Effluent treatment reactions

Get in-depth product specs, charts & videos on our website. → [Click Here](#)



Follow us :



GSTIN No. | 24AEKFS8537E1ZS



Plot No. 31, Vrajbhumi Estate, Nr Nandanvan-2 Estate, Bakrol-Dhamatvan Road, Bakrol-Bajrang, TA Daskroi, Dist. Ahmedabad - 382430, Gujarat.

Storage Tank

Engineered for Durability, Safety & Long-Term Performance

SV Industries designs and manufactures industrial-grade storage tanks for diverse applications including chemical storage, water holding, and solvent containment. Made from SS304, SS316L, or Mild Steel, our tanks are precision-welded, leak-tested, and customizable in design, finish, and orientation — delivering robust performance for both indoor and outdoor industrial use.

"You Share the Storage Need, We Engineer the Perfect Tank"

Parameter	Specification
Capacity Range	200 L to 100,000 L
Material of Construction	SS304 / SS316L / MS / FRP (on request)
Design Orientation	Vertical / Horizontal
Mounting Type	Skid Mounted / Leg Mounted / Saddle Mounted
Shell Thickness	3 mm to 12 mm
Surface Finish	Mirror, Matt, Electro-polished (as per spec)
Accessories	Manhole, Vent, Sight Glass, Drain Valve
Insulation (Optional)	PUF / Rockwool with SS/MS Cladding
Testing	Hydro Test / Radiography (on request)
Applications	Chemicals, Solvents, Water, Oil, Food, etc.



APPLICATIONS

- Chemical Storage
- Solvent Holding
- Water and Effluent Treatment
- Edible Oil and Food Liquids
- Pharmaceutical Ingredient Storage

KEY FEATURES

- Robust fabrication for long-term performance
- Suitable for corrosive and non-corrosive media
- Available in customized shapes and configurations
- Compatible with process integration (nozzle layout, overflow)
- Optional insulation for hot/cold media
- Wide MOC & capacity range
- Leak-proof welding and QA tested
- Indoor & outdoor installation ready

Why SV Industries Storage Tank?

- ✂ | In-House Fabrication & QA
- 🔧 | Material Versatility
- 📐 | Tailor-Made Configurations
- 📈 | Proven Industry Experience
- 🕒 | On-Time Delivery & Support
- 💰 | Value for Investment

Get in-depth product specs, charts & videos on our website. →

[Click Here](#)

Follow us :



GSTIN No. | 24AEKFS8537E1ZS



Plot No. 31, Vrajbhumi Estate, Nr Nandanvan-2 Estate, Bakrol-Dhamatvan Road, Bakrol-Bajrang, TA Daskroi, Dist. Ahmedabad - 382430, Gujarat.



Ribbon Blender

Designed for Consistent Batch Mixing in Every Industry

SV Industries' Ribbon Blenders are engineered for homogeneous mixing of dry powders, granules, and low-viscosity pastes. Designed with double helix ribbons and precision fabrication, they ensure efficient axial and radial flow. Ideal for food, pharma, chemical, and cosmetic industries, with customization in capacity, MOC, discharge, and automation options.

"You Define the Blend, We Deliver the Precision"

Parameter	Specification
Capacity Range	100 L to 10,000 L
Material of Construction	SS304 / SS316L / MS (Food/Pharma Grade Finish)
Ribbon Design	Inner & Outer Helical Ribbon
Motor Power	1 HP to 50 HP
Drive Type	Direct / Gearbox / Belt Drive
Discharge Type	Manual / Pneumatic / Butterfly / Slide Gate
Sealing	Gland / Mechanical Seal
Finish	Mirror / Matt / Bead Blasted
Batch Time	10 – 20 minutes (depending on product)
Cleaning	Easy-clean design with optional CIP



APPLICATIONS

- Food & Spices Blending
- Pharmaceutical Powder Mixing
- Cosmetic Creams & Pastes
- Chemical Compound Preparation
- Detergent and Soap Powder Production

KEY FEATURES

- Uniform axial & radial mixing
- Available in horizontal & U-type design
- Dust-free discharge options
- Suitable for dry powders, granules, pastes
- Easy opening lids for inspection & cleaning
- VFD compatible for speed control
- Available with choppers for de-agglomeration
- Sanitary design for GMP compliance



Why SV Industries Ribbon Blender?

- 📦 | 100% Tailor-made as per P&ID, space & batch size
- ⚙️ | Sturdy drive system with overload protection
- 🌿 | GMP-compliant & pharma-ready design (on request)
- 💡 | Integrated automation & discharge control options
- 🔧 | Rapid installation, training & service support

Get in-depth product specs, charts & videos on our website. → [Click Here](#)

Follow us :















GSTIN No. | 24AEKFS8537E1ZS

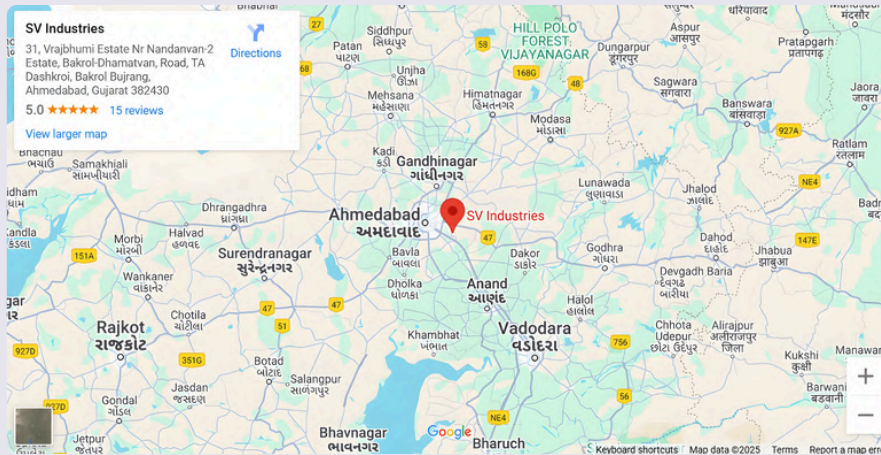



Plot No. 31, Vrajbhumi Estate, Nr Nandanvan-2 Estate, Bakrol-Dhamatvan Road, Bakrol-Bajrang, TA Daskroi, Dist. Ahmedabad - 382430, Gujarat.

Get in Touch With SV Industries


We're Here to Support Your Process Needs – From Inquiry to Installation

 COMPANY NAME	SV INDUSTRIES
 FACTORY ADDRESS	PLOT NO. 31, VRAJBHUMI ESTATE, NR NANDANVAN-2 ESTATE, BAKROL-DHAMATVAN ROAD, BAKROL-BUJRANG, TA DASHKROI, DIST. AHMEDABAD – 382430, GUJARAT, INDIA
 EMAIL	SALES INQUIRIES  sales@sv-industries.com
	PURCHASE INQUIRIES  purchase@sv-industries.com
	CUSTOMER SUPPORT  support@sv-industries.com
	TECHNICAL ASSISTANCE  tech@sv-industries.com
	GENERAL INQUIRIES  info@sv-industries.com
 PHONE	+919909919544 +918000933665
 WEBSITE	www.sv-industries.com
 WHATSAPP	CLICK TO CHAT
 LINKEDIN	LINKEDIN



 Scan to Locate SV Industries on Google Maps
(Available on all mobile devices)

LET'S BUILD YOUR NEXT INDUSTRIAL SOLUTION TOGETHER

 Contact our design experts for a custom quote today →

[Click Here](#)

Follow us :



GSTIN No. | 24AEKFS8537E1ZS



Plot No. 31, Vrajbhumi Estate, Nr Nandanvan-2 Estate, Bakrol-Dhamatvan Road, Bakrol-Bajrang, TA Daskroi, Dist. Ahmedabad – 382430, Gujarat.