

COMPANY PROFILE

INDEX

- About Us
- Product and Services
- Infrastructure
- Why Aeromotiv?
- Our Philosophy

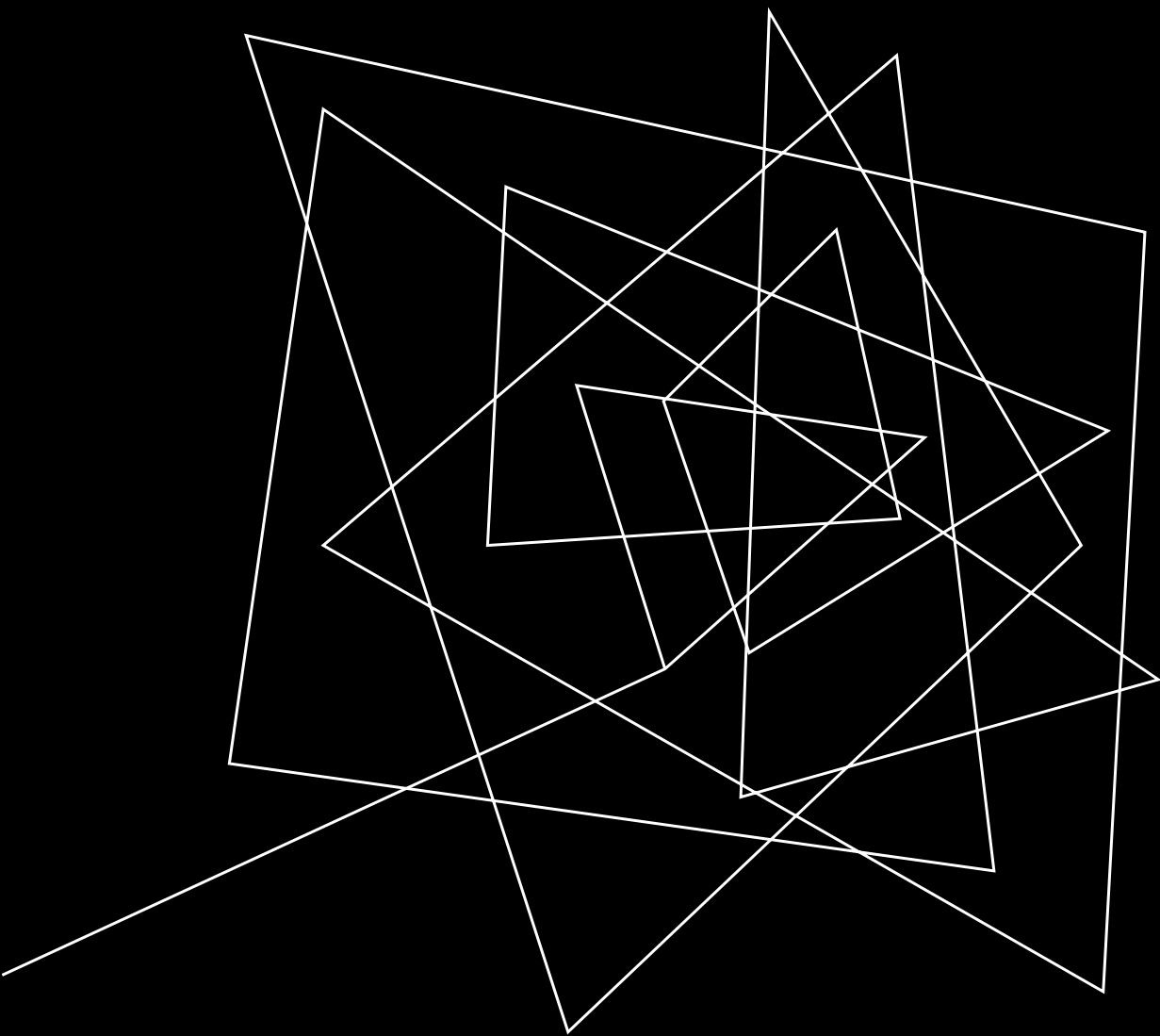
ABOUT US

We are a dynamic B2B company dedicated to manufacturing premium-quality automobile filters, Sheet Metal Fabrication and simplifying industrial procurement for businesses of all sizes. Our product portfolio extends across a wide range of industry essentials, including MRO supplies, safety equipment, electrical items, cleaning products, office essentials, and tools, ensuring we meet the diverse needs of our clients.

At Aeromotiv, we excel at cutting through the complexities of procurement by offering an expansive product range backed by a dedicated, customer-focused team. We go beyond merely delivering products—we deliver a seamless and satisfying experience every step of the way.

Our commitment to outstanding customer service, deep industry expertise, and uncompromising quality drives us to build strong, lasting partnerships with our clients. By focusing on what truly matters to businesses, we ensure that procurement becomes fast, efficient, and hassle-free.

At Aeromotiv, we're not just a supplier; we're a trusted partner in your success.



FILTERS

NYLON MESH FILTER

Nylon mesh filter fabric comes in a range of micron ratings, from ultra-fine 10 micron nylon mesh to more coarse options like 500 micron nylon mesh, catering to both sensitive and general filtration needs. Whether in water treatment, air filtration, or industrial processing, choosing a high-quality nylon mesh water filter or nylon mesh air filter ensures reliable performance and long-lasting durability.

TYPES OF NYLON FILTER MESH BASED ON MICRON RATINGS

One of the most important characteristics of **nylon filter mesh** is its micron rating, which dictates the size of particles the mesh can filter. Micron ratings allow manufacturers to tailor filters for specific needs, ensuring optimal filtration for each application. Here are some popular options:

- 10 Micron Nylon Filter Cloth:** Often used in sensitive applications like pharmaceutical manufacturing and chemical processing, this fine mesh captures particles as small as 10 microns.
- 20 Micron Nylon Mesh and 25 Micron Nylon Mesh Fabric:** Commonly found in industries requiring medium-fine filtration, such as food and beverage processing.
- 50 Micron Nylon Mesh:** Suitable for filtering larger particles and widely used in industrial settings.
- 100 Micron Nylon Mesh:** Popular in the food industry for processes like juice filtration and dairy production, where fine particle removal is critical.
- 200 Micron Nylon Mesh:** Used in general-purpose filtration, including water and air applications, where larger particles need to be removed.
- 500 Micron Nylon Mesh:** An excellent choice for coarse filtration, such as pre-filtration in wastewater treatment.

Each type of **nylon filter mesh** serves a specific purpose. For example, **nylon mesh 200 micron** is ideal for general liquid filtration, while **10 micron nylon filter cloth** is necessary for applications requiring highly sensitive particle removal



WIRE MESH FILTER

What is Wire Mesh?

[Wire mesh](#) is a material made from interwoven or welded wires arranged in a grid-like structure. It comes in different materials, such as stainless steel, aluminum, copper, and galvanized steel. Wire mesh is known for its durability, flexibility, and adaptability, making it a popular choice for both industrial and domestic uses.

Types of Wire Mesh

The type of wire mesh you choose depends on your specific requirements. Here are some common types:

1. [Woven Wire Mesh](#): This type is created by weaving wires in an over-and-under pattern. It is commonly used for filtration and sifting applications.
2. [Welded Wire Mesh](#): Made by welding wires together at intersections, this type offers strength and rigidity, making it suitable for fencing and construction projects.
3. [Knitted Wire Mesh](#): Often used in environmental and automotive applications, this type is flexible and ideal for filtration and sealing purposes.
4. [Expanded Metal Mesh](#): Produced by cutting and stretching a metal sheet, this type is used for platforms, grating, and architectural designs.

Applications of Wire Mesh

1. **Filtration**: Wire mesh is essential for filtering liquids, gases, and solids in industries such as petrochemical, food, and water treatment



Multi-pocket Bag,Fine / Micro-vee and Pre-Filter

a) MULTI POCKET BAG TYPE FILTERS: MERV 14

Non Woven imported media from Germany and Taiwan are most common for making multi -pocket bag Filters. These Filters are widely used as pre to Hepa. These can also be used in GasTurbine plants, IAQ areas like Hotels etc.

b) FINE FILTERS / MICRO VEE

Pleated media of non woven supplied with GI mesh duly stitched and capsuled in GI powder housing.

Media Efficiency:

5 Micron (Nominal / MERV 6/MERV7) These filters are reusable type and can be cleaned by reverse clean jet air. One can clean it for 4-5 times.

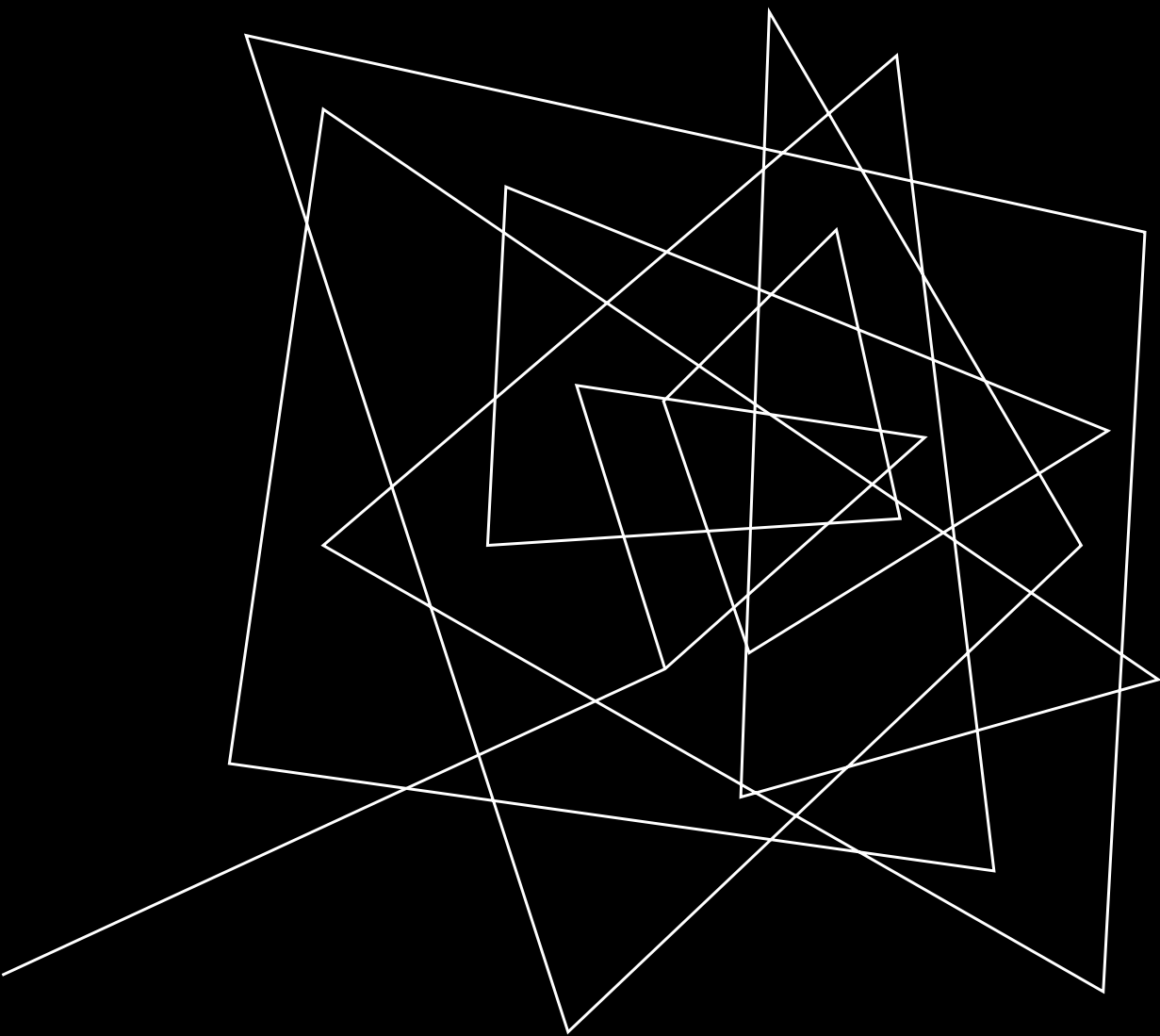
c) PRE FILTERS-G2/G3

Media: Made of Non-woven supplied media, stitched with wire mesh for strength. Rating :10 Micron Nominal or G2/G3 Washable / cleanable with water and Air.

Mini Pleat Hepa Filter H13 & H14.

Mini Pleat Hepa Filter are widely used in over 90% of the industries used in Pharmaceutical, Hospitals, Electronics and Food Industry. Pleating of Hepa Paper is done on the high speed automatic Machine with 5-8 meters pleating per minute Pleats are capsuled in Aluminum Anodized frames using specialized Epoxy and Hardner.





SHEET METAL

Sheet Metal

- . Our sheet metal fabrication division is equipped with state-of-the-art machinery and staffed by skilled technicians who excel in precision engineering and craftsmanship.
- . We offer a comprehensive range of sheet metal fabrication services, including cutting, bending, welding, and finishing.
- . Our expertise extends to various industries, with a particular focus on the automobile sector, where we deliver high-quality components and assemblies.



Bus HVAC Structure



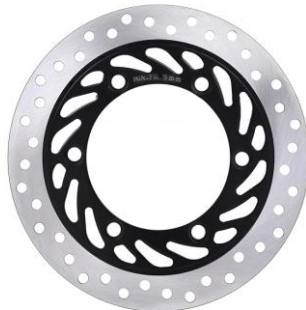
Battery Boxes



Food Stands & Tables



Commercial Vehicles Heaters



Brake Disks



Expansion Valves

INFRASTRUCTURE



LEASER CUTTING

We Have 2 Lasers 3 Axis 3 KW, self-loading, fiber laser cutting machine can , providing fast, efficient production and cut up to 20mm of sheet thickness with precise cutting for any shape



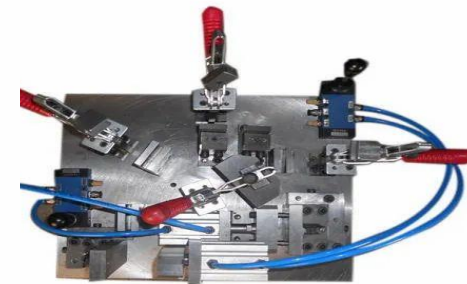
CNC METAL FORMING AND BENDING

Accurate Metal Fabricating's precision sheet metal manufacturing capabilities really shine when it comes to custom metal bending and forming experience and multiple press brakes to accommodate your product requirements, we provide our customers with high-quality, precision forming of material up to 10 feet wide. Our extensive library of tools accommodates most forming requirements. We also develop custom tooling to meet your design needs.



ROBOTIC WELDING WITH PNEUMATIC FIXTURES

Robotic welding is an automated process that utilizes robotic systems to perform precise and efficient welds in manufacturing. It offers increased productivity, improved weld quality, cost savings, and enhanced worker safety, revolutionizing the welding industry with advanced automation technology.

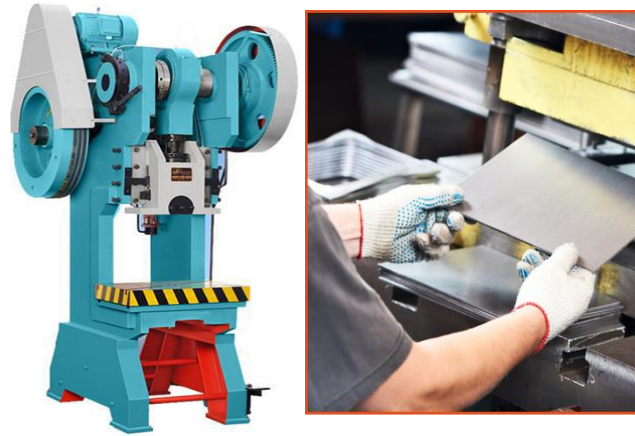


INFRASTRUCTURE



PIPE BENDING MACHINE

Our pipe bending machine is a specialized industrial tool used to bend pipes or tubes to specific angles and shapes. We work in industries such as HVAC, automotive, and manufacturing. We can handle different pipe sizes and materials. Our 3 Axis machines play a crucial role in creating accurate and precise bends in pipes, allowing for efficient and effective fabrication and installation processes.



STAMPING

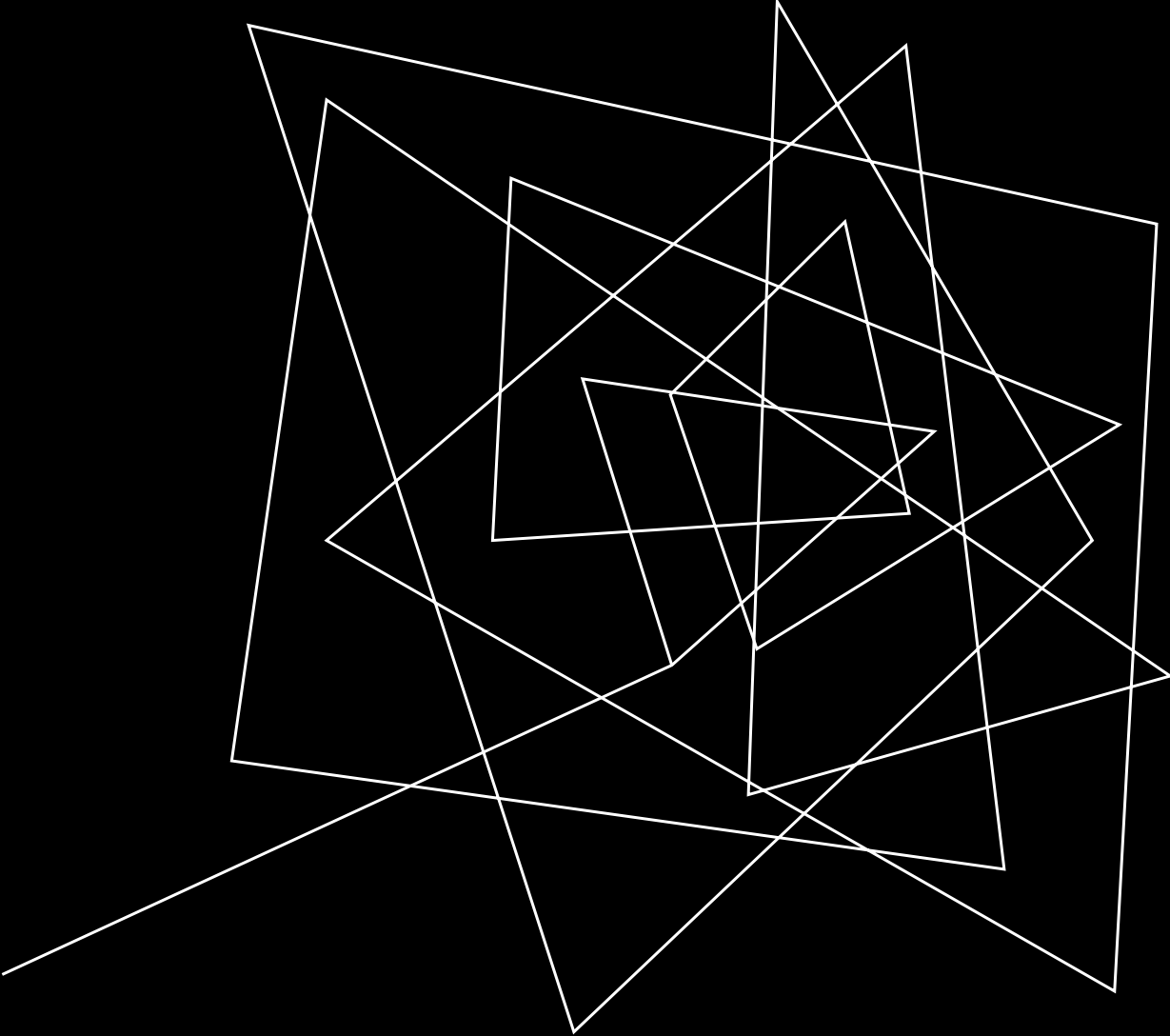
Stamping (or pressing) involves many metal forming processes: punching, embossing, bending, flanging and coining. We have the capabilities to produce light gauge precision stamping on complex metal components of a variety of sizes, gauges, and materials:

- Can handle parts smaller than a nickel, thinner than a dime.
- Can handle light gauge sheet metal up to 11 gauge.
- Can work with carbon steel, stainless steel, cold roll steel, aluminum, brass, copper, and more.



POWDER COATING

Our Powder coating offers a high-quality and durable finish. A fully automatic line that runs 7-Stage wash system to provide surface pretreatment for corrosion protection, paint adhesion, and salt spray performance Quick cube, fast colour change booth, Electrostatic powder spray, Pre and Post Manual Spray Stations, All Powder Types: Epoxy to Polyester, including Zinc Rich Primer. Since metal parts can withstand the heat of the curing process, it is a perfect vessel to show off the clean look of powder-coated items. We do materials used in powder coating are , Carbon Steel, Stainless Steel, Galvanized Steel, Aluminum, Copper, Nickel, Brass, Iron.¹¹



MRO ITEMS AND PACKAGING ITEMS

MRO ITEMS



Our Organization specializes in **providing high-quality maintenance supplies** to cater to the diverse needs of industrial, commercial, and manufacturing sectors. With a commitment to excellence and customer satisfaction, we offer a wide range of products designed to ensure smooth operations, enhanced efficiency, and reduced downtime

What We Offer

1. Premium Tools & Equipment:

1. Hand tools: Wrenches, pliers, hammers
2. Power tools: Drills, grinders, cutting machines
3. Specialized equipment: Torque tools, diagnostic kits

2. Industrial Consumables:

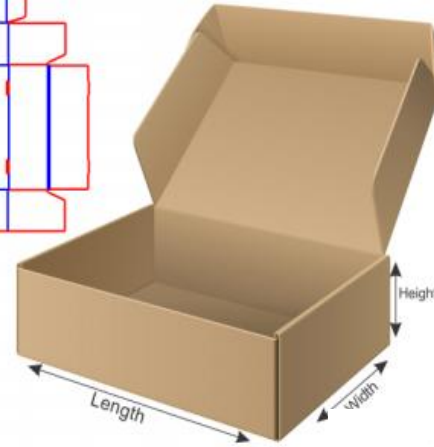
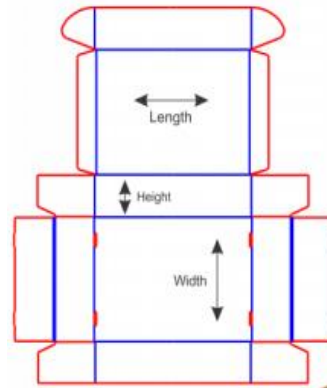
1. Lubricants, greases, and oils
2. Adhesives, sealants, and thread lockers
3. Cleaning solvents and wipes

3. Spare Parts & Components:

1. Bearings, gaskets, seals, and bushings
2. Fasteners: Bolts, nuts, washers, and screws
3. Electrical components: Switches, fuses, and cables



PACKAGING ITEMS





Why Aeromotiv?

Aeromotiv is a B2B company that specializes in manufacturing high-quality automobile filters and providing sheet metal fabrication services. They also focus on simplifying industrial procurement, making it easier for businesses of all sizes to obtain the products they need. By offering reliable and premium products with efficient service, Aeromotiv ensures that businesses can rely on them for timely deliveries and quality solutions. Our focus on customer satisfaction and operational efficiency makes them an excellent choice for companies looking for a dependable and streamlined supplier.

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OUR PHILOSOPHY

Our mission is to provide high quality Filters ,sheet metal fabrication and Packaging manufacturing solutions to our clients in various industries, We aim to be a trusted partner to our clients, delivering innovative and customized solutions that meet their specific needs. We are committed to using the latest technology and industry best practices to ensure that our products are of the highest quality and are delivered on time and within budget.

Our Mission

Contribute to a better world by creating value together with a vision for future

Our Vision

To be the leading provider of innovative and reliable fabrication and engineering solutions to our customers

Our values

Quality, innovation, integrity, collaboration, customer focus, continuous improvement, safety, sustainability, accountability, respect define us.



THANK YOU

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