



PRAKASH METAL INDUSTRIES



**Creating Quality,
Serving Perfection.**



About Us

Incepted in **1980** in **Pune (Maharashtra, India)**, we at “**Prakash Metal Industries**” take immense pride in introducing ourselves as the leading manufacturer, exporter, and supplier of a quality assortment of Venturis Tubes, Sieve Trays, Grid Trays, Assembly Parts, and all kinds of press parts. These products are well known for their accurate dimension, corrosion resistance, ease of installation, durability, precise design, sturdiness, and rust resistance. The offered products are manufactured using high-quality raw materials and the latest technology in conformity with international standards. The offered range is tested on distinct parameters using advanced testing devices by our quality inspectors in order to deliver flawless products at the client's end. In addition to this, we are instrumental in trading and supplying an excellent quality range of Industrial Filters. These products are obtained from certified vendors of the industry.

We have a well-established infrastructure setup that is furnished with advanced tools and machinery that helps us to manufacture the best quality products. This infrastructure unit is divided into various divisions, such as manufacturing, procurement, quality control, warehouse and packaging, sales and marketing, etc. We have equipped the latest machinery and tools in our production unit that enables us to manufacture an excellent range of products. In order to progress the output of our firm, all these parts are properly operated by our well-trained workforce.

Sister Firms

Fulchand Danmal & Co.

We were established in the early eighties leading importer and exporter of metal scrap, metal sheets, and all types of wires. Bahrain and Gulf countries being the major where we are active for this firm.

Unnatii Construction Firm

Since its inception in 1980, Unnatii World has occupied a trusted position in Pune's real estate world with its exemplary residential and commercial projects. The group has come a long way and has established itself amongst the reputed builders of Pune. Over the span of 3 decades, the group has successfully delivered over 10 lakh sq. ft. of construction area, with another 10 lakh sq. ft. under development across many prime locations in Pune.

Why Choose Us?

Through our combination of deep industry knowledge and use of leading-edge technologies, we deliver high-quality products.

Here are a few factors that define our success:



In-depth
Industry
Knowledge



Fast & Reliable
Turn Around
Time



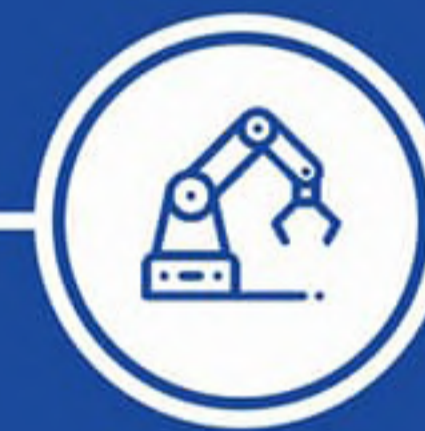
Transparent
Business
Dealings



Qualified &
Trained Team
of Professionals



Market
Leading
Prices



State of the Art
Machinery



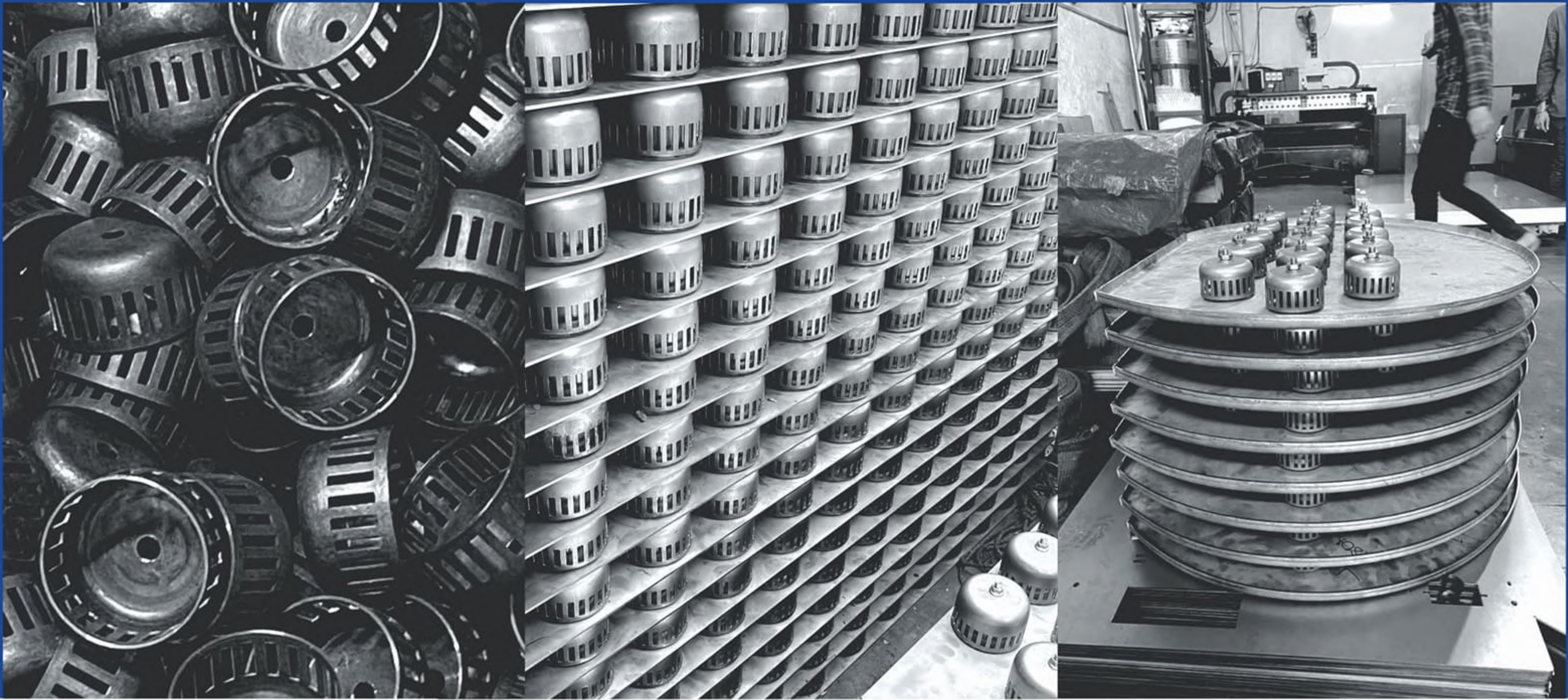
Customizable
Solutions



Forward &
Backward
Integration



Strong
Goodwill



Product No.1

Bubble Caps & Trays

Bubble caps are one of the devices in large-diameter fractional distillation columns that are designed to produce a bubbling action to exchange the vapor bubbles flowing up the column. A bubble cap tray has a riser fitted over each hole, and a cap that covers the riser. The cap is mounted so that there is a space between riser and cap to allow the passage of vapor. These are used in the process of fractional distillation usually in 3" and 4" sizes where the liquid loads are low and a very high turndown ratio is expected. These trays have the widest operating range due to leak tight design. A variety of designs can be customized in these trays as per requirements of the customer.

Features

- * A wide range of turndown ratios without weeping
- * Dimensional accuracy
- * Precise design
- * Widest operating range due to leak-tight design
- * High efficiency
- * Available in standard for 3" and 4" and slotted type for 6"



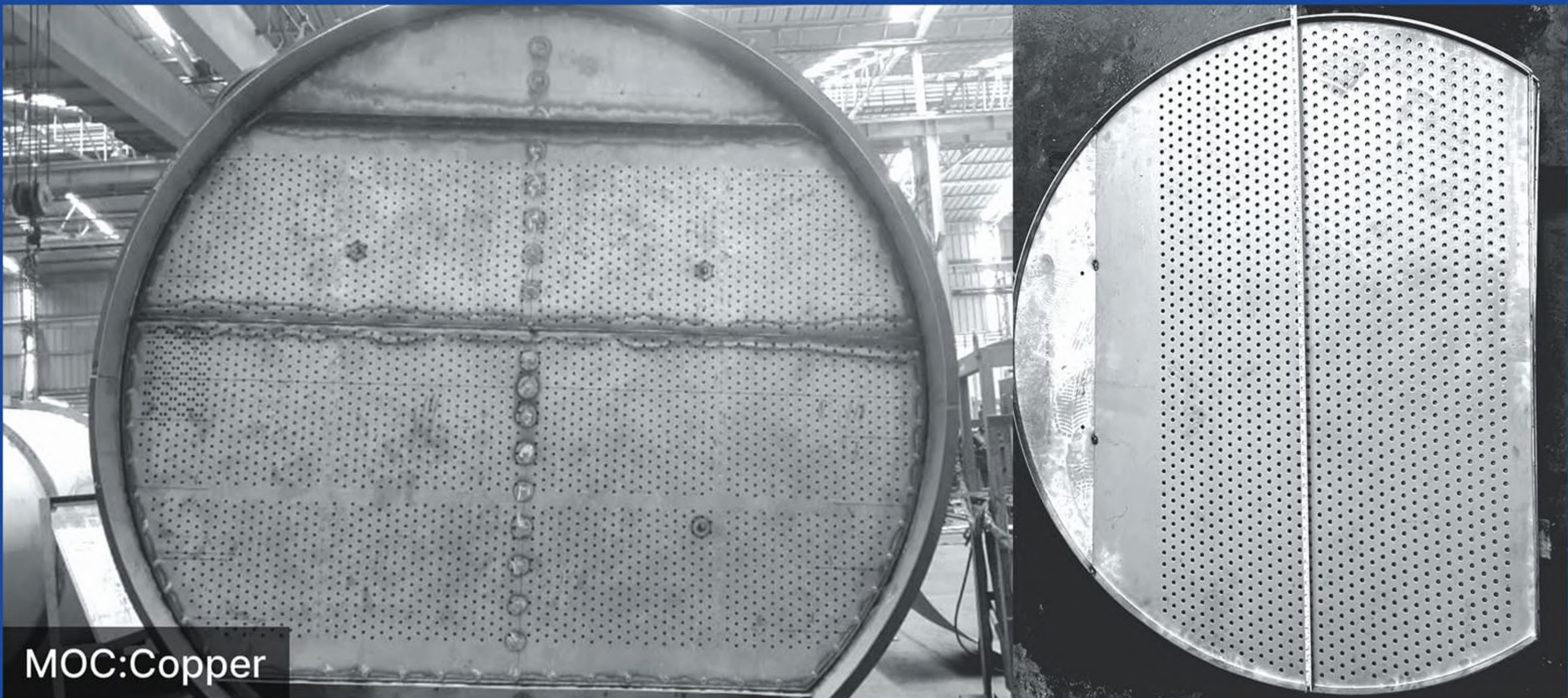
Product No.2

Grid Trays (V-Grid)

In the stationary grid tray, each tray opening includes a trapezoidal aperture in the plane of the tray deck, and a stationary deflector which overlies and is aligned with the aperture. The deflector and the adjacent deck surface define lateral outlet slots oriented to direct vapor which passes up through the aperture in directions generally transverse to the flow direction of liquid on the tray deck. These trays are aimed to increase the tray load flexibility and to reduce tray back mixing and hence increase tray efficiency. V-Grid tray technology utilizes fixed valves and combines the attributes of sieve holes and float valves. V-Grids offer low pressure drop while delivering high tray performance in terms of capacity and efficiency.

Features

- * Excellent quality
- * Easy to fit
- * Highly durable
- * Lower froth height, less entrainment due to lateral vapor release
- * Increased capacity and improved turndown compared to sieve trays
- * High efficiency over a wide operating range through improved vapor-liquid contact
- * Superior mechanical strength due to increased stiffness of tray deck, no moving parts and therefore no wear
- * Excellent fouling resistance (for large fixed valves)



Product No.3

Sieve Trays

It is a simple tray with holes in it and is demanded in water purification and chemical industries for distillation purposes. Sieve trays are widely accepted as a low cost mass transfer device where high turndown is not required. We offer all common sieve tray designs including smaller holes for higher vapor capacity and venturi holes for lower pressure drop.

Features

- * It has a sturdy design
- * Corrosion resistance
- * Easy to install
- * Cost competitive solution
- * Variation of sieve hole sizes from 5 mm to 25 mm for different capacity and pressure drop requirement
- * Venturi holes available to achieve even lower pressure drop



Product No.4

Deep Drawn Products

Deep drawing of precision metal components and parts featuring tolerances to ± 0.0001 in. Produced from a variety of metals that include stainless steel, copper based alloys, titanium, precious metals as well as glass sealing alloys. Slotting, flaring & hole punching secondary services available. Industries served including medical, automotive and electronics.

Features

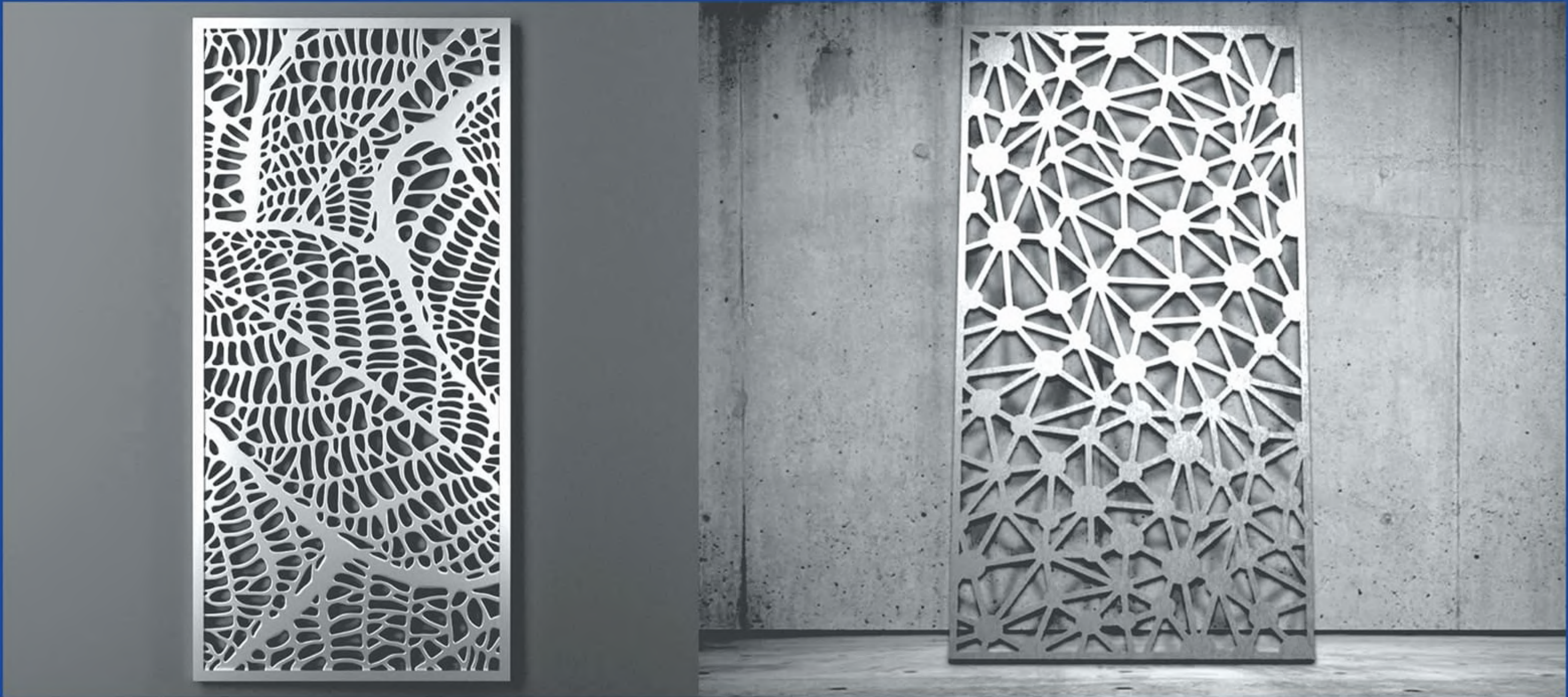
- * Excellent cooling ability
- * Excellent film strength



Product No.5

All Types of Sheet Metal Components

We produce all types of press parts that can be used in various press applications. Offered range has been widely appreciated in the markets for its comprehensive features of efficiently cutting and embossing over metal sheets.



Product No.6

Interior Panels

We manufacture high-quality and different types of interior panels. These products are designed by utilizing high-grade input factors. Offered products are highly appreciated across the market for distinguished finesse and features.

Features

- * Damage resistant
- * Low maintenance
- * Longer service life



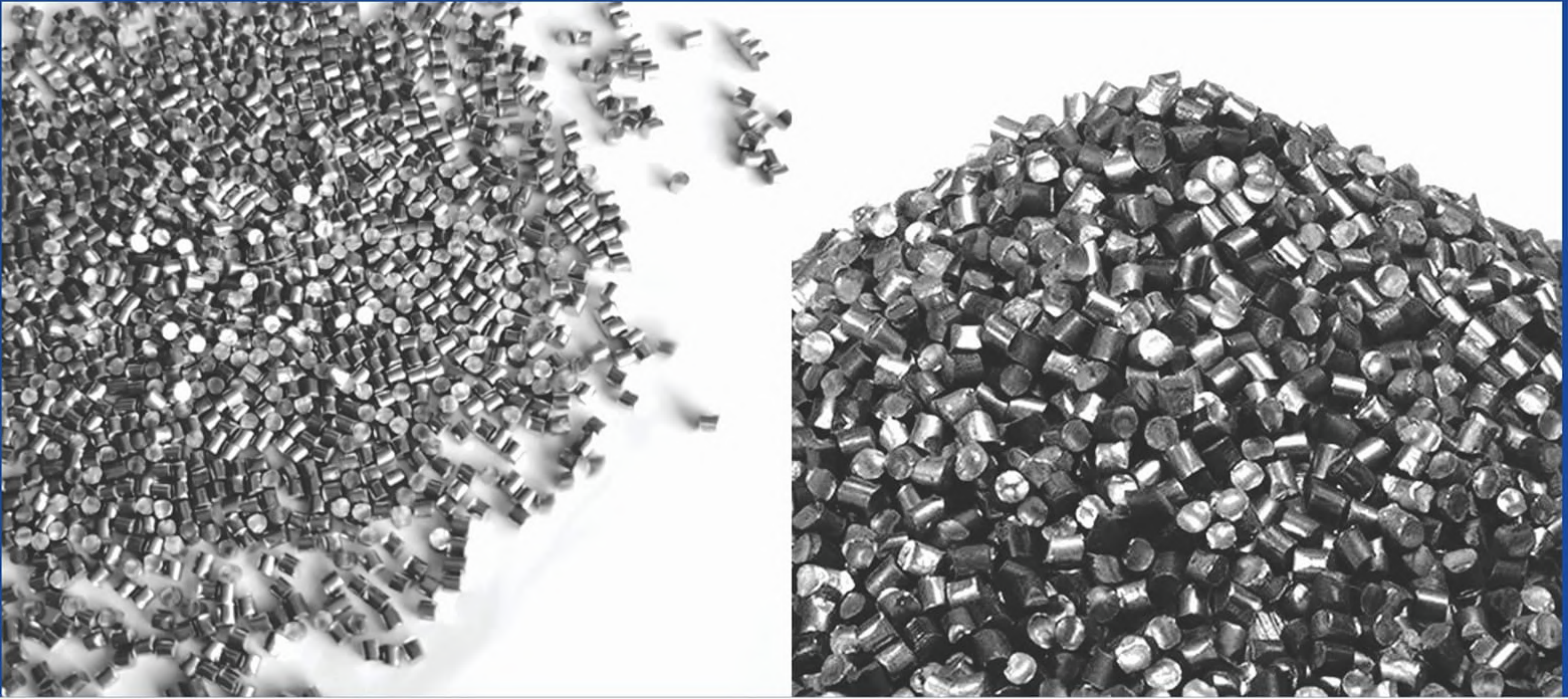
Product No.7

Facades

We manufacture wide range of facades. Using the best quality material, we are successfully offering high-quality facades to our clients.

Features

- * Weather resistance
- * High capacity



Product No.8

Wire Bits

Various bits or shots are used in distillation process. We provide high-quality shots that are used in the industrial distillation processes.

Features

- * Easy to handle
- * Damage resistant



Industries We Serve



Biofuels



Kitchen Appliances



Automotive



Energy

Our Clients



Innovate • Integrate • Deliver

Praj Industries Ltd.



Alfa Level



Forbes Marshall



Whirlpool



Elica



Shree Renuka Sugars Limited

Renuka Sugar



KBK Biotech



Mojj Engineering



Regreen Excel Engineering



Kalpataru Group



Our Machinery







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