

Complete spray drying solutions

>> *Precision in Every Particle*



GST no  
24DHHPG2472P1Z0

## About Us



At Axar enterprise, we specialize in the design, manufacture, and supply of advanced spray drying systems for a wide range of industrial applications. With 15 years of experience and a deep understanding of drying technologies, we have become a trusted partner for industries that demand precision, efficiency, and consistent product quality.

Our spray dryers are engineered to convert liquid or slurry feed into fine, dry powders in a single, efficient process making them ideal for heat sensitive materials and products requiring strict particle size control. From lab scale units for R&D to custom built production scale systems, we offer complete spray drying solutions tailored to your process needs.

Axar enterprise is a trusted name in the dryer industry, offering high-performance and energy-efficient drying solutions for commercial, and industrial use with a commitment to innovation and sustainability.

## What we do

Driven by innovation and backed by a skilled technical team, we deliver turnkey systems for industries including:

Agrochemicals



Food & Beverages



Dairy



Effluent Plant



Pharmaceuticals



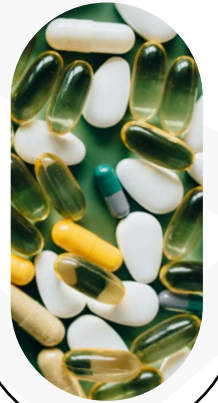
Chemicals



Ceramics



Nutraceuticals



We take pride in our in-house engineering, high-quality fabrication standards, and commitment to after-sales support. Every system is built to comply with GMP, FDA, and international quality standards, using robust materials like SS304 / SS316L for critical contact parts.

Whether you're a start-up in need of a pilot dryer or a large-scale manufacturer requiring a fully automated drying plant, Axar Enterprise has the expertise and solutions to support your growth.

## Our Mission

Our mission at Axar enterprise is to deliver innovative, reliable, and energy-efficient spray drying solutions that help industries transform liquid products into high-quality powders with precision and consistency.

We are committed to:

- Engineering customized spray dryer systems that meet the unique process needs of our clients.
- Promoting sustainable manufacturing practices through energy-saving designs and eco-conscious technologies.
- Providing end-to-end support, from design and installation to commissioning and after-sales service.
- Investing in research and development to stay ahead in drying technology and process optimization.
- Building long-term partnerships based on trust, performance, and customer satisfaction.

Through our mission, we aim to empower businesses across pharma, food, chemical, dairy, and allied industries with superior drying systems that improve productivity and product quality.



## What Defines Us

We are defined by our ability to blend engineering excellence with customer-centric solutions. With deep expertise in spray drying technology, we go beyond manufacturing equipment we deliver end-to-end solutions that ensure efficiency, quality, and reliability. Our strength lies in understanding diverse industry needs, customizing each system to perfection, and supporting clients long after installation. What truly defines us is our commitment to innovation, integrity, and lasting partnerships, making us a trusted name in spray drying solutions worldwide.



## Our Services

At AXAR, we provide more than just equipment we deliver complete spray drying solutions tailored to your industry needs. Our services include:

### **Custom Designed Spray Dryers :**

Engineered to suit specific product and process requirements.

### **Turnkey Solutions :**

from concept, design, and manufacturing to installation and commissioning.

### **Pilot & Lab-Scale Trials :**

helping clients test, optimize, and scale up their processes.

### **Spare Parts & Upgrades :**

helping clients test, optimize, and scale up their processes.

### **Operation & Maintenance Support :**

technical training, troubleshooting, and after-sales service.

### **Process Optimization & Consultancy :**

improving efficiency, energy savings, and product quality.

We ensure every service is backed by our 15+ years of expertise and commitment to reliability, innovation, and timely delivery.



# Our Products

## Spray Dryer

A Spray Dryer is a continuous drying system widely used in the food, pharmaceutical, chemical, and ceramic industries to transform liquid feed into a uniform, fine, free-flowing powder. It is highly efficient, hygienic, and capable of producing consistent particle size.

### Working Principle

- The liquid/slurry is atomized into fine droplets using a rotary or nozzle atomizer.
- Hot air is introduced into the drying chamber, causing instant evaporation of moisture.
- Dried powder is collected through cyclone separators, bag filters, or scrubbers.

### Key Features

- Uniform particle size distribution
- High thermal efficiency with minimal product degradation
- Suitable for heat-sensitive materials
- Fully automatic operation with PLC/SCADA controls
- Easy cleaning and maintenance

### Applications

- Food & Dairy: Milk powder, coffee, flavors, starch
- Pharmaceuticals: Enzymes, antibiotics, herbal extracts
- Chemicals: Detergents, dyes, pigments, resins
- Ceramics & Minerals: Alumina, silica, clays

## Spray Dryer



### Advantages

- Converts liquid to powder in a single step
- Retains product quality, aroma, and nutritional value
- Scalable from lab to industrial production
- Continuous and controlled process

## Our Products

Flash Dryer



Spin flash dryer



Vibratory Fluidized Bed Dryer



Bagfilter



Reactors



Wet scrubber pollution control System



Heat Exchangers



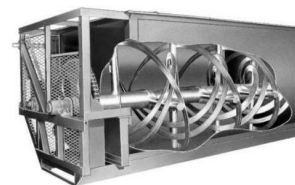
Pressure Vessels



Screw Conveyor



Ribbon Blender



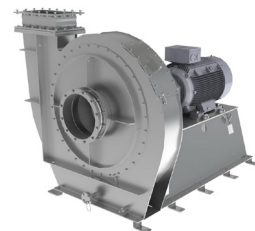
Expansion Metallic and Silicon Bellow



Sand mill



Industrial Blowers



Hot air generator



Strainer



## Critical Spares for SPD

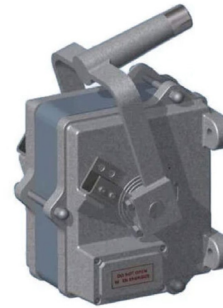
**ATOMIZER**



**Rotary Air Lock Valve**



**Electro magnetic Hammer**



**CIP Nozzles for CIP Cleaning**



**Oil Lubrication System**



**Silicon Gasket and Rubber**



**Stator and Rotor for Pumps**



**ATOMIZER Belt**



## Why Choose Us

**Custom-Built Solutions  
for Every Requirement**

**End-to-End  
In-House Capabilities:  
Design > Manufacture  
> Commissioning**

**Global Footprint with  
Timely Delivery**

**15+ Years of Experience  
& 25+ Installations**

**Strong After-Sales &  
Service Support**

**Proven Expertise Across  
Diverse Industries**

## Our Client's

Over the years, we have proudly partnered with leading companies across the globe, serving industries such as food & dairy, pharmaceuticals, chemicals, nutraceuticals, ceramics, and agrochemicals. Our growing client base is a testament to the trust, reliability, and consistent quality that define every project we undertake



AksharChem





## Head Office

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## Workshop

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