

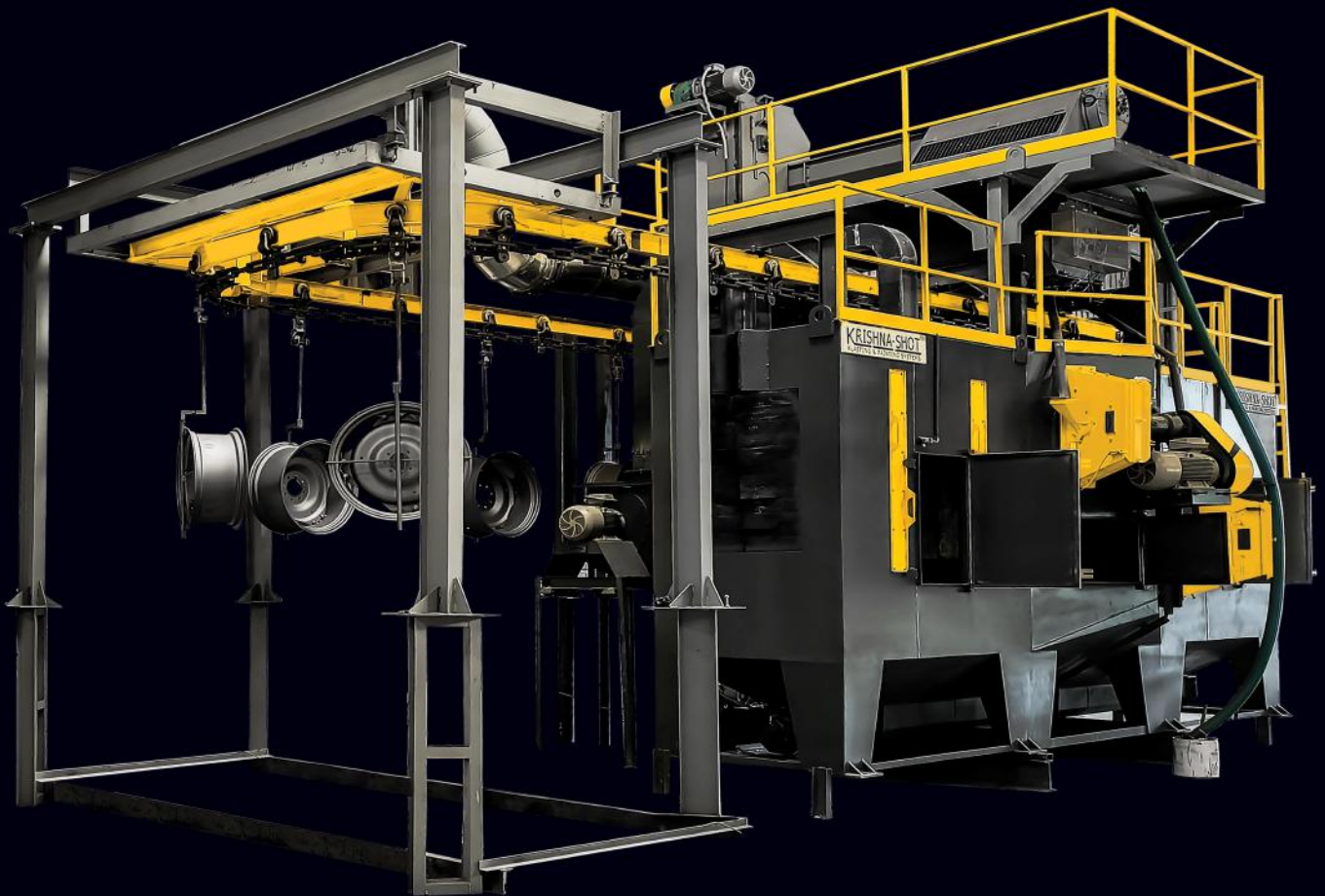
**KRISHNA-SHOT**<sup>®</sup>  
BLASTING & PAINTING SYSTEMS

PROVIDING  
SURFACE

# FINISHING SOLUTIONS

SINCE 2004

India's no. 1 Brand in shot blasting & painting systems



[www.krishnashot.com](http://www.krishnashot.com)



# WELCOME TO KRISHNA SHOT BLASTING & PAINTING SYSTEMS

INDIA'S LEADING MANUFACTURER OF  
SHOT BLASTING & PAINTING SYSTEMS

Krishna Shot is a fast-growing company in India, specializing in the manufacturing of shot blasting and painting booth systems, powder coating, and dust collectors.

## SINCE 2004

KRISHNA SHOT we are the vanguard of technical ingenuity and craftsmanship in the realm of shot blasting and painting booths.

**Technical Mastery Beyond Compare** Our engineering team is an unparalleled force, a collective of individuals whose expertise transcends the conventional boundaries of technical proficiency. Armed with over 18 years of specialized knowledge in the intricate Manufacturing & Redeveloping design of shot blasting machines, shot blasting rooms, and paint spray booths, and further bolstered by an impressive track record of over 18 years in the hands-on manufacturing of these systems, we stand as the epitome of technical excellence.

**Precision Engineered to Perfection** Precision isn't just a word in our vocabulary; it's the cornerstone of everything we do. From the inception of a concept to the meticulous design of each component, from the precision-driven manufacturing process to the intricate installation of our solutions, our unyielding commitment to engineering perfection knows no bounds. Our highly skilled team is not just a workforce; they are artisans in the craft, orchestrating every facet of production, installation, commissioning, and servicing with an unwavering dedication to the art of precision engineering.

**Embark on a Technical Odyssey** We extend an invitation to immerse yourself in the world of technical prowess through our comprehensive product catalogue, thoughtfully included herein. Within its pages, you will encounter a showcase of our cutting-edge shot blasting machines, intricately designed shot blasting rooms, and state-of-the-art paint spray booths. This catalogue stands as a testament to our relentless commitment to pushing the envelope of precision engineering.

**Choose KRISHNA-SHOT for Technical Excellence** When you choose KRISHNA-SHOT, you are choosing not just a partner but a connoisseur in the art of precision engineering. Our multifaceted portfolio of precision-crafted equipment is not designed to merely meet your technical expectations; it's engineered to far exceed them. Forge a partnership with us, and together, we will venture into uncharted territories of technical excellence.

**Experience the KRISHNA-SHOT difference**, where technical engineering reaches its zenith. Contact us today to embark on a technical odyssey in the world of shot blasting and painting booths, and witness the symphony of technical brilliance.



## OUR VISION

To grow into Business Power-House that runs on the shared vision of Innovation & customer satisfaction.



## OUR MISSION

To design, Manufacture and Service of Sand/Shot blasting solutions for our customers that will help shape the future of Surface Finishing industry, both In India and Internationally.



## OUR VALUES

- \* Trust
- \* Honesty
- \* Innovation
- \* Quality



**18+**

Years Experience

Krishna Shot Blasting (I) Pvt. Ltd. was established in 2004 by our honorable founder Mr. Badri Malviya. KSB has always operated on 4 strong pillars of Trust, Honesty, Innovation and Quality



**3**

Manufacturing plants

Machines of world class quality and the highest selling brand in the sector, KSB Paint Booth is the first Machinery to be manufactured in-house



**350+**

Well qualified trained & skilled work force

KSB is pioneer in bringing corporate culture to Shot-Sand Blast industry. A benchmark for others to follow. Goal : Customer Satisfaction.



**12000+**

Installations

Guidance for suitable solution Team of experts engage with you to understand your need & guide you in selection Live Demo & training is on after.



**70+**

On-field service engineers

Dedicated customer care, Region wise Service teams, at your service. KSB has highest number of service engineers in the field. Also on call, for telephonic guidance



**Spares**

Availability at reasonable cost

Spare-parts are crucial in any machinery. We maintain huge stock of all standard spare parts for immediate replacement.



**700+**

Machines mfg. per annum

More than 3 Lakh sq.ft of manufacturing floor. A truly automated facility with systems and equipments for world class manufacturing.



**Total Customer**

Satisfaction

Quality + Best Deals + On-time service ensure most satisfied customers. Thousands of satisfied customers, make KSB the 1st choice in the industry.



**15+**

Countries

KSB has world-class offices in major cities. In essence, KSB machines are installed in various countries.



**service**

Customer Care  
+91 97724 58104  
+91 93588 39271



**spares**

+91 97724 58104  
+91 88249 76105



**support**

info@krishnashot.com  
sales1@krishnashot.com  
marketing@krishnashot.com

- \* Online technical assistance
- \* Training sessions
- \* Dedicated Service Team of 70+ engineers across India
- \* Spare availability at reasonable price



# BLAST ROOM SYSTEM

In general, the blast room system has been offered by Krishna Shot in the enormous range and it has been customized to overcome the residual paint issues from the enamel fumes and materials. Blast Room System are providing modular Blast Room System which is effectively illuminated, ventilated, dust free, separated abrasive blasting with sealed and entirely steel manufactured enclosure or structure. There is no additional support needed for it. It has been enclosed with the easy erection by bolting and does not need welding on site effectively.

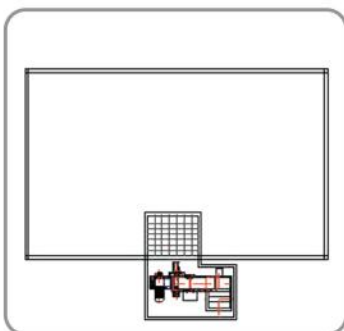


# TYPES OF RECOVERY FOR BLAST ROOM SYSTEM

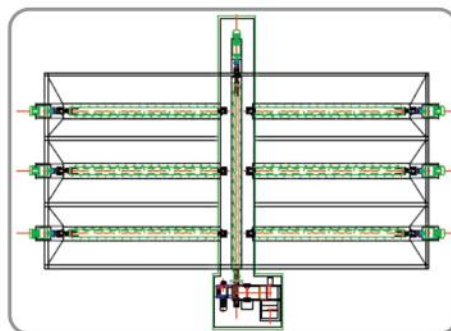
- \* Enclosure including rubber lining, control panel, illumination, doors, and Air Louvers.
- \* Blasting Machine : Remote controlled blasting machine model KSBIP-L-P7-501R & KSBIP-L-P7-1001R with operator safety wears.
- \* Dust Collector : Cyclone type Dust Collector, Pulse Jet type (Pleated filter) Dust Collector and Pulse Jet type (Cartridge filter) Dust Collector.
- \* Recovery Systems: According to the size of the blast room, customer's need and production rate, the recovery system consists of enormous ranges:

- Recessed Hopper with Bucket Elevator
- Single Screw Recovery System
- H Shape Screw Conveyor Recovery System
- U Shape Screw Conveyor Recovery System
- Full Floor Recovery System
- Scraper Type Recovery System

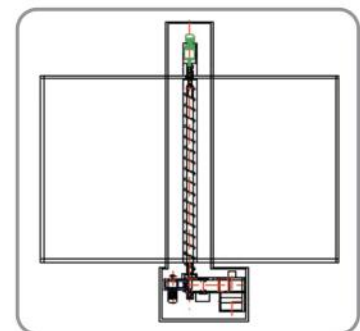
- \* Material & Handling : Manual and Motorized work cart, fork lift, EOT etc.



Recessed hoper



Full floor screw conveyor



Single screw conveyor

# SELECTING BLAST ROOM WITH CYCLONE DUST COLLECTOR

The construction of a blast room involves sturdy walls and flooring made from materials that can withstand the abrasive impact and protect the surrounding environment from the blasting process. Often, these rooms have specialized ventilation systems to control dust, debris, and air circulation within the enclosure.

The cyclone dust collector is a vital component of the blast room setup. It's designed to capture and remove airborne particles generated during the abrasive blasting process. Cyclone collectors use centrifugal force to separate dust and particles from the air by causing them to spiral downwards due to their weight. As the air spins, the heavier particles are forced against the walls and collected at the bottom, while the cleaned air is discharged.

Combining a blast room with a cyclone dust collector is a crucial safety and efficiency measure in abrasive blasting operations. It not only enhances the working conditions for personnel but also aids in compliance with environmental and safety regulations by controlling the spread of abrasive materials and contaminants.





# SELECTING BLAST ROOM WITH PULSE JET DUST COLLECTOR



Blast rooms can range from small, enclosed booths for localized work to larger rooms accommodating sizable objects like automotive parts, machinery, or even entire structures. Equipped with safety features like proper ventilation, lighting, and sometimes soundproofing to ensure a safe working environment for operators. Includes systems for handling and recycling abrasive materials, ensuring efficiency and cost-effectiveness by reusing the blasting media.

A pulse jet dust collector is a crucial component within a blast room. Its primary function is to remove airborne dust and contaminants generated during the blasting process. Utilizes a series of filters or bags that capture dust particles from the air. These filters are periodically cleaned by a high-pressure burst of air, dislodging the accumulated dust into a collection hopper for disposal or recycling. Highly efficient in capturing fine particulates and maintaining air quality within the blast room, safeguarding both the environment and the health of workers. Requires regular maintenance to ensure proper functioning, including filter replacement, cleaning cycles, and monitoring of airflow to optimize performance.

Cleaner Environment: The pulse jet dust collector significantly reduces airborne particles, creating a cleaner working environment and preventing contamination of surrounding areas. Helps facilities comply with environmental regulations by controlling emissions and maintaining air quality standards. Minimizes exposure to harmful dust, protecting the health of operators and other personnel working in or around the blast room.



# BLAST ROOM WITH MOTORIZED TROLLEY & SHUTTER DOOR

A blast room with a motorized trolley and a shutter door is a specialized setup used in various industries, especially in surface preparation and cleaning processes like sandblasting or shot blasting. The room is designed to contain the blasting process while allowing for easy movement of materials and equipment.

The motorized trolley is typically used to move heavy objects or materials within the blast room. It provides a convenient way to transport items to different areas for blasting or to position them optimally for the process.

The shutter door serves as the entrance and exit point of the blast room. It's designed to open and close quickly, allowing for easy access for the trolley and materials while also sealing the room during the blasting operation to prevent abrasive materials from escaping.

These types of setups are crucial for efficiency and safety in industrial processes. They offer controlled environments for blasting operations, ensuring that the abrasive materials are contained and that workers are protected from the hazards associated with the process.







# AUTOMATIC BLAST ROOM WITH CONVEYOR

Large-scale turnkey projects like an automatic blast room with conveyor systems installed in industries such as Amaann can signify substantial advancements in manufacturing and surface treatment capabilities. Integrating automated solutions in industrial settings often leads to increased efficiency, improved quality control, and enhanced productivity.

A turnkey project typically involves providing a complete solution from design and installation to commissioning a fully operational system. With an automatic blast room and conveyor system, the benefits could include:

Automating the blasting process along with conveying can significantly increase the throughput of materials or products being treated, reducing manual labor and operational time. Consistency: Automated systems ensure consistent treatment across all processed items, leading to uniform quality in the finished products.

Automated systems often come with advanced safety features to protect workers from exposure to abrasive materials and ensure compliance with safety regulations. Depending on the needs of Amaann Industries, the system might be tailored to suit their specific manufacturing requirements and the materials they work with. Such projects often represent a substantial investment in technology and infrastructure and signify a commitment to modernizing manufacturing processes. They can also contribute to long-term cost savings and improved overall efficiency in the production line.



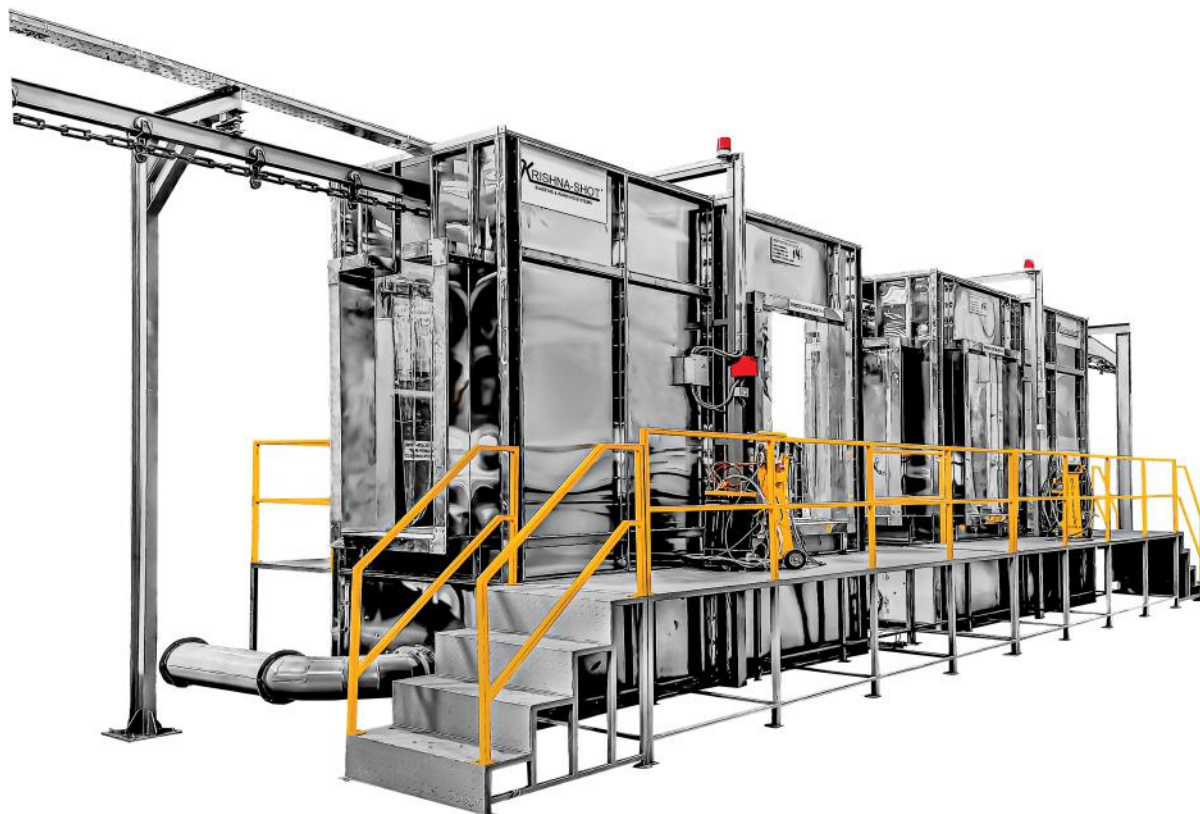


# POWDER COATING WITH CONVEYOR

Powder coating with conveyor systems is a common method used in industrial settings for efficient and consistent coating of various products. The process involves using electrostatically charged powder particles that adhere to a surface and then curing the coating to create a durable finish.

**Surface Preparation:** Before the coating process begins, the products or materials are usually cleaned and prepared to ensure proper adhesion of the powder coating. The powder coating material is applied using specialized equipment such as spray guns or powder booths. These guns electrically charge the powder particles, which are then attracted to the grounded object being coated due to the electrostatic effect. A conveyor system is employed to move the products through the coating process efficiently. It ensures a continuous and uniform application of the powder coating onto the surfaces of the items.

The conveyor can be designed to accommodate various shapes and sizes of products. After the powder is applied, the products travel through an oven on the conveyor belt. The high temperature in the curing oven melts and fuses the powder particles, creating a smooth, durable, and resilient coating. The curing process depends on the type of powder used and typically lasts for a specific duration at a specified temperature. Once the curing process is completed, the coated products are cooled down before inspection. Inspection is crucial to ensure the quality and uniformity of the coating.





# BAKING OVEN WITH CONVEYOR

It sounds like you might be referring to a commercial baking oven with a conveyor belt system. These ovens are commonly used in bakeries and large-scale baking operations to efficiently bake a continuous stream of products like bread, cookies, pizzas, and more.

The conveyor belt allows for a consistent flow of items through the oven at a controlled speed, ensuring even baking and a higher production rate. The oven's temperature, speed of the conveyor belt, and sometimes even the humidity can be adjusted to achieve the desired baking conditions for different types of products.

These ovens are versatile and efficient, making them popular in the food industry where consistent quality and high volumes are necessary. They come in various sizes and configurations to suit different baking needs, from small countertop versions to large industrial models.



# PAINT BOOTH SYSTEM

KRISHNASHOT is a leading company which brings out the huge selection and also remarkable paint spray booth in the world-class level. Paint Spray Booth undergo to manufacture with the brand and standard test raw material to meet special comfort to make use at every time. Our professional team and engineers are active to give hand at every time. On the other hand, our Paint Spray Booth is built with user-friendly and highly safer for human.

- \* Vertical Down Draft Type
- \* Semi Down Draft / Side Draft
- \* End Draft Type
- \* Water Curtain Type
- \* Front Open Dry Type
- \* Pressurized Paint Cum Baking Booth
- \* Dry type Open Paint Spray Booth



# VERTICAL DOWN DRAFT

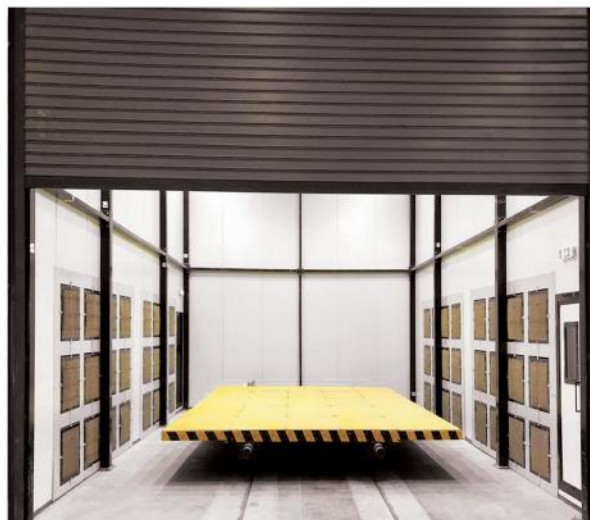
This type of system has air flow which takes filters placed at the topmost walls. It should soak the extra fumes from the atmosphere of booth filter glass. It is placed at the bottom side and it should get from Down Draft Paint Spray Booth. This includes a centrifugal fan which has been operating with floor level by spray booth. It includes filters that are meant for air intake by placing with arrested filters which absorb quickly. It determines an actual range by absorbing with a centrifugal fan.



# SEMI DOWN DRAFT/ SIDE DRAFT

Based on the customer's application, the Semi Down Draft/ Side Draft Paint Spray Booth has been designed by Krishnashot, Semi down Draft Paint Spray Booth.

It also consists of pre and ceiling filters at the top layer of the paint spray booth, in order to grab the advantages of dust-free air or fresh air from the exterior of the environment and by holding the pressure, the air will get down at the paint spray booth's side walls by Semi down Draft Paint Spray Booth.



# PRESSURIZED PAINT CUM BAKING BOOTH



- \* Suited for enclosed dust free painting requirements in automobile, handicrafts etc.
- \* Paint curing in enclosed environment @60° to 80° C for 30 minutes curing schedule.
- \* Full roof filtration ensures uniform filtered laminar flow.
- \* Imported burners and filters.
- \* Dust free working environment with in built curing facility.



## END DRAFT TYPE PAINT SPRAY

Based on the customer's application, the End Draft Paint Spray Booth has been designed by Krishnashot. It also consists of pre and ceiling filters at the top layer of the paint walls spray booth, in order to grab the advantages of dust-free air or fresh air from outside and by holding the pressure, the air will get down at the paint spray booth's End/Back walls by End Draft Paint Spray Booth. Here, at that time, in order to absorb the extra impurities and fume from inside the paint spray booth, the process has been takes place by End Draft Paint Spray Booth. The major reason it has been known as End Draft Paint Spray Booth, is because at the Back walls, the paint trap filters have been placed.





# PAINT BOOTH WITH SHUTTER DOOR



A paint booth with a shutter door is a specialized enclosure used in automotive or industrial settings for painting vehicles, parts, or other objects. The shutter door serves as an entry and exit point, providing easy access to the booth for vehicles or equipment.

These booths typically include:

The booth is an enclosed area designed to prevent dust, debris, and other contaminants from affecting the paint job. Ventilation systems ensure proper airflow, removing paint fumes and maintaining a safe environment. Filters help trap overspray and particles, preventing them from contaminating the air or settled surfaces. Adequate lighting is crucial for painters to see the surface they're working on accurately. It helps ensure an even and consistent application of paint. The shutter door allows easy entry and exit of vehicles or items to be painted. It can be opened and closed conveniently, providing access while maintaining the controlled environment inside. Paint booths often have safety features like fire suppression systems or emergency exits to ensure the safety of workers and the facility.

These booths are crucial in ensuring a controlled environment for painting, ensuring the quality of the finish and minimizing environmental impact from paint overspray.



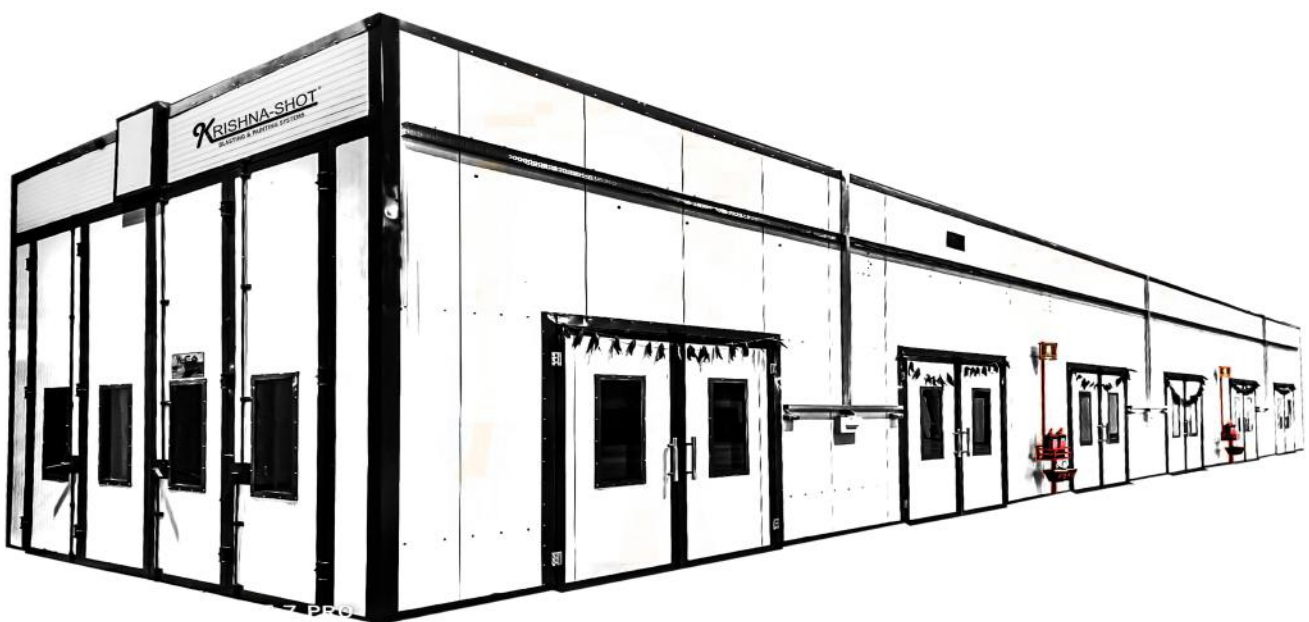


# PAINT CUM BAKING BOOTH

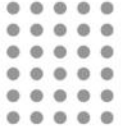
It sounds like you're mentioning different processes or activities that might not naturally go together! Painting, baking, shot blasting—they're all quite distinct.

**Painting:** This involves applying paint to a surface, usually after preparation like priming. It's a way to add color or protection to an object or surface. Often associated with cooking, baking involves using dry heat in an oven to cook food. However, in other contexts, baking might refer to curing or drying certain materials or paints in industrial processes. This is a process used for cleaning, strengthening, or preparing surfaces. It involves propelling small, hard particles at high speeds onto the surface to remove contaminants or old layers of paint, rust, or other surface imperfections.

Combining these processes into a booth could mean having separate sections or areas for each process. For instance, a manufacturing or industrial setting might have different booths or areas for shot blasting, painting, and curing (which could involve baking).







# DRYING OVEN

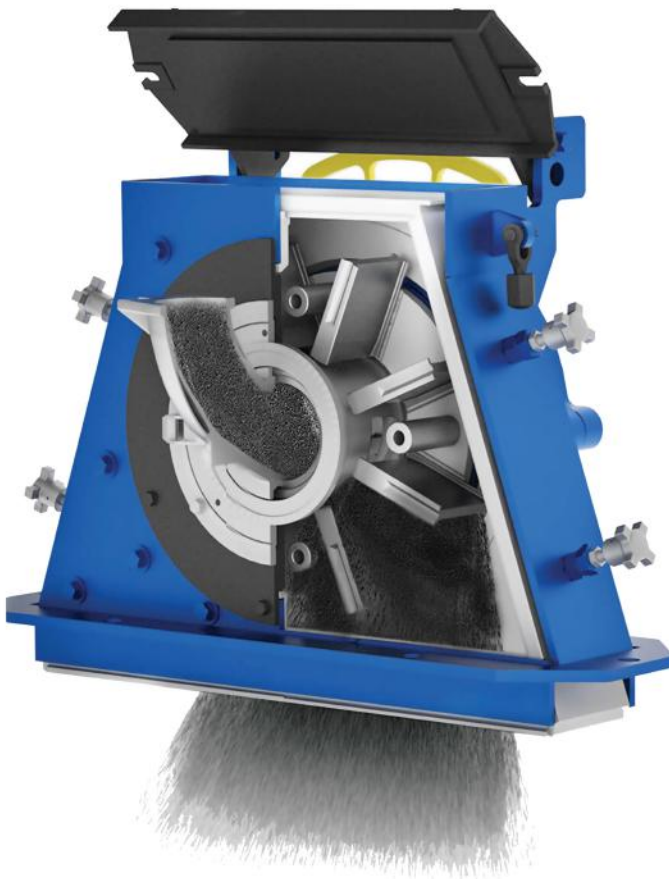
In shot blasting processes, a drying oven might be used to remove moisture from the surfaces of materials after they've undergone the shot blasting treatment. Shot blasting involves propelling abrasive materials at high speeds to clean, smooth, or strengthen surfaces. After this process, it's crucial to remove any moisture introduced during blasting to prevent corrosion or other issues.

The drying oven helps by applying heat to the blasted materials, evaporating any moisture present and ensuring that the surfaces are thoroughly dried before further treatments or coatings are applied. This step is often essential for maintaining the quality and longevity of the treated surfaces.





# WHEEL SHOT BLASTING MACHINES



In which the electrical power is used for the feeding the shots through the turbines electrical power are going by the motor and turbine convert the electrical power into mechanical power and feed the shots (abrasive) with high RPM on a job to clean the surface.

# TUMBLAST SHOT BLASTING MACHINE

Krishna Shot Tum-blast Machine is for blast cleaning /shot peening of small to medium size components in batched quantity. The operation of machine is simple and automatic. The machine will have one motorized tumbler made from endless belt in the blast chamber. Belt will have Chevron Cleats which will provide uniform tumbling. The endless belt will be perforated to allow the fired abrasive to pass through it.

## SPECIFICATION FOR STANDARD MODELS:

| S.No. | DESCRIPTION                      | KSB-2027 | KSB-2736 | KSB-3642 |
|-------|----------------------------------|----------|----------|----------|
| 1     | Work Load capacity - Max Volume  | 2        | 5        | 10       |
| 2     | Work Load capacity - Max Weight  | 100      | 250      | 500      |
| 3     | Max Weight of each work piece    | 8        | 15       | 35       |
| 4     | Turbine size(Hp)                 | 7.5 HP   | 10 HP    | 15 HP    |
| 5     | Dust Collector capacity (Cfm)    | 1200     | 2000     | 3000     |
| 6     | Pleated Bag Filter Area(Sq. Mtr) | 40       | 40       | 60       |
| 7     | Air Purging Arrangement          | Auto     | Auto     | Auto     |
| 8     | Total Power Consumption          | 16.5 HP  | 25 HP    | 30 HP    |



# HANGER TYPE MACHINE

It is a Airless Machine completely automated type shot blasting TYPE machine. It is essential to know that MACHINE our Hanger Type Shot Blasting Machine is entirely based on the wheel blasting concept. It is can be customized based on customer's needs. Hanger Type Blast Shot Blasting Machine offers the best kinds of categories which are useful for customers.



# STONE/MARBLE SHOT BLASTING MACHINE

We design Stone, Marble, Granite Slab Shot Blasting Machine and also install this machine for various jobs of various stone texture and finishing. Our machine is also used for offering aesthetic look and roughness on the stones after successfully installing it over the room flooring and roadside floor.

## SPECIFICATION FOR STANDARD MODELS:

| S.No. | DESCRIPTION / MODEL         | KSB -ST - 1500    | KSB -ST - 2000     |
|-------|-----------------------------|-------------------|--------------------|
| 1     | Passage Opening (mm)        | 1500 x 500 mm     | 2050 x 500 mm      |
| 2     | Roller Width                | 1500              | 2000 mm            |
| 3     | Turbine Size (DxW ) & HP    | 360 x 63 / 10 HP  | 360 x 63 / 10 HP   |
| 4     | Dust Collector Capacity     | 3000 CFM / 7.5 HP | 5000 CFM / 12 HP   |
| 5     | Total Power Consumption     | 40 HP             | 60 HP              |
| 6     | Overall Size of The Machine | 6000x3500x4500    | 6000 x 4500 x 5000 |



# SWING TABLE TYPE MACHINE

We at Krishna-shot is the leading Swing Table Type Shot Blasting Machine Manufacturers are completely innovative in all the aspects. Swing Table Type Shot Blasting Machine has been extensively designed with the airless, automatic as well as simple handled machines for more application. Swing Table Type Shot Blasting Machine Manufacturers Jodhpur brings you the finest rotary table machine that is based on the unique principle with the single as well as double door based on the production rate as well as desired output. It is most suitable for the big to small foundry industries in a more innovative way.

## SPECIFICATION FOR STANDARD MODELS:

| S.No. | DESCRIPTION / MODEL     | KSB - ST - 750    | KSB - ST - 900   | KSB - ST - 1200   | KSB - ST - 1800   |
|-------|-------------------------|-------------------|------------------|-------------------|-------------------|
| 1     | Swing Table Dia (mm)    | 750               | 900              | 1200              | 1800              |
| 2     | Work Load Capacity (kg) | 300               | 400              | 750               | 2500              |
| 3     | Turbine Size & HP       | 305 x 63 / 7.5 HP | 395 x 63 / 15 HP | 495 x 63 / 20 HP  | 495 x 63 / 20 HP  |
| 4     | Dust Collector Capacity | 1200 CFM / 3 HP   | 2000 CFM / 5 HP  | 3000 CFM / 7.5 HP | 3000 CFM / 7.5 HP |
| 5     | Total Power Consumption | 16.5 HP           | 25 HP            | 30 HP             | 30 HP             |



# DIABOLA TUNNEL TYPE SHOT BLASTING MACHINE

Krishna Shot blasting is providing the highest quality Diabola Type Shot Blasting Machine Manufacturers Jodhpur. In addition to this, this type of machine tunnel is operating for varied industrial applications. This continues to rotating on its axis and passing forwards into the tunnel. The shots are occurring from the Diabola Type Shot Blasting Machine Manufacturers Rajasthan which is presented on the surface of the job. From the side of the tunnel, it would be coming out after blasting from all the edges. This is so far carried out by this Diabola Type Shot Blasting Machine Manufacturers India which continues to rotate according to the requirement. It is occurring on the blast wheel on the surface of the job.

#### APPLICATIONS :

1. LPG/CNG Cylinder Shot Blasting.
2. Bright Bar / Rod Shot Blasting.
3. Pipe Shot Blasting.



# BELT CONVEYOR / PAVER BLOCK BLASTING MACHINE

We design Belt Conveyor Type Shot Blasting Machine and also install this machine for various jobs of tiles, pavers, stones, and cement bricks. Our machine is also used for offering aesthetic look and roughness on the pavers after successfully installing it over the room flooring and roadside floor.

## SPECIFICATION FOR STANDARD MODELS:

| S.No. | DESCRIPTION / MODEL         | KSB - PV - 300     | KSB - PV - 600     |
|-------|-----------------------------|--------------------|--------------------|
| 1     | Passage Opening (mm)        | 350 x 200 mm       | 650 x 200 mm       |
| 2     | Belt Width                  | 300 mm             | 400 mm             |
| 3     | Turbine Size(D x W) & HP    | 305 x 63 / 5 HP    | 395 x 63 / 10 HP   |
| 4     | Dust Collector Capacity     | 1200 CFM / 3 HP    | 2000 CFM / 5 HP    |
| 5     | Total Power Consumption     | 14 HP              | 21 HP              |
| 6     | Overall size of the machine | 4000 X 2500 X 4000 | 5000 X 3500 X 4500 |





# PLATE / STRUCTURE SHOT BLASTING MACHINE

We also manufacture Tunnel Type Shot Blasting Machine and we are experienced in machine designing for heavy structures such as plates, beams, angles, and other rods. It is the best machine to collect quality material for a different purpose. It has three purposes such as prepare the areas by cut short impurities from the part of the surface, then die scale give areas to solve the problem of rusting, finally, it removes soft welding flux completely from the given surface.

## SPECIFICATION FOR STANDARD MODELS:

| S.No. | DESCRIPTION / MODEL     | KSB - AT - 4W        | KSB - AT - 6W        | KSB - AT - 8W        | KSB - AT - 10W    |
|-------|-------------------------|----------------------|----------------------|----------------------|-------------------|
| 1     | Passage Opening (mm)    | 1550 x 550           | 1550 x 1050          | 2050 x 1050          | 3050 x 1050       |
| 2     | Roller Width Size       | 1500 mm              | 1500 mm              | 2000 mm              | 3000 mm           |
| 3     | Turbine Size (D x W)    | 395 x 63             | 395 x 63             | 395 x 63             | 395 x 63          |
| 4     | Turbine                 | 10 / 15 / *20 HP x 4 | 15 / 20 / *20 HP x 6 | 15 / 20 / *25 HP x 8 | 20 / *25 HP x 10  |
| 5     | Dust Collector Capacity | 6000 CFM / 15 HP     | 8000 CFM / 20 HP     | 12000 CFM / 30 HP    | 16000 CFM / 40 HP |
| 6     | Total Power Consumption | 115 HP               | 160 HP               | 210 HP               | 320 HP            |



# I-BEAM / H-BEAM / PEB STRUCTURE SHOT BLASTING MACHINE

Roller conveyor system shall be provided on the machine for conveying the jobs into the blast chamber. The capacity of the conveyor shall be evenly distributed. Secondary seals are provided to produce the ingress of abrasive particles and to increase the lift of the bearings. Rollers inside the cabinet will have MN lining for the protection of blast streams.

## SPECIFICATION FOR STANDARD MODELS:

| S.No. | DESCRIPTION / MODEL     | KSB - AT - 4W        | KSB - AT - 6W        | KSB - AT - 8W        | KSB - AT - 10W        |
|-------|-------------------------|----------------------|----------------------|----------------------|-----------------------|
| 1     | Passage Opening (mm)    | 550 x 1250           | 650 x 2050           | 850 x 2250           | 1050 x 2550           |
| 2     | Roller Width Size       | 500 mm               | 600 mm               | 800 mm               | 1000 mm               |
| 3     | Turbine Size (D x W)    | 395 x 63             | 395 x 63             | 395 x 63             | 395 x 63              |
| 4     | Turbine                 | 10 / 15 / *20 HP x 4 | 10 / 15 / *20 HP x 6 | 15 / 20 / *25 HP x 8 | 15 / 20 / *25 HP x 10 |
| 5     | Dust Collector Capacity | 6000 CFM / 15 HP     | 8000 CFM / 20 HP     | 12000 CFM / 30 HP    | 16000 CFM / 40 HP     |
| 6     | Total Power Consumption | 115 HP               | 160 HP               | 210 HP               | 320 HP                |



# CONTINUE CONVEYOR TYPE SHOT BLASTING MACHINE

It is a kind of Airless kind completely automated shot blasting machine. It is essential to know that our Hanger Blast Shot Blasting Machine is entirely based on the wheel blasting concept.

Krishna shot ensures that the rotating spinner is placed within the chamber in this kind of machine. It is the right place where the blasting occurs. Based on the desired output and size of the job.

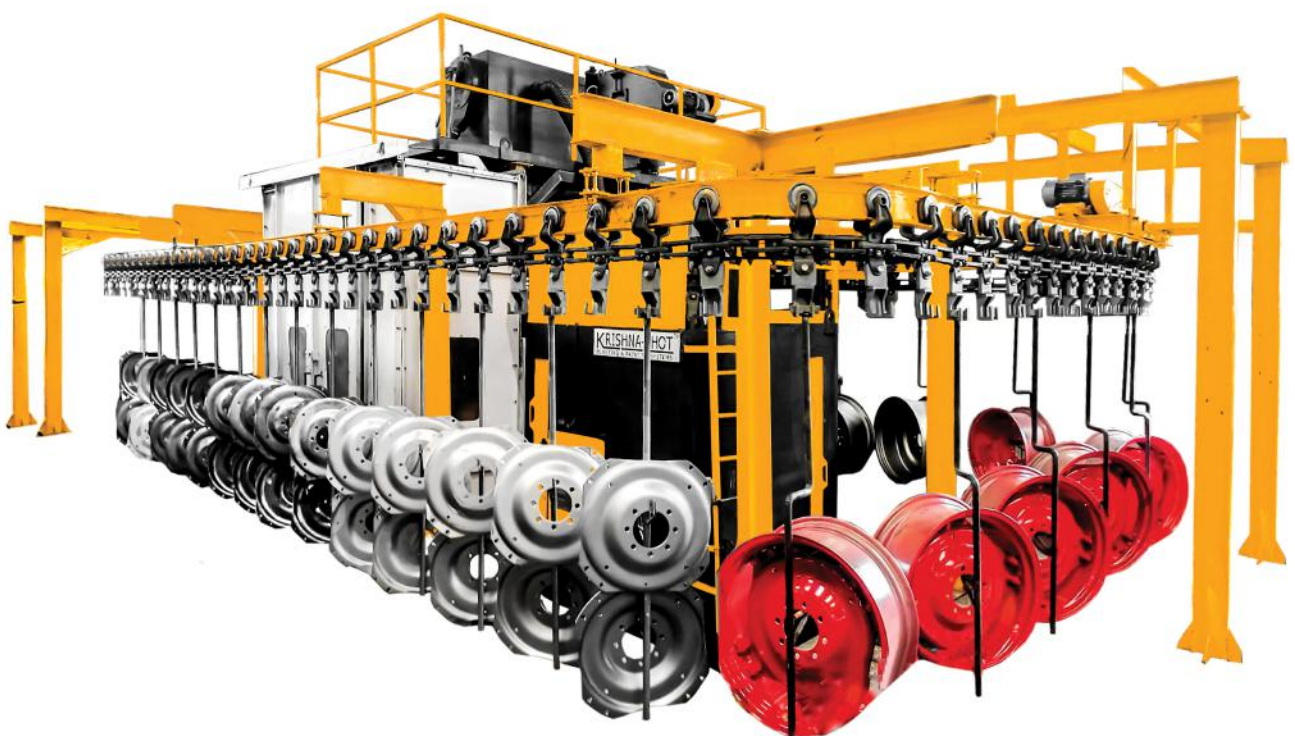


# ALLOY WHEELS SHOT BLASTING MACHINES

A shot blasting machine designed specifically for alloy wheels often involves a specialized setup to clean and prepare the surface of the wheels for painting or finishing. This process helps remove any old coatings, rust, or imperfections to create a clean surface for the subsequent treatment.

A "closed-loop conveyor" typically refers to a system where the material (in this case, alloy wheels) moves through the shot blasting machine in a continuous loop. This conveyor system can be designed to efficiently transport the wheels through different stages of the shot blasting process, ensuring thorough and consistent treatment.

The shot blasting process for alloy wheels involves propelling small metal or abrasive particles at high speeds onto the surface of the wheels. This removes any contaminants, old paint, or debris, resulting in a clean and textured surface that's better prepared for coating or painting.



# VERTICAL SHEET SHOT BLASTING MACHINES

from the steel surface its blasting. The debris is then vacuumed away through a dust extraction system and the usable shot is re-entered into the blasting process. Vertical Shot Blasters are used for blasting vertical surfaces such as walls of industrial oil tanks or ship hulls, in a vertical or horizontal direction.



# SWING TABLE TYPE SHOT BLASTING MACHINES

A swing table shot blasting machine is a type of equipment used for surface treatment, especially in industries where cleaning, preparation, or finishing of large or irregularly shaped workpieces is necessary. The "swing table" aspect refers to the design where the workpiece is typically placed on a rotating table or platform that swings or rotates during the shot blasting process.

This movement ensures that the abrasive particles or shot blasting media can reach all angles and surfaces of the workpiece, providing thorough cleaning or preparation. These machines are especially useful for treating components or parts that have complex shapes or uneven surfaces.

By rotating or swinging the table, the workpiece gets exposed to the abrasive blasting from various angles, ensuring a more uniform and comprehensive treatment.

They're commonly used in industries such as automotive, aerospace, foundries, and metalworking for tasks like removing rust, scale, old paint, or preparing surfaces for coating or painting. The swing table shot blasting machines can vary in size, capacity, and design, depending on the specific requirements of the workpieces being processed and the desired surface finish.



# CONTINUE CONVEYOR SHOT BLASTING MACHINES

"Continuous conveyor shot blasting machines" are specialized equipment used in industries where a continuous and automated process for surface treatment is required. These machines are designed to handle a continuous flow of workpieces, which move along a conveyor system through the shot blasting process.

The workpieces are placed on a conveyor belt or similar system that continuously moves them through the shot blasting machine. As they travel through the machine, they're exposed to high-speed abrasive particles or shot blasting media that are propelled at the surfaces to remove impurities, scale, rust, or old coatings.

These machines are highly efficient for handling large volumes of parts or components that require consistent and thorough surface preparation or cleaning. Industries such as automotive, aerospace, foundries, metalworking, and manufacturing often use continuous conveyor shot blasting machines for various applications, including descaling, surface finishing, and preparing parts for painting or coating.

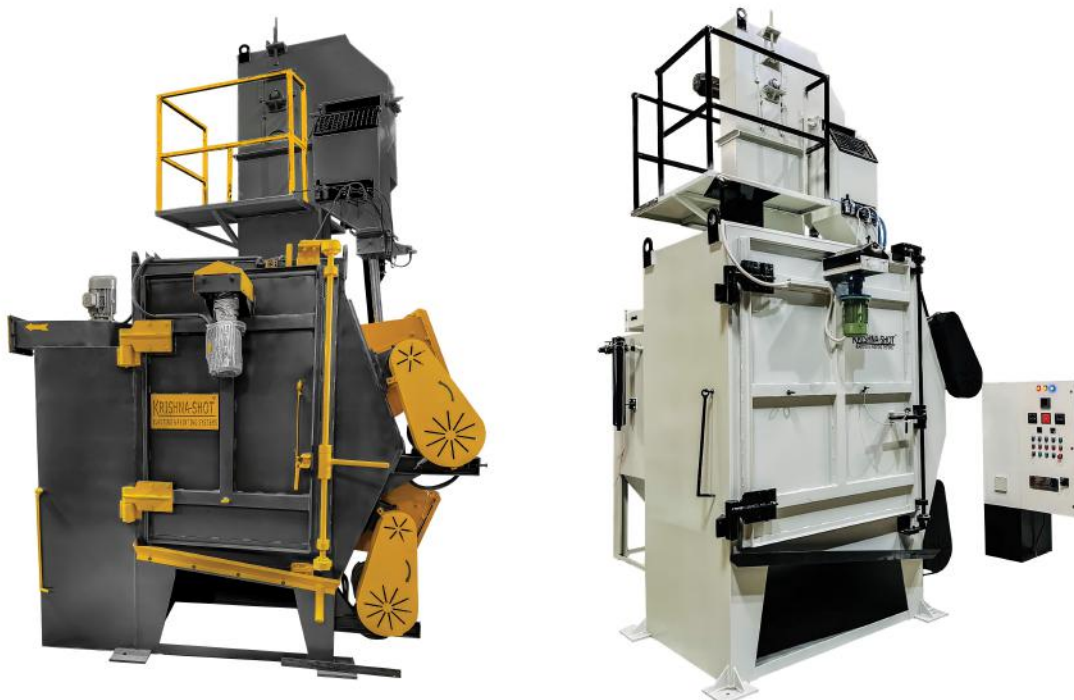


# HANGER TYPE SHOT BLASTING MACHINES

Hanger type shot blasting machines are specifically designed for treating smaller to medium-sized workpieces in industries where surface preparation, cleaning, or finishing is required. The term "hanger type" refers to the method of suspending workpieces from hangers or hooks during the shot blasting process.

Workpieces are hung on hooks, racks, or fixtures which are then moved through the shot blasting chamber. This allows for 360-degree exposure of the workpiece surface to the abrasive blasting. These machines utilize abrasive blasting techniques where high-speed particles or abrasive media are propelled at the surfaces of the workpieces. This process effectively removes contaminants, rust, scale, old coatings, or prepares surfaces for further treatment. Hanger type shot blasting machines come in various sizes and configurations to accommodate different types of workpieces and production requirements.

They can be customized with adjustable hooks, conveyor speeds, blast intensity, and other settings. Commonly used across industries such as automotive, aerospace, foundries, and metalworking, these machines are ideal for cleaning individual components, parts, or products that require precise and thorough surface treatment. By suspending the workpieces, hanger type shot blasting machines ensure that all angles and surfaces of the parts are exposed to the abrasive media, providing uniform and comprehensive treatment.





# TUNNEL TYPE SHOT BLASTING MACHINES

A tunnel type shot blasting machine is an industrial equipment used for surface treatment of large quantities of workpieces in a continuous manner. As the name suggests, these machines are designed in the form of a tunnel or enclosed passage through which workpieces pass during the shot blasting process.

Workpieces are loaded onto a conveyor system that moves them through the tunnel. This allows for a continuous and efficient process, ideal for handling large volumes of parts. The workpieces travel through an enclosed tunnel-like structure where they are subjected to abrasive blasting. This enclosure helps contain the blasting media and debris, enhancing safety and minimizing environmental impact. High-speed blast wheels or turbines are strategically positioned along the tunnel. These wheels propel abrasive media at high velocities towards the surfaces of the workpieces to clean, descale, or prepare them for subsequent treatments. Tunnel type shot blasting machines can be customized with adjustable conveyor speeds, blast intensity, and other settings to suit different workpiece types and surface treatment requirements.

These machines are commonly used in industries such as automotive, aerospace, foundries, and metalworking for cleaning, deburring, descaling, and surface preparation of various components like castings, forgings, structural steel, and more.





# SATELLITE SHOT BLASTING MACHINE

Satellite shot blasting machines work by employing multiple satellite-like units or modules, each equipped with its own blasting system, typically including blast wheels or turbines. These units move around a workpiece or a central processing area, providing a comprehensive and efficient surface treatment.

These machines consist of several satellite units arranged around a central hub or conveyor system. Each satellite unit is equipped with its own blasting system and can function independently. Workpieces are placed on a conveyor system or fixture within the blasting area. The satellites move around the workpiece or along a programmed path, directing high-speed abrasive media onto the surface. The satellites can be controlled and programmed to focus on specific areas, angles, or contours of the workpiece. This allows for precise and targeted treatment, ensuring thorough cleaning, descaling, or paint removal.

Multiple satellites can work simultaneously on different sections of the workpiece, reducing processing time and increasing throughput. Operators can control various parameters such as the speed, direction, and blasting intensity of each satellite unit. This level of control ensures adaptability to different workpiece shapes, sizes, and material requirements. The coordinated movement of the satellites and their ability to cover various angles and surfaces of the workpiece result in a consistent and uniform surface finish.



# VACUUM RECOVERY SYSTEM MACHINE

A vacuum recovery system in a shot blasting machine is designed to collect and reclaim the abrasive media (such as steel shot or grit) used during the blasting process. This system helps minimize waste, reduce environmental impact, and enable the reuse of abrasive material.

**Abrasive Collection:** During the blasting process, the abrasive media is propelled at high speed onto the workpiece to remove contaminants or prepare surfaces. As this blasting occurs, the used abrasive, along with debris and contaminants, is scattered across the surface and needs to be collected for reuse. **Vacuum System:** The vacuum recovery system uses suction or airflow to gather the used abrasive and debris from the blasting chamber.

This collected material is then transported through ducts or hoses into a separation and recycling system.

**Separation and Recycling:** In the separation system, the collected mixture of abrasive media, dust, and debris is processed to separate the reusable abrasive from the waste material. This can involve mechanisms such as screens, cyclones, or air wash separators to filter out contaminants and segregate the reusable abrasive.

**Reuse of Abrasive:** The cleaned and reclaimed abrasive material is then reintroduced into the blasting system for subsequent use. This recycling process reduces the consumption of new abrasive media, thereby reducing costs and minimizing waste generation. **Dust Collection:** Along with abrasive recovery, these systems often include dust collection mechanisms to capture and contain airborne dust generated during the blasting process, improving workplace safety and environmental conditions.





# CABINET TYPE BLASTING MACHINES



KRISHNASHOT blast cabinet is an enclosure which houses the abrasive propelling by blast suction Gun/nozzle and holds work in position and confines flying

# SUCTION BLAST CABINET

The suction blaster is work on INDUCTION - SUCTION principle of abrasive delivery. It is mainly useful for fine and medium matte finish on soft and plastic material in wide range of heat treatment shops, tool, die and mould makers and shot peening of light metal components etc.

## SPECIFICATION FOR STANDARD MODELS:

| S.No. | DESCRIPTION / MODEL                           | KSB-SB-6060           | KSB-SB-9182           | KSB-SB-12090           | KSB-SB-150120           |
|-------|---|-----------------------|-----------------------|------------------------|-------------------------|
| 1     | Working Chamber Size (Width x Depth x Height) | W=600, D=600<br>H=600 | W=910, D=820<br>H=775 | W=1200, D=900<br>H=900 | W=1500, D=1200<br>H=900 |
| 2     | Nozzle Size(mm)                               | *6/8                  | *8/10                 | *8/10/12               | *8/10/12                |
| 3     | Air Jet Orifice (mm)                          | *2/3                  | *3/4                  | *3/4/5.5               | *3/4/5.5                |
| 4     | Dust Collector Motor HP                       | 0.5                   | 1.0                   | 1.0                    | 1.5                     |
| 5     | Capacity (CFM)                                | 250                   | 400                   | 400                    | 800                     |
| 6     | Filter Area (SQ. M)                           | 1.0                   | 7.5                   | 7.5                    | 10                      |
| 7     | Abrasive Storage Capacity liters (Cft)        | 14(0.5)               | 28(1.0)               | 42(1.5)                | 42(1.5)                 |
| 8     | Compressed Air Required At 80 Psi             | *21/25                | *25/45                | *25/45                 | *25/45                  |



# PRESSURE BLAST CABINET

The PRESSURE blaster is work on DIRECT PRESSURE principle of abrasive delivery. It is mainly useful for high production output of cleaning of components hard and ferrous and non ferrous components. PB is re-commended for fast cleaning, for removal of heavy rust and corrosion.

## SPECIFICATION FOR STANDARD MODELS:

| S.No. | DESCRIPTION / MODEL                           | KSB-PB-6060           | KSB-PB-9182           | KSB-PB-12090           | KSB-PB-150120           |
|-------|---|-----------------------|-----------------------|------------------------|-------------------------|
| 1     | Working Chamber Size (Width x Depth x Height) | W=600, D=600<br>H=600 | W=910, D=820<br>H=775 | W=1200, D=900<br>H=900 | W=1500, D=1200<br>H=900 |
| 2     | Nozzle Size(mm)                               | *5                    | *5/6                  | *5/6                   | *5/6                    |
| 3     | Dust Collector Motor HP                       | 0.5                   | 1.0                   | 1.0                    | 1.5                     |
| 4     | Capacity (CFM)                                | 250                   | 500                   | 500                    | 800                     |
| 5     | Filter Area (SQ. M)                           | 4                     | 7.5                   | 7.5                    | 10                      |
| 6     | Abrasive Storage Capacity liters (Cft)        | 14(0.5)               | 28(1.0)               | 42(1.5)                | 42(1.5)                 |
| 7     | Compressed Air Required At 80 Psi             | 55                    | *55/78                | *55/78                 | *55/78                  |





# WET BLAST CABINET

Wet blaster works on induction- suction principle of blasting. The most important point in wet blasting is its ability to use very fine abrasive, as fine as 5 microns. Fine abrasive particles are suspended in liquid, usually water and then pumped to a nozzle as slurry.

## SPECIFICATION FOR STANDARD MODELS:

| S.No. | DESCRIPTION / MODEL                           | KSB-WB-9182           | KSB-WB-12090          |
|-------|---|-----------------------|-----------------------|
| 1     | Working Chamber Size (Width x Depth x Height) | W=910, D=820<br>H=775 | W=1200,D=900<br>H=900 |
| 2     | Nozzle Size(mm)                               | *8/10                 | *8/10/12              |
| 3     | Air Jet Orifice (mm)                          | *3/4                  | *3/4/5.5              |
| 4     | Dust Collector Motor HP                       | 0.5                   | 1.0                   |
| 5     | Capacity (CFM)                                | 200                   | 400                   |
| 6     | Slurry Pump                                   | 1.0                   | 1.0                   |
| 7     | Abrasive Storage Capacity liters (Cft)        | 28(1.0)               | 42(1.5)               |
| 8     | Compressed Air Required At 80 Psi             | *25/45                | *25/45                |



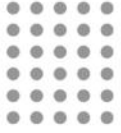


# AIR OPERATED BLASTING MACHINES



We provide customized type portable shot blasting Equipments according to client's requirements, which are used to clean the surface. We also manufacture shot blasting machine, sand blasting chambers and automated sand / shot blasting machine.

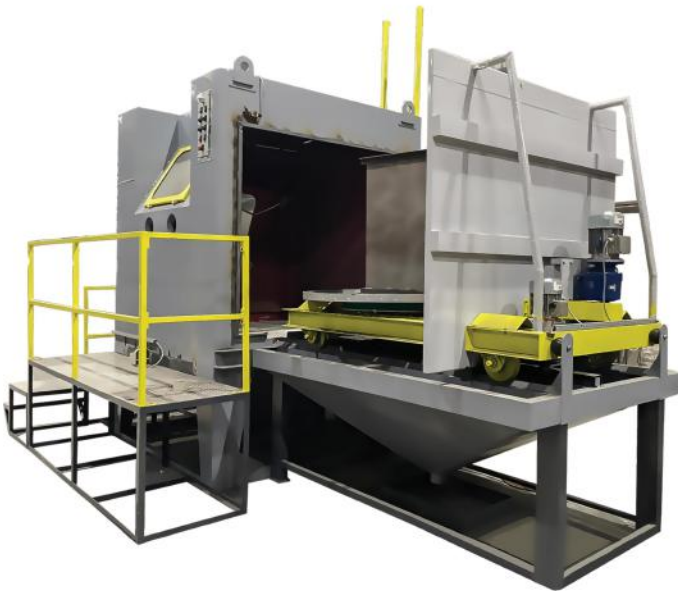




Tumbler with Loader  
Cabinet Type Blasting Machine



Gyser Abrasive  
Blasting Machine



Heavy Duty Turn Table  
Cabinet Type Blasting Machine



CNG / Oxygen Cylinder Internal  
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