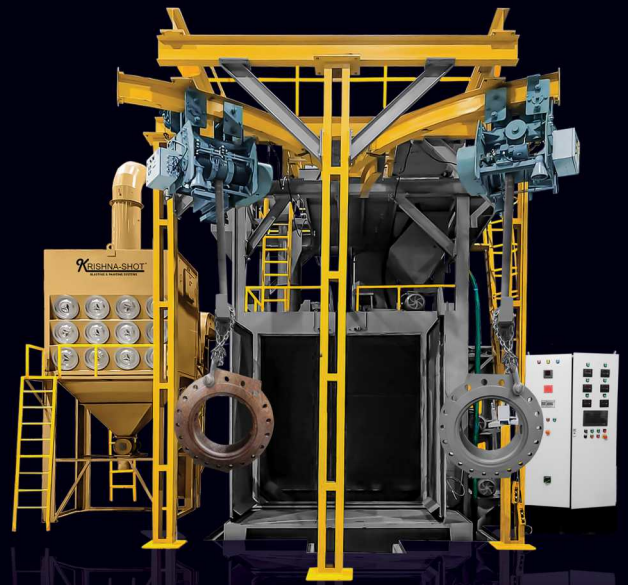
KRISHNA-SHOT®
BLASTING & PAINTING SYSTEMS



SPECIALIST IN TURNKEY PROJECTS

SHOT BLASTING
LIQUID PAINTING
POWDER COATING

World-class innovation,
World-wide impact:
Exceptional products
and Services globally

since 2004

www.krishnashot.com

India's No. 1 Brand in Turnkey Projects for Shot Blasting, Liquid Painting & Powder Coating Systems

Krishna Group, established in 2004, is a pioneering force in shot blasting and painting manufacturing, recognized for its top-notch products and services worldwide.

Our expertise in turnkey projects reflects our unwavering commitment to excellence. With a vision to become the leading authority in India's shot blasting manufacturing industry, we are driven by innovation and an unyielding dedication to our customers.

"Global Reach: Our Sales Network and International Presence"

With a strong presence in major Indian cities and a global footprint spanning the USA, Mexico, Middle East, Europe, Australia, Africa, Russia, and numerous other regions, Krishna Group operates seamlessly through dedicated teams and trusted distributors.

Krishna Shot Blasting India Private Limited

Krishna Group In Numbers

250	40	6 M$
Employees	Engineers Team	Capital
1200	2,00,000 sq. ft.	6000+
Clients	Production Area	Installations

Revolutionizing Surfaces, Engineering the Future: India's Pinnacle in Turnkey Excellence for Shot Blasting & Painting Systems "Epitome of Quality"

Krishna Shot Blasting : A Unit of KRISHNA Group -
"Precision in Surface Enhancement"

Our success is a testament to the dedication and expertise of our team. We take immense pride in our diligent professionals, a talented group of intellectual engineers, and well-trained experts who form the backbone of our operations. Their unwavering commitment to excellence, innovative thinking, and technical prowess enable us to deliver cutting-edge solutions to our valued customers consistently.

About Company

Krishna Shot Blasting India Private Limited, established in 2004 by our esteemed Managing Director, Mr. Badri Narayan Malviya, is a testament to trust, honesty, innovation, and quality.

With over 25 years of industry experience and a mechanical engineering degree from MBM Government College, Mr. Malviya's unparalleled expertise and visionary leadership have been instrumental in shaping KSB into a thriving and dynamic enterprise.

KSB stands as a distinguished leader in the industrial machinery sector, offering an extensive range of specialized equipment including shot blasting machines, advanced paint booths, precision powder coating systems, high-efficiency baking ovens, robust airless machines, and versatile air-operated cabinet machines.

Celebrated globally for our cutting-edge, high-performance products, KSB consistently delivers exceptional quality and innovation across all our offerings.

With 6000+ installations, manufacturing 300+ machines annually and 2 manufacturing plants, Our team of 40+ on-field service engineers and 250+ skilled workforce ensures prompt support.

KSB serves clients across 15+ countries, offering quality products, best deals, and on-time service. Recognized for superior shot blasting solutions, painting systems, and comprehensive equipment, KSB serves both Indian and global markets effectively.

Celebrating 20+ years in Shot Blasting & Painting System

"we've perfected the art of Shot Blasting & Painting Systems. Join us as we continue to lead, innovate, and transform surfaces for another 20 years and beyond."

Compliance & Standards

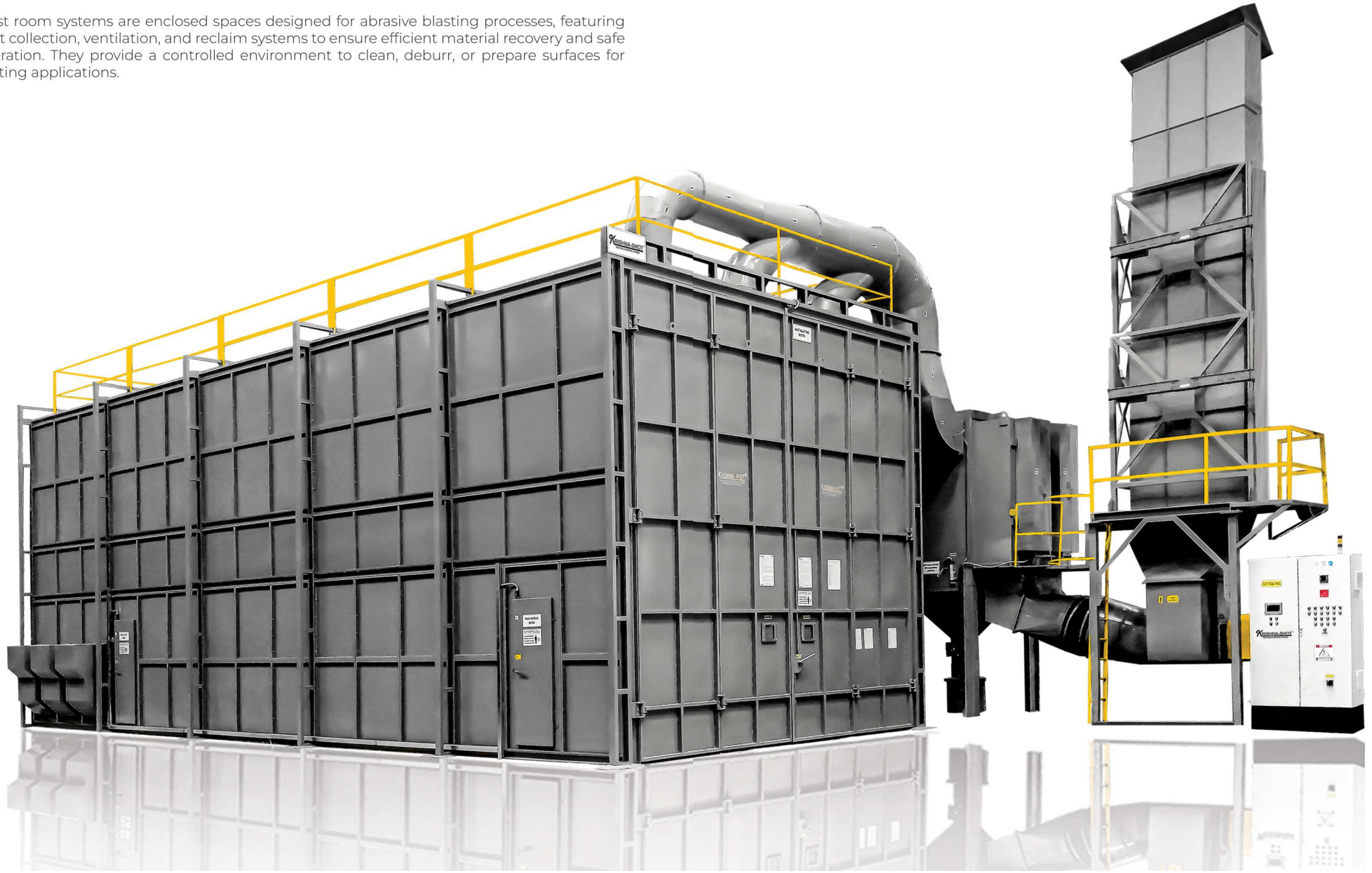
ISO 9001-2015
Certificate of REGISTRATION
CE Marking for compliance with European safety standards.

Beyond Precision, Beyond Perfection: A Symphony of Engineering Mastery in Shot Blasting and Painting Systems

Where Innovation Crafts Quality and Excellence Defines Us.

Blast Room Systems

Blast room systems are enclosed spaces designed for abrasive blasting processes, featuring dust collection, ventilation, and reclaim systems to ensure efficient material recovery and safe operation. They provide a controlled environment to clean, deburr, or prepare surfaces for coating applications.



Blast Room System
with Cartridge / Cyclone Dust Collector

In a blast room system, abrasive blasting is performed in a controlled enclosure to clean or prepare large components. The dust and spent media generated are extracted through a powerful ventilation system. When equipped with a cartridge dust collector, fine dust is filtered through high-efficiency cartridges that capture microscopic particles. Alternatively, a cyclone dust collector uses centrifugal force to separate heavier particles before they reach a secondary filter or exhaust.

Cartridge / Cyclone Dust Collector

Cartridge Dust Collector: Uses filter bags or cartridges and cleans them with bursts of compressed air. It's efficient for fine dust, with minimal maintenance, but has high initial costs and needs a reliable air source.

Cyclone Dust Collector: Separates dust from air using centrifugal force. It handles large volumes and coarse particles well, requires less maintenance, but is less effective for fine dust and may need more space.

Cyclone Dust Collector

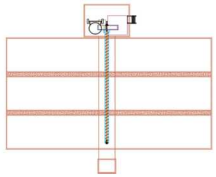
Cartridge Dust Collector

Screw Conveyor Systems

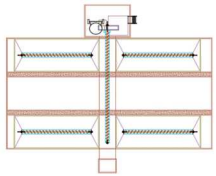
A screw conveyor system is a type of mechanical conveyor used to move bulk materials from one point to another. It consists of a helical screw, known as the auger, enclosed within a tube or trough.

Types of Screw Conveyors:

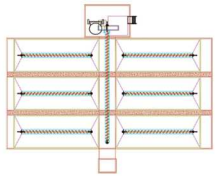
1. **Single Screw Conveyor:** Features one helical screw within a single trough or pipe, ideal for transporting materials over short distances or at moderate angles.
2. **H-Shaped Screw Conveyor:** Includes two or more parallel screws mounted in a trough shaped like an "H," used for high-capacity and high-volume material handling.
3. **Full Floor Screw Conveyor:** A type with a screw that extends across the entire length of the conveyor's floor, often used for evenly distributing material along the full width of the conveyor.



Single Screw



H-Shape Screw



Full Floor Screw

KRISHNA-SHOT
BLASTING & PAINTING SYSTEMS

Abrasive Blasting Machine with Safety Gear

A portable abrasive blasting machine is used for surface cleaning and preparation, featuring a compact design for ease of mobility. It includes safety gear such as a helmet, gloves, and protective clothing to ensure operator safety during use.

Portable Blaster (P7 - 1001 R)

Slit Opening Blast Room System

A Slit Opening Blast Room allows long or continuous parts to pass through a narrow, sealed opening for blasting. The slit is lined to prevent abrasive escape, while internal blast nozzles clean the surface as the part moves through. This design ensures efficient blasting, media control, and operator safety.

Recessed Hopper with Bucket Elevator

Incorporates recessed hoppers within the floor to funnel spent abrasives into a conveyor system, combining storage and transport efficiently.

Work Car (Trolly) Manual/ Motorised

In shot blasting, work cars (trolleys) move workpieces through the blasting zone and can be manual or motorized. Manual trolleys are cost-effective for light loads, while motorized ones handle heavier items with greater efficiency and control. Selection depends on load, usage frequency, facility size, and maintenance needs.

Manual Trolly

Motorised Trolly

Overhead Conveyor & Hoist System

An overhead conveyor system in shot blasting moves workpieces through processing stages using rails, trolleys, and a drive mechanism. Types include chain, roller, and power & free systems, offering efficient, space-saving material handling. A hoist system lifts or lowers loads using rope or chain, powered manually or by electric/pneumatic sources for easy transport.

Over Head Conveyor

Hoist System

Paint Booth System

A paint booth system is an enclosed, ventilated, and filtered area for spray painting vehicles or objects, ensuring a controlled environment for high-quality paint application. It enhances safety, efficiency, and regulatory compliance.

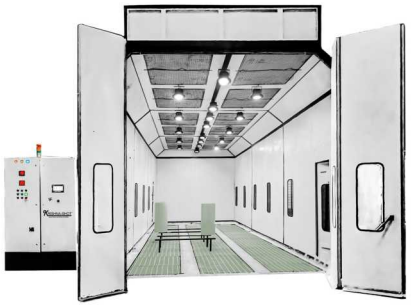
Dry Paint Spray
Booth System

The Liquid Paint Spray Booth operates by drawing in fresh air through filters, creating a clean environment for painting. The workpiece is placed inside the booth, and liquid paint is applied using spray guns. Overspray and paint particles are captured by exhaust filters or a water curtain system, while fans extract the contaminated air to maintain visibility and air quality. This process ensures smooth paint application, operator safety, and environmental compliance.

Types of Paint Booth Systems and Their Working Mechanisms:

Vertical Down Draft Paint Booth System

In a Vertical Down Draft Paint Booth, clean filtered air enters from the ceiling and flows vertically downward over the workpiece. This airflow pattern pushes overspray and contaminants straight down into a floor-level exhaust system or grated pit. The exhaust system, equipped with dry filters or a water scrubber, captures paint particles and fumes. This setup ensures even airflow, minimizes contamination, and provides a clean, high-quality finish while protecting the operator and maintaining environmental safety.



Semi Down/ Side Draft Paint Booth System

In a Semi Down or Side Draft Paint Booth, filtered air enters from the upper front portion of the booth and flows diagonally or sideways over the workpiece toward exhaust filters located along the side or rear lower walls. This airflow pattern helps direct overspray and fumes away from the operator and out of the booth. It provides a balance between airflow efficiency and cost, offering cleaner finishes and a safer working environment, especially for medium-sized operations.

KRISHNA-SHOT®
BLASTING & PAINTING SYSTEMS

Retractable Dry Spray Booth

A Retractable Dry Spray Booth is a space-saving solution designed for efficient painting and surface finishing. It uses dry filter media to capture paint overspray, ensuring a clean and controlled working environment. The retractable design allows the booth to be extended during operation and folded back when not in use, optimizing workshop space. This makes it ideal for industries handling varied or large components where flexibility is essential.

Paint Booth Trolley System

The Paint Booth Trolley System is designed for smooth and efficient movement of components in and out of the paint booth. It features a rail-mounted trolley with fixtures to securely hold parts during painting and curing. Built with heat-resistant materials, it can operate through high-temperature ovens. This system is ideal for batch coating of panels, cabinets, and heavy fabricated structures.

End Draft Paint Booth System

In an End Draft Paint Booth, clean filtered air enters from the front or top front of the booth and flows horizontally over the workpiece toward the rear exhaust filters. As paint is sprayed, overspray and fumes are carried by the airflow directly into the rear exhaust system. This design ensures effective removal of airborne particles, maintains visibility, and protects the operator, making it suitable for small to medium-sized jobs with moderate finishing requirements.

Pressurized Painting Cum Baking Booth

A Pressurized Painting Cum Baking Booth combines painting and curing in one enclosed, controlled environment. During painting, filtered air is pushed into the booth under positive pressure to prevent dust entry, ensuring a clean finish. Overspray is captured by exhaust filters. After painting, the booth switches to baking mode, where heaters raise the internal temperature to cure the paint. The airflow and temperature are regulated automatically, ensuring uniform drying, improved finish quality, and faster production.

Turnkey Project of Blast Room, Powder Coating & Baking Oven

KRISHNA-SHOT
BLASTING & PAINTING SYSTEMS

Turnkey Project Installed in Ammann Industry

Krishna Shot successfully completed a turnkey project for Ammann Industry, providing a customized shot blasting solution that enhanced productivity, efficiency, and quality. The seamless installation and advanced technology integration have significantly optimized Ammann Industry's operations.

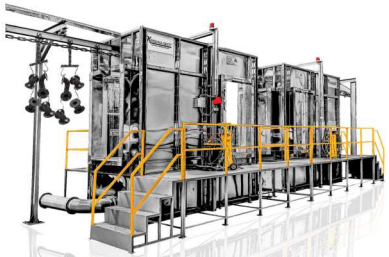
A turnkey project in the shot blasting industry delivers a fully integrated and operational setup, including design, installation, and commissioning of equipment.

Continuous Hanger Blast Room System

A Continuous Hanger Blast Room System is designed for automated surface cleaning and finishing of items in a production line. It consists of a blast room, a conveyor hanger system, blast wheels or nozzles, and an abrasive media recovery system.

Continuous Hanger Powder Coating System

This System applies powder coating to items as they move on a conveyor through pre-treatment, coating, and curing stations. It includes a coating booth, curing oven, and powder reclaiming system for efficient and consistent finishing.



Continuous Hanger Baking System

This is used for curing or baking coatings, paints, or finishes applied to items. Items are hung on a conveyor and move through a controlled oven where they are heated to set or cure the coatings, ensuring uniform treatment and efficient processing.

Blast Room, Paint Booth & Baking Oven System

Turnkey Project of Blast Room & Paint Booth System

KRISHNA-SHOT
BLASTING & PAINTING SYSTEMS

Blast Rooms & Paint Booth for
Army Vehicles

Retractable
Spray Booth System

Blast Rooms & Paint Booth
With Shutter Door for Easy Handling

Blast Room Paint Booth for
Medium Size & High Quality Jobs

Airless Turbine Machine

An Airless Turbine Machine, or wheel blasting machine, uses high-speed rotating wheels to propel abrasive media onto surfaces for cleaning or surface preparation. This method is efficient for large-scale applications.

Tumblast Type
Shot Blasting Machine

The Tumblast Type Shot Blasting Machine is used for batch cleaning of small to medium-sized parts like castings and forgings. Components are loaded into a rotating drum, where they tumble continuously to expose all surfaces. High-speed blast wheels direct abrasive media onto the moving parts, ensuring thorough cleaning. The system includes media recovery and dust collection for efficient, clean, and cost-effective operation. An optional loader cabinet is provided for easy and safe material handling during the loading process.

TUMBLAST SHOT BLASTING MACHINE

TUMBLAST SINGLE WHEEL ARRANGEMENT

TUMBLAST DOUBLE WHEELS ARRANGEMENT

Specification For our Standard Models

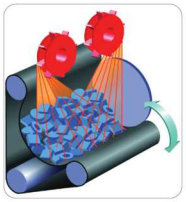
S.No.	MODEL	KSB-TB-150	KSB-TB-250	KSB-TB-500
1	Work Load Capacity - Max Volume	2	5	10
2	Work Load capacity - Max Weight	150	250	500
3	Max Weight of each work piece	8	15	35
4	Turbine size(Hp)	7.5 HP	10 HP	15 HP
5	Dust Collector capacity (Cfm / Hp)	1200 / 3	2000 / 5	3000 / 7.5
6	No. of Filter Area(Sq. Mtr)	30	40	60
7	Air Purging Arrangement	Auto	Auto	Auto
8	Total Power Consumption	16.5 HP	25 HP	30 HP

KRISHNA-SHOT®
BLASTING & PAINTING SYSTEMS

Key Features

- **Batch-Type Operation** – Ideal for cleaning small to medium-sized components.
- **Tumbling Action** – Ensures uniform exposure of all surfaces during blasting.
- **High-Efficiency Blast Wheel** – Powerful and energy-efficient for fast cleaning.
- **Durable Belt or Drum** – Heavy-duty rubber or steel construction for long life.
- **Abrasive Recovery System** – Automatic media recycling with magnetic and rotary separation.
- **Dust Collector Unit** – Ensures clean, pollution-free operation.
- **Compact Design** – Space-saving layout suitable for any production floor.
- **Low Maintenance** – Simple design with easy access for servicing.

TUMBLAST MACHINE WITH LOADER CABINET



Blasting Process

Dust Collector

Continuous Tumbler Chamber

Loader Cabinet & Belt Conveyor

Before Blasting

After Blasting

Optional Features

- **Automatic Loader/Unloader System** – For quick and effortless material handling.
- **Soundproof Enclosure** – Reduces noise levels for operator comfort.
- **Control Panel with PLC & HMI** – For advanced process monitoring and automation.
- **Wear-Resistant Liners** – Extra protection for high-abrasion areas inside the cabinet.
- **Additional Dust Collector Capacity** – For high-dust applications or extended use.
- **Variable Frequency Drive (VFD)** – For adjustable drum or wheel speed.
- **Custom-Sized Drum or Belt** – Tailored for specific part sizes or weights.
- **Online Abrasive Level Sensor** – Monitors and maintains optimum media quantity.
- **Safety Interlocks and Alarms** – Enhanced operator protection and system monitoring.

Paver Block
Shot Blasting Machine

A Paver Block Shot Blasting Machine is designed to texture the surface of concrete paver blocks for an aesthetic, anti-slip finish. Paver blocks are placed on a conveyor that moves them through the blasting chamber. High-speed blast wheels throw abrasive media onto the block surface, chipping away the top layer to expose natural aggregates. The system includes an abrasive recovery and dust collection unit to ensure continuous, clean operation.

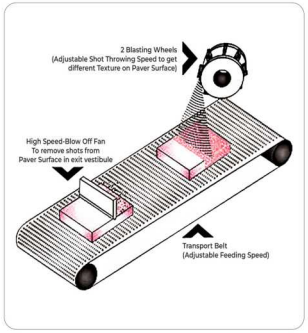
Specification For our Standard Models

S.No.	DESCRIPTION	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

KRISHNA-SHOT
BLASTING & PAINTING SYSTEMS

Key Features

- **Wire Mesh Belt Conveyor:** Provides stable, non-slip movement of paver blocks, ideal for handling various sizes and shapes during blasting.
- **Uniform Surface Finish:** Ensures consistent texturing for aesthetic appeal and anti-slip properties.
- **High-Performance Blast Wheels:** Deliver powerful, even abrasive flow for effective surface treatment.
- **Abrasive Recycling System:** Efficient media recovery through elevator, separator, and hopper setup.
- **Dust Collection Unit:** Keeps the environment clean and compliant with safety standards.
- **Adjustable Blasting Parameters:** Customizable settings for different block textures and finishes.
- **Heavy-Duty Build:** Constructed with wear-resistant materials for long-term industrial performance.



Blasting Process

Dust Collector

Wire Mesh
Belt Conveyor

Wheel Arrangement

Before Blasting

After Blasting

Door Mounted Hanger Type
Shot Blasting Machine

The Door Mounted Shot Blasting Machine features a compact design where components are mounted directly on the inner side of the machine's door. A spinning hanger system rotates the parts during blasting, ensuring uniform surface cleaning from all angles. Once the door is closed, high-efficiency blast wheels propel abrasive media to remove rust, scale, and old coatings. Ideal for small to medium-sized batch components, this system offers easy loading/unloading and is perfect for limited-space workshops needing consistent and thorough cleaning performance.

SINGLE DOOR MOUNTED HANGER TYPE MACHINE

Specification For our Standard Models

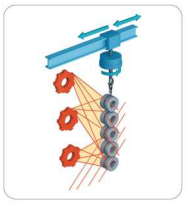
MODEL	D1	D2	D3
Envelope Size (Dia x Hight) mm	600 x 1000	1500 x 2000	2000 x 2500
Hanger Capacity	200 Kg	300Kg	300 Kg
No. of Wheels	2 NOS.	2 NOS.	3 NOS.
Wheels Power (HP)	7.5	7.5	7.5
Overall Machine Dimensions (mm)	5000 x 4000 x 4500	6000 x 5000 x 5500	7000 x 5000 x 6000
Total Power Consumption (HP)	30	40	50

KRISHNA-SHOT
BLASTING & PAINTING SYSTEMS

Key Features of Door Mounted Hanger Machine

- **Blast Wheels:** Direct-mounted high-performance turbines ensure quick and uniform surface cleaning.
- **Blast Chamber:** Inside completely lined with 6mm thick rubber, especially in the direct blasting zone for added durability.
- **Door-Mounted Hanger:** Single door-mounted with a 300KG heavy-duty hanger, provided with 360-degree rotation for full surface coverage.
- **Operator Safety Features:** Emergency stop buttons and interlocking doors provided for enhanced operator protection.
- **Dust Collector Unit:** Advanced cartridge filter system keeps the workspace clean and completely dust-free.

DOUBLE DOOR MOUNTED HANGER TYPE MACHINE



Blasting Process

Dust Collector

Blast Chamber Manganese Lining

Blast Wheels Arrangement

Before Blasting

After Blasting

Optional Features

- **Blast Chamber Lining:** Complete Manganese lining provided inside the entire chamber for enhanced durability and wear resistance.
- **Second Door:** Second door integrated for high production output and reduced loading time.
- **Spinning Rotation:** Both side clockwise and anti-clockwise hanger rotation also provided for uniform and consistent surface finishing.
- **Blast Wheel Speed:** Variable speed setting allows fine and full abrasive coverage during blasting.
- **Control Panel:**
  (a) **Auto Sequencing System** – Automatically manages the machine operation cycle in a predefined logical order.
  (b) **HMI & PLC Control Panel System** – Advanced user interface with programmable logic control for efficient and automated operation.

I-Hanger Type
Shot Blasting Machine

The I-Hanger Type Shot Blasting Machine features a straight monorail system where components are loaded onto a single hanger that moves into the blasting chamber for processing. The workpieces are suspended on rotating hooks to ensure thorough 360° surface coverage. High-efficiency blast wheels accelerate abrasive media to remove rust, scale, and old coatings. This setup is suitable for batch operations involving heavy or irregularly shaped parts and provides reliable cleaning performance in a compact and cost-effective design.

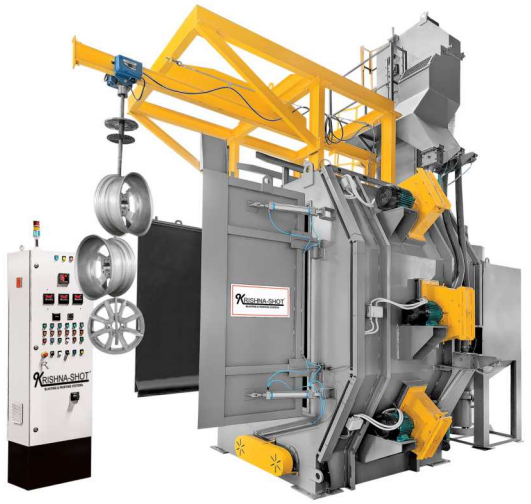
KRISHNA-SHOT
BLASTING & PAINTING SYSTEMS

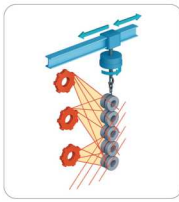
Key Features

- **Blast Wheels:** Direct-mounted high-performance turbines ensure quick and uniform surface cleaning.
- **Blast Chamber:** Inside completely lined with 6mm thick rubber, especially in the direct blasting zone for added durability.
- **Both-Side Opening Design:** Easy access from both sides of the chamber for faster loading/unloading.
- **Dust Collector:** Cartridge system for clean, dust-free air.
- **Control Panel:**
  (a) **Auto Sequencing System** – Automatically manages the machine operation cycle in a predefined logical order.
  (b) **HMI & PLC Control Panel System** – Advanced user interface with programmable logic control for efficient and automated operation.

Optional Features

- **Chamber Lining:** Complete Manganese lining provided inside the entire chamber for enhanced durability and wear resistance.
- **Spinning Rotation:** Both side clockwise and anti-clockwise hanger rotation also provided for uniform and consistent surface finishing.
- **Blast Wheel Speed:** Variable speed setting allows fine and full abrasive coverage during blasting.
- **Hoist System:** Simplifies handling of heavy components safely and efficiently.
- **Media Separator Air Wash System:**
  (a) **Rotary Screen** – Removes large debris.
  (b) **Magnetic Separator** – Eliminates ferrous particles for cleaner media.





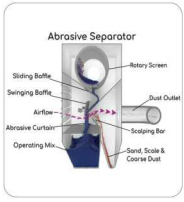
Blasting Process

Hoist System

Blast Chamber
Magizen Lining

Blast Wheels
Arrangement

Dust Collector



Media Saprator

Specification For our Standard Models

MODEL	I-2	I-3	I-4	I-5	I-6
Envelope Size (DxH) mm	1000 x 1500	1500 x 2000	2000 x 2500	2500 x 3000	3000 x 3500
Envelope Size (DxH) mm	500 Kg	1000Kg	2000 Kg	3000 Kg	4000 Kg
No. of Wheels	2 NOS.	3 NOS.	4 NOS.	5 NOS.	6 NOS.
Wheels Power (HP)	7.5 / 10 / 15	7.5 / 10 / 15	10 / 15 / 20	15 / 20 / 25	15 / 20 / 25
Overall Machine Dimensions (mm)	7000 x 3500 x 5000	8000 x 4000 x 5500	8000 x 5000 x 6000	10000 x 6000 x 6500	12000 x 7000 x 6500
Total Power Consumption (HP)	30 / 35 / 45	40 / 50 / 65	55 / 80 / 110	100 / 130 / 140	120 / 160 / 200
Optional (Hoist)	1 MT	1 MT	2 MT	3 MT	5 MT

Y-Hanger Type
Shot Blasting Machine

The Y-Hanger Type Shot Blasting Machine features a Y-shaped monorail system that allows one hanger to be inside the blasting chamber while another is being loaded or unloaded, ensuring continuous operation. Components are hung on rotating hooks for complete surface coverage during blasting. High-speed turbines propel abrasive media to clean rust, scale, or old coatings. This design boosts productivity and is ideal for batch cleaning of heavy or complex-shaped parts.

Y-HANGER WITH HOIST SYSTEM

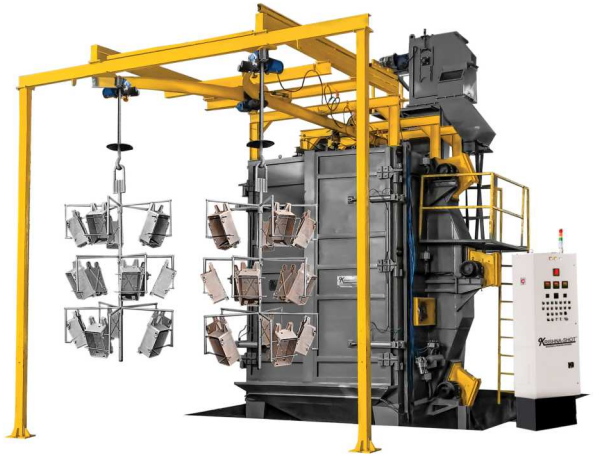
KRISHNA-SHOT
BLASTING & PAINTING SYSTEMS

Key Features

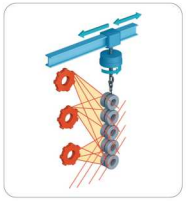
- **Blast Wheels:** Direct-mounted high-performance turbines ensure quick and uniform surface cleaning.
- **Blast Chamber:** Inside completely lined with 6mm thick rubber, especially in the direct blasting zone for added durability.
- **Dust Collector:** Cartridge system for clean, dust-free air.
- **Control Panel:**
  (a) **Auto Sequencing System** – Automatically manages the machine operation cycle in a predefined logical order.
  (b) **HMI & PLC Control Panel System** – Advanced user interface with programmable logic control for efficient and automated operation.

Optional Features

- **Chamber Lining:** Complete Manganese lining provided inside the entire chamber for enhanced durability and wear resistance.
- **Spinning Rotation:** Both side clockwise and anti-clockwise hanger rotation also provided for uniform and consistent surface finishing.
- **Blast Wheel Speed:** Variable speed setting allows fine and full abrasive coverage during blasting.
- **Hoist System:** Simplifies handling of heavy components safely and efficiently.
- **Media Separator Air Wash System:**
  (a) **Rotary Screen** – Removes large debris.
  (b) **Magnetic Separator** – Eliminates ferrous particles for cleaner media.



Y-HANGER WITH MONORAIL SYSTEM



Blasting Process

Hoist System

Blast Chamber
Manganese lining

Blast Wheels
Arrangement

Dust Collector

Media Saprator

Specification For our Standard Models

MODEL	Y2	Y3	Y4	Y5	Y6
Envelope Size (DxH) mm	1000 x 1500	1500 x 2000	2000 x 2500	2500 x 3000	3000 x 3500
Envelope Size (DxH) mm	500 Kg	1000Kg	2000 Kg	3000 Kg	4000 Kg
No. of Wheels	2 NOS.	3 NOS.	4 NOS.	5 NOS.	6 NOS.
Wheels Power (HP)	7.5 / 10 / 15	7.5 / 10 / 15	10 / 15 / 20	15 / 20 / 25	15 / 20 / 25
Overall Machine Dimensions (mm)	7000 x 3500 x 5000	8000 x 4000 x 5500	8000 x 5000 x 6000	10000 x 6000 x 6500	12000 x 7000 x 6500
Total Power Consumption (HP)	30 / 35 / 45	40 / 50 / 65	55 / 80 / 110	100 / 130 / 140	120 / 160 / 200
Optional (Hoist)	1 MT	1 MT	2 MT	3 MT	5 MT

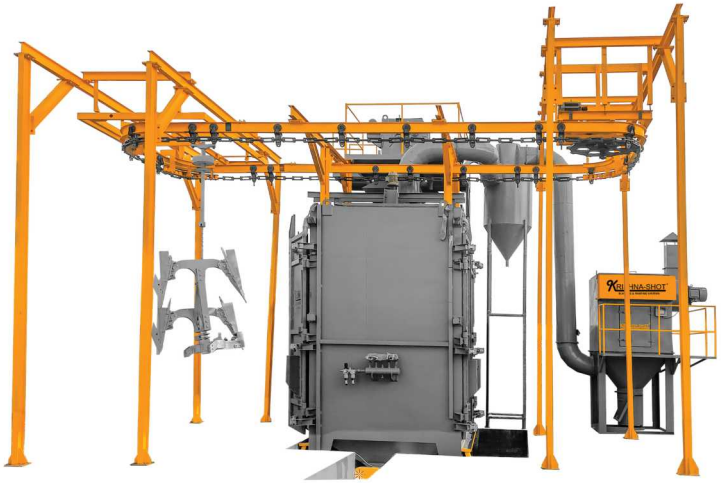
Closeloop Spinning Hanger Type
Shot Blasting Machine

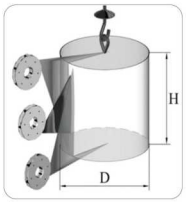
The Close-Loop Spinning Hanger Type Shot Blasting Machine is designed for cleaning medium to large components. Jobs are hung on rotating hangers attached to an overhead conveyor moving in a closed-loop path. As the hangers enter the blast chamber, they spin to ensure all sides of the component are cleaned. High-speed blast wheels project abrasive media to remove rust, scale, and old coatings. The system allows continuous operation with automatic loading and unloading.

KRISHNA-SHOT®
BLASTING & PAINTING SYSTEMS

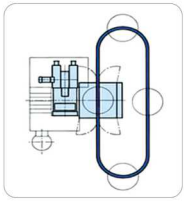
Key Features

- **Overhead Closed-Loop Conveyor:** Enables continuous movement of hangers through loading, blasting, and unloading zones.
- **Spinning Rotation:** Both side clockwise and anti-clockwise hanger rotation also provided for uniform and consistent surface finishing.
- **Multiple High-Efficiency Blast Wheels:** Strategically placed for complete and fast abrasive coverage.
- **Automatic Doors on Both Sides:** Ensure smooth loading and unloading while maintaining chamber sealing during blasting.
- **Heavy-Duty Blast Chamber:** Manganese-lined for enhanced durability and wear resistance.
- **Dust Collector & Abrasive Recovery System:** Maintains clean operation and recycles media efficiently.
- **Fully Automatic Operation:** Minimizes manual handling and boosts productivity for medium to large components.
- **Control Panel:**
  (a) **Auto Sequencing System** – Automatically manages the machine operation cycle in a predefined logical order.
  (b) **HMI & PLC Control Panel System** – Advanced user interface with programmable logic control for efficient and automated operation.





Blasting & Spinning Process



Closeloop Conveyor

Blast Chamber Manganese Lining

Blast Wheels Arrangement (2 Wheels To 6 Wheels)

Dust Collector

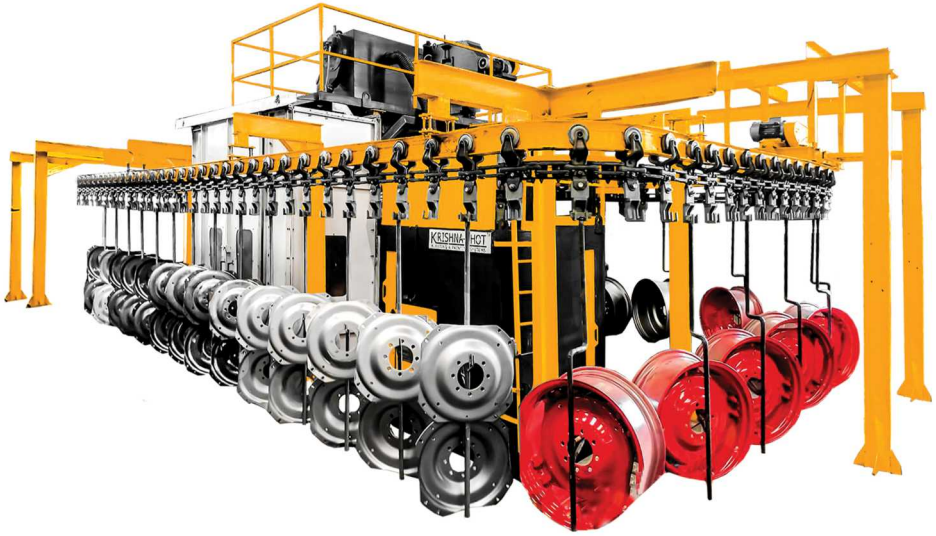
Media Saprator

Specification For our Standard Models

MODEL	CL 2	CL 3	CL 4	CL 5	CL 6
Envelope Size (DxH) mm	1000 x 1500	1500 x 2000	2000 x 2500	2500 x 3000	3000 x 3500
Envelope Size (DxH) mm	500 Kg	1000Kg	2000 Kg	3000 Kg	4000 Kg
No. of Wheels	2 NOS.	3 NOS.	4 NOS.	5 NOS.	6 NOS.
Wheels Power (HP)	7.5 / 10 / 15	7.5 / 10 / 15	10 / 15 / 20	15 / 20 / 25	15 / 20 / 25
Overall Machine Dimensions (mm)	30 / 35 / 45	40 / 50 / 65	55 / 80 / 110	100 / 130 / 140	120 / 160 / 200
Total Power Consumption (HP)	10000 x 7000 x 6000	10000 x 7000 x 6500	12000 x 8000 x 7000	13000 x 7000 x 7500	15000 x 10000 x 8000

Continuous Hanger Type
Shot Blasting Machine

The Machine operates using an overhead continuous conveyor system designed to transport medium to large components suspended on specially designed hangers. These hangers move continuously through various stages of the machine without interruption. Once loaded, the hangers enter the blast chamber, where powerful blast wheels mounted at strategic locations propel abrasive media at high velocity onto the surface of the components. This continuous flow system eliminates the need for stopping or manual intervention, significantly enhancing production efficiency. The process effectively removes rust, scale, paint, and other surface impurities, preparing the components for further processing such as coating, painting, or assembly.



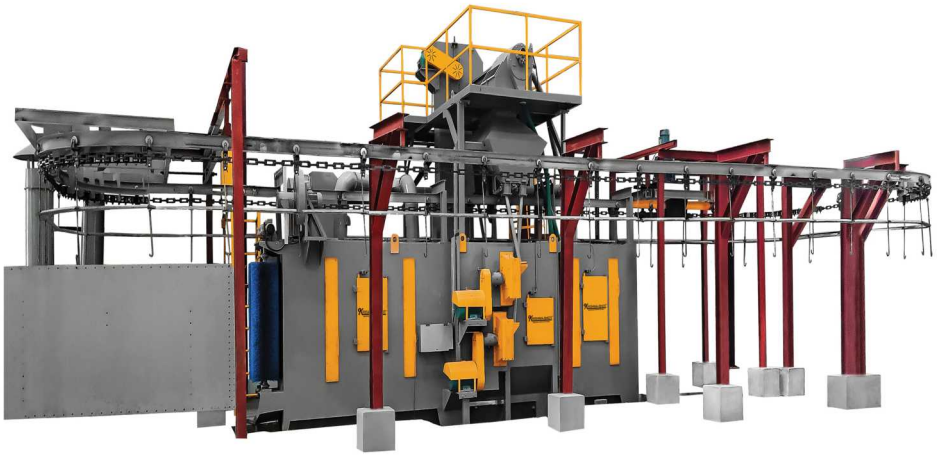
High-Capacity Blasting Chamber Designed for Continuous Flow

(4 Wheels Both side)
Multi-Wheel Design: Scalable from
2 to 16 Blast Wheels

KRISHNA-SHOT®
BLASTING & PAINTING SYSTEMS

Key Features

- **Overhead Continuous Conveyor:** Moves jobs through the blasting process without stopping.
- **Fixed Hanger Design:** Holds medium to large parts securely without rotation.
- **Durable Blast Chamber:** Manganese steel-lined for wear resistance and long life.
- **2 to 16 Blast Wheels:** High-power turbines ensure efficient surface cleaning.
- **Continuous Loading/Unloading:** Enables nonstop operation for high productivity.
- **Dust Collector Unit:** Captures dust and fine particles for a clean work environment.
- **Abrasive Recycling System:** Automatically separates and reuses blast media.
- **PLC Control Panel:** Ensures smooth, automated, and safe machine operation.
- **Heavy-Duty Structure:** Built for industrial use with minimal maintenance needs.



Before

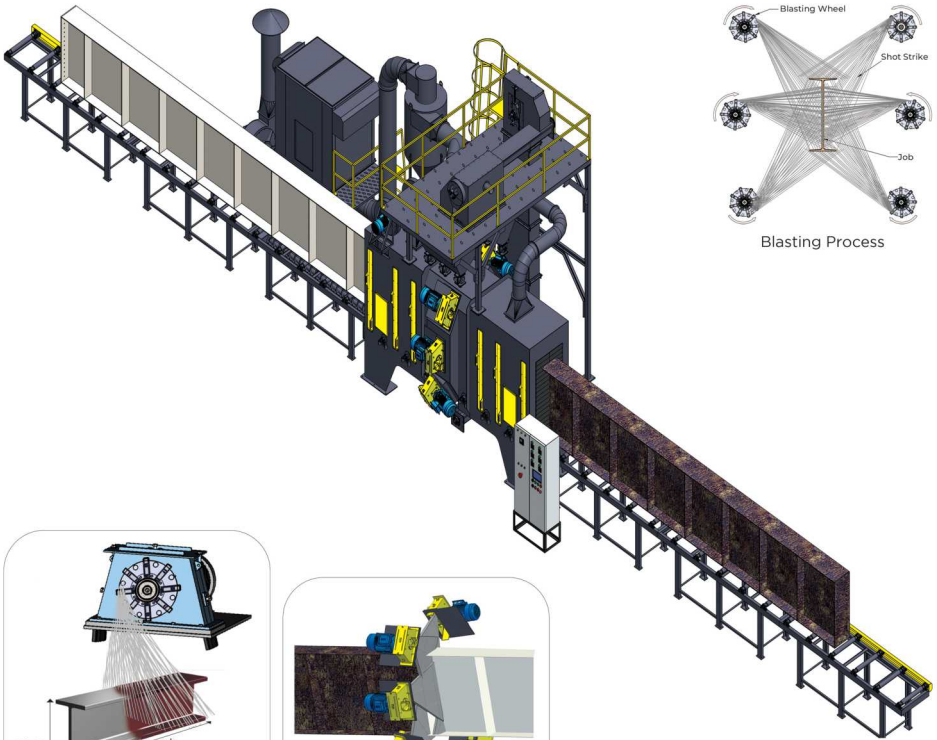
After

Specification For our Standard Models

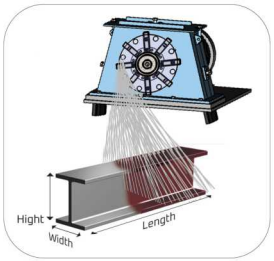
MODEL	C1	C2	C3	C4	C5
Envelope Size (WxH) mm	500 x 1000	800 x 1800	1000 x 2500	1200 x 3000	1500 x 3500
No. of Wheels	4 NOS.	6 NOS.	8 NOS.	10 NOS.	12 NOS.
Wheels Power (HP)	15 HP	15 HP	20 HP	20 HP	20 HP
Hanger Load (Each)	100 / 200 KG	100 / 200 KG	200 / 300 KG	200 / 300 KG	200 / 300 KG
Hanger Pitch (mm)	600 / 900 mm	600 / 900 mm	600 / 900 mm	600 / 900 mm	600 / 900 mm
Overall Machine Dimensions (mm)	12000 x 10000 x 6000	14000 x 12000 x 6500	15000 x 12000 x 7000	16000 x 12500 x 7500	17000 x 13000 x 8000
Total Power Consumption (HP)	100 / 120	140 / 170	180 / 220	220 / 270	250 / 310

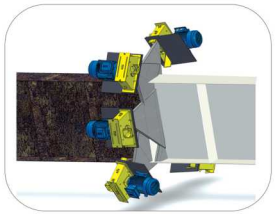
PEB Structure Roller Conveyor
Shot Blasting Machine

The Machine is specially designed for surface preparation of large structural components like I-beams, H-beams, PEB structures, channels, angles, and steel plates. As components move on a motorized roller conveyor, they pass through a blasting chamber where abrasive is propelled by high-speed blast wheels, removing rust, scale, and old paint. This process ensures a clean, roughened surface ideal for painting, welding, or coating. The machine supports high throughput and consistent quality, making it perfect for steel fabrication, bridge construction, and heavy engineering industries.



Blasting Process





KRISHNA-SHOT®
BLASTING & PAINTING SYSTEMS

Key Features

- **2 to 16 Blast Wheels** – Customizable for job size and speed.
- **Heavy-Duty Roller Conveyors** – For long, heavy steel components.
- **PLC-Based Control Panel** – Smart automation and easy operation.
- **Variable Conveyor Speed** – Adjustable for different cleaning needs.
- **Automatic Abrasive Recycling** – Reduces media usage and costs.
- **High-Wear Protection** – Manganese lining for long life.
- **Efficient Dust Collector** – Keeps the work area clean.
- **Ideal for Beams & PEB Structures** – Perfect for large steel profiles.

Before

After

Before

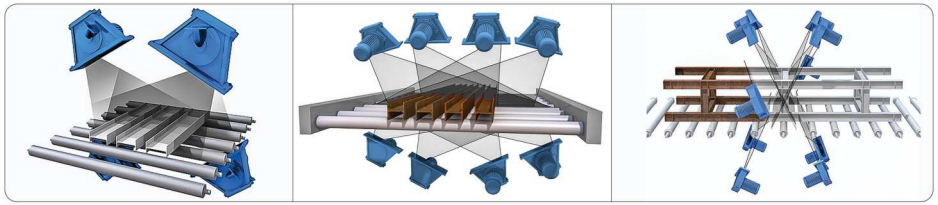
After

Specification For Our Standard Models

MODEL	PEB-1000	PEB-1500	PEB-2000	PEB-2500	PEB-3000
Max Beam Size (WxHxL) mm	500 x 1000 x 12000	500 x 1500 x 12000	700 x 2000 x 12000	1000 x 2500 x 12000	1000 x 3000 x 12000
Passage Opening (WxH) mm	700 x 1200	800 x 1700	1000 x 2200	1200 x 2700	1400 x 3200
No. of Blast Wheel	4 NOS.	6 NOS.	8 NOS.	10 NOS.	12 NOS.
HP of Blast Wheel	7.5 / 10 / 15	7.5 / 10 / 15	10 / 15 / 20	10 / 15 / 20	15 / 20 / 25
Roller Conveyor Load Capacity /Min	300 Kg/Min	500 Kg/Min	800 Kg/Min	1000 Kg/Min	1200 Kg/Min
Roller Conveyor Length (Both Side)	10 m.	10 m.	10 m.	10 m.	10 m.
Production Output (Line Speed)	0.5-0.3 m./min	0.5-0.3 m./min	0.5-0.3 m./min	0.5-0.3 m./min	0.5-0.3 m./min
Compressed Air	20 cfm@80psi	30 cfm@80psi	40 cfm@80psi	50 cfm@80psi	60 cfm@80psi
Overall Machine Dimensions (LxWxH)	30m. x 4.5m. x 5.5m.	30m. x 5m. x 6m.	30m. x 6m. x 7m.	30m. x 7.5m. x 8m.	30m. x 8m. x 9m.
Total Electric Supply (HP)	50 / 60 / 80	70 / 80 / 120	100 / 170 / 210	110 / 200 / 250	250 / 310 / 370

Roller Conveyor
Shot Blasting Machine

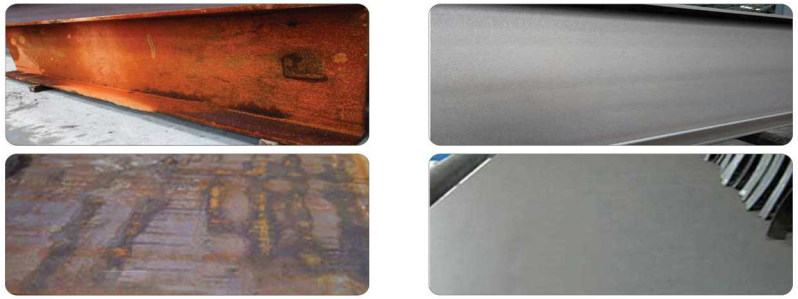
A Roller Conveyor Shot Blasting Machine is used to clean flat and structural metal components. The workpieces are placed on motorized rollers that carry them through the blast chamber. Inside, high-speed blast wheels throw abrasive media onto the surfaces to remove rust, scale, and old paint. After blasting, brushes and air blowers clean off any remaining abrasive. The machine also includes a recovery system that collects and recycles the abrasive for continuous operation.



Blasting Techniques for Pre-Fabricated Structural Components

Key Features

- **2 to 16 Blast Wheels** – Customizable based on job size and production speed.
- **Heavy-Duty Roller Conveyors** – Built to handle long, heavy steel and fabricated structures.
- **PLC-Based Control Panel** – Ensures automated, reliable, and user-friendly operation.
- **Variable Conveyor Speed** – Adjustable to suit different surface cleaning requirements.
- **Automatic Abrasive Recycling** – Efficient media recovery lowers operational cost.
- **High-Wear Protection** – Manganese-lined chamber for superior durability and long life.
- **Efficient Dust Collector** – Maintains a clean environment by removing airborne particles.
- **Consistent Surface Finish** – Delivers uniform blasting results across the entire workpiece.
- **Robust Structure** – Designed for continuous heavy-duty industrial usage.
- **Ideal for Fabricated Structures** – Specially engineered to clean welded and complex assemblies with precision & efficiency.



Before | After

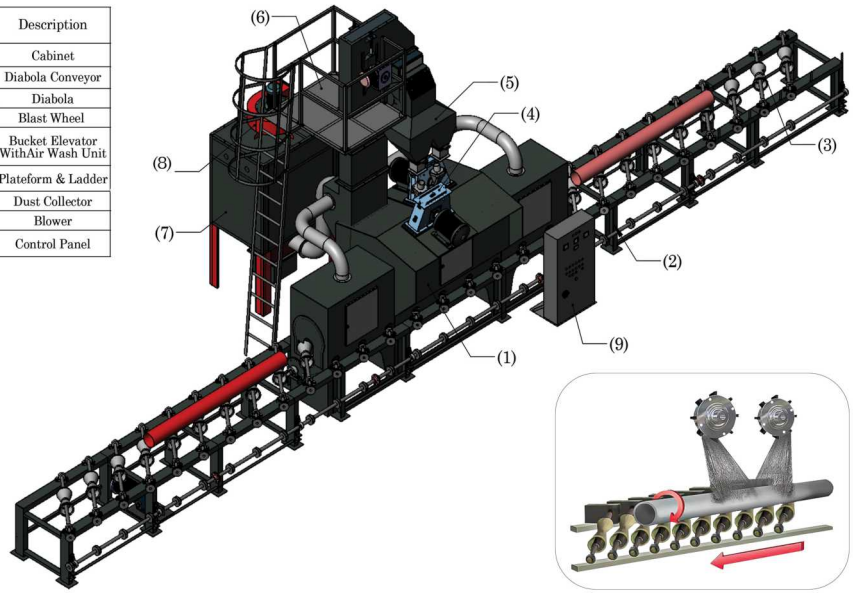
Specification For Our Standard Models

MODEL	R4	R6	R8	R10	R12
(A) Passage Opening (WxH) mm	1000 x 1000	1500 x 1500	2000 x 2000	2500 x 2500	3000 x 3000
(B) Passage Opening (WxH) mm	1500 x 500	2000 x 1000	2500 x 1500	3000 x 2000	4000 x 2000
(C) Passage Opening (WxH) mm	500 x 1500	1000 x 2000	1500 x 2500	2000 x 3000	2000 x 4000
(D) Passage Opening (WxH) mm	1700 x 300	500 x 2500	1000 x 3000	1500 x 3500	1500 x 4500
(E) Passage Opening (WxH) mm	1800 x 200	2500 x 500	3000 x 1000	3500 x 1500	4500 x 1500
No. of Wheels	4 NOS.	6 NOS.	8 NOS.	10 NOS.	12 NOS.
Power (HP)	15 / 20	15 / 20	15 / 20	15 / 20	15 / 20
Roller Conveyor Capacity Per Liner Meter	500 KG	500 / 1000	500 / 1000	500 / 1000	500 / 1000
Roller Conveyor Length (Both Side)	10 M	10 M	10 M	10 M	10 M
Overall Machine Dimensions (LxWxH) m.	30 x 6000 x 6000	30 x 6500 x 6500	30 x 7000 x 7000	30 x 7500 x 7000	30 x 8500 x 7000
Total Electric Supply (HP)	100 / 120	140 / 170	180 / 220	220 / 270	250 / 310

Diabola Type
Shot Blasting Machine

The Diabola Type Shot Blasting Machine is specially designed for cleaning long and cylindrical components such as pipes, rods, shafts, and bars. The job is placed on diabola-shaped rollers (V-shaped or skewed) which rotate and move the component forward simultaneously. As the component rotates, high-efficiency blast wheels target all surfaces to remove rust, scale, and surface contaminants. This ensures 360° coverage and a uniform finish across the entire length. The machine includes an abrasive recovery system and a dust collector for continuous, clean, and efficient operation.

Part No	Description
1.	Cabinet
2.	Diabola Conveyor
3.	Diabola
4.	Blast Wheel
5.	Bucket Elevator WithAir Wash Unit
6.	Plateform & Ladder
7.	Dust Collector
8.	Blower
9.	Control Panel



Blasting Process

KRISHNA-SHOT
BLASTING & PAINTING SYSTEMS

Key Features

- **Diabola Rollers** – V-shaped rollers ensure smooth rotation and forward movement of cylindrical jobs like pipes and rods.
- **360° Surface Cleaning** – Complete and uniform blasting coverage for round components such as tubes, shafts, and bars.
- **High-Performance Blast Wheels** – Deliver fast and even abrasive cleaning with powerful turbine action.
- **Adjustable Conveyor Speed** – Allows control over job exposure time for different cleaning requirements.
- **Abrasive Recycling System** – Includes elevator, separator, and hopper for continuous abrasive reuse.
- **Heavy-Duty Lined Cabinet** – Fitted with wear-resistant liners to handle high-impact blasting.
- **Dust Collector Unit** – Maintains a clean and pollution-free working environment.
- **PLC-Based Operation** – Easy and safe machine control with automation features.

Diabola Type (Pipe / CNC Cylinder)
Shot Blasting Machine

Diabola Conveyor &
Dust Collector System

Before

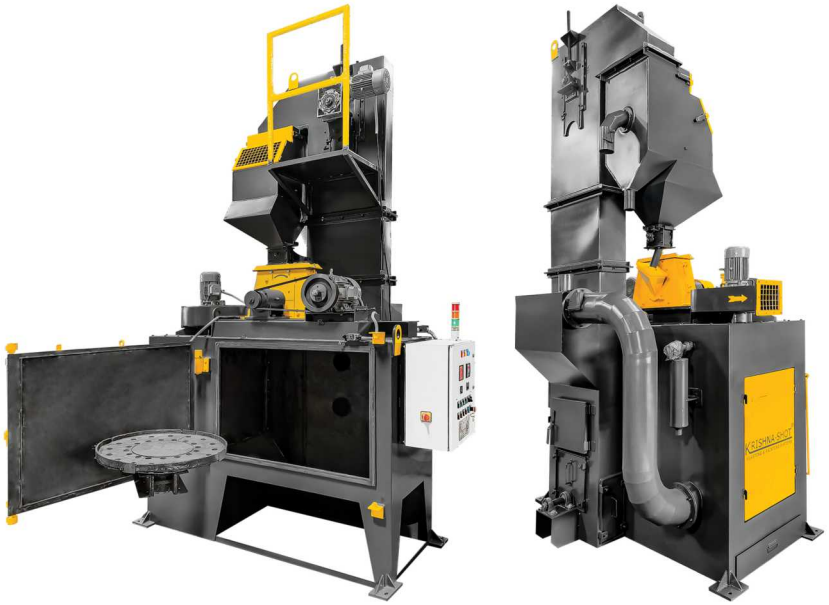
After

Before

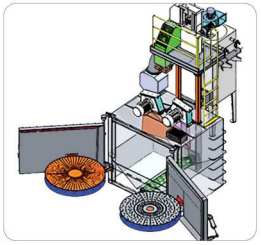
After

Swing Table Type
Shot Blasting Machine

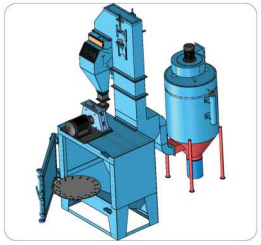
The Swing Table Type Shot Blasting Machine is designed for cleaning flat, heavy, or irregularly shaped components by placing them on a rotating table inside the blast chamber. The double door system allows simultaneous loading and unloading—one door can be operated while the other is blasting, increasing productivity. As the table rotates, high-speed blast wheels target all exposed surfaces with abrasive media for uniform cleaning. The system includes abrasive recovery, dust collection, and wear-resistant linings for continuous and reliable operation. It's ideal for components like gears, dies, and castings requiring batch-type surface treatment.



SINGLE DOOR SWING TABLE TYPE MACHINE



DOUBLE DOOR SWING TABLE TYPE MACHINE



SINGLE DOOR SWING TABLE TYPE MACHINE

Specification For our Standard Models

MODEL	S-1	S-2	S-3
Swing Table Dia (mm)	700	900	1200
Work Load Capacity (Kg)	300	400	750
Turbine Size	305 x 63	395 x 63	495 x 63
Wheel Power (HP)	7.5 HP	15 HP	20 HP
Dust Collector Capacity	1200 CFM / 3 HP	2000 CFM / 5 HP	3000 CFM / 7.5 HP
Total Powder Consumption	16.5 HP	25 HP	30 HP

KRISHNA-SHOT®
BLASTING & PAINTING SYSTEMS

Key Features

- **Heavy-Duty Rotating Table** – Handles large, flat, or irregular parts efficiently.
- **High-Performance Blast Wheels** – Ensures fast and uniform surface cleaning.
- **Manganese Lined Cabinet** – For long-lasting wear resistance.
- **Automatic Abrasive Recovery System** – Recirculates media to reduce consumption.
- **Efficient Dust Collector Unit** – Keeps the work environment clean and safe.
- **PLC-Based Control Panel** – Provides reliable operation and easy monitoring.
- **Custom Table Sizes Available** – Suitable for a wide range of part dimensions.
- **Safety Interlocks on Doors** – Prevents accidental opening during operation.
- **Low Maintenance Design** – Easy access for service and part replacement.

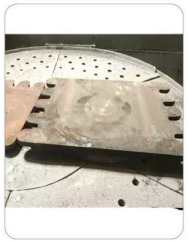
DOUBLE DOOR SWING TABLE TYPE MACHINE

Blast Wheel Arrangement

Dust Collector

Manganese Lined Cabinet

Second Door with Heavy Load Capacity



Before Blasting

After Blasting

Optional Features

- **Double Door Design** – Allows alternate door operation for continuous loading/unloading.
- **Automatic Table Drive with VFD** – Adjustable table rotation speed for better control.
- **Additional Blast Wheels** – For faster cleaning or complex part coverage.
- **HMI-Touchscreen with Recipe Settings** – For different job programs and easy operation.
- **Custom Table Sizes or Dual Table Configuration** – To suit specific part sizes and increase throughput.
- **Heat-Resistant Cabinet Lining** – For handling hot components after heat treatment.

Air-Based Cabinet Machines

Air-based cabinet machines use compressed air to facilitate processes such as sandblasting or paint spraying within an enclosed space, ensuring a clean and controlled environment. They are designed for efficient, precise applications in industrial and automotive settings, minimizing mess and enhancing safety.

Abrasive Blasting
Machines

A Abrasive (Cabinet Type) Shot Blasting Machine is a compact and enclosed system used for cleaning, deburring, and surface preparation of small to medium-sized components. It is available in three main types based on blasting technology: suction blast, pressure blast, and wet blast. The suction blast cabinet uses a vacuum system to draw abrasive media, suitable for light-duty applications. The pressure blast cabinet utilizes pressurized air for high-impact blasting, ideal for tough surface treatments. The wet blast cabinet combines abrasive media with water, reducing dust and making it suitable for delicate or heat-sensitive parts. All cabinet machines come with a dust collector, media recycling system, and operator-safe glove box with a viewing window for controlled and efficient blasting.

Pressure Blast Cabinet | Wet Blast Cabinet | Suction Blast Cabinet

Key Features

- **Enclosed Cabinet Design:** Ensures safe, clean, and controlled blasting environment.
- **Movable Work Cart:** Allows easy loading and positioning of parts inside the cabinet.
- **Built-in Hand Gloves & Viewing Window:** Enables operator to safely control the blasting process with clear visibility.
- **Efficient Abrasive Recycling System:** Collects, cleans, and reuses media for cost-effective operation.
- **Integrated Dust Collection Unit:** Maintains a clean workspace and improves operator safety.
- **LED Interior Lighting:** Provides clear visibility for precision blasting.
- **Durable Construction:** Built with wear-resistant materials for long-term use.
- **User-Friendly Controls:** Easy to operate with adjustable settings for different job requirements.

KRISHNA-SHOT®
BLASTING & PAINTING SYSTEMS

Suction Blast Cabinet:

Cabinet-type shot blasting machines operate by placing the job on a movable work cart inside a sealed chamber. The operator controls the blasting process using built-in gloves while abrasive media is propelled by suction, pressure, or water-mixed flow depending on the machine type. Media is continuously recycled, and dust is collected for clean operation. Suction cabinets are ideal for light-duty work, pressure cabinets offer high-speed cleaning for tough surfaces, and wet blast cabinets provide dust-free, gentle blasting for delicate parts. All models feature efficient media recovery, adjustable blasting control, and safe, ergonomic design.

Pressure Blast Cabinet:

In a pressure blast cabinet, the workpiece is placed on a movable work cart inside the enclosed chamber. Abrasive media is forcefully propelled through a blast nozzle using compressed air from a pressure vessel, delivering high-impact cleaning. The system ensures fast, uniform surface treatment with continuous media recycling and dust collection. Key features include high blasting power, adjustable pressure control, heavy-duty construction, quick operation, and efficient dust management, making it ideal for rust removal, paint stripping, and industrial-scale cleaning tasks.

Wet Blast Cabinet:

In a wet blast cabinet, the job is placed on a movable work cart inside a sealed chamber. Abrasive media is mixed with water and propelled onto the surface using compressed air, creating a smooth and dust-free blasting process. This method is ideal for delicate or heat-sensitive components. Key features include dust-free operation, gentle yet effective cleaning, superior surface finish, rust inhibitor compatibility, abrasive recycling system, and safe operator handling, making it perfect for precision parts and polishing applications.

Specification For Our Standard Models

MODEL	KSB-SB-6060	KSB-SB-9182	KSB-SB-12090	KSB-SB-150120	KSB-PB-6060	KSB-PB-9182	KSB-PB-12090	KSB-PB-150120	KSB-WB-9182	KSB-WB-12090
Working Chamber Size (Width x Depth x Height)	W=600 D=600 H=600	W=910 D=820 H=775	W=1200 D=900 H=900	W=1500 D=1200 H=900	W=600 D=600 H=600	W=910 D=820 H=775	W=1200 D=900 H=900	W=1500 D=1200 H=900	W=910 D=820 H=775	W=1200 D=900 H=900
Nozzle Size(mm)	*6/8	*8/10	*8/10/12	*8/10/12	*5/6	*5/6	*5/6	*5/6	*8/10	*8/10/12
Air Jet Orifice (mm)	*2/3	*3/4	*3/4/5.5	*3/4/5.5	-	-	-	-	*3/4	*3/4/5.5
Dust Collector Motor HP	-	1.0	1.0	1.5	0.5	1.0	1.0	1.5	0.5	1.0
Capacity (CFM)	0.5	400	400	800	250	500	500	800	200	400
Slurry Pump	250	-	-	-	-	-	-	-	1.0	1.0
Filter Area (SQ. M)	1.0	7.5	7.5	10	4	7.5	7.5	10	-	-
Abrasive Storage Capacity liters (Cft)	14(0.5)	28(1.0)	42(1.5)	42(1.5)	14(0.5)	28(1.0)	42(1.5)	42(1.5)	28(1.0)	42(1.5)
Compressed Air Required At 80 Psi	*21/25	*25/45	*25/45	*25/45	55	*55/78	*55/78	*55/78	*25/45	*25/45

Portable Blaster Machine

A Portable Blaster Machine is a compact, mobile abrasive blasting unit used for on-site cleaning, rust removal, and surface preparation. The machine consists of a pressurized blasting pot, abrasive storage tank, blast hose, and nozzle. Compressed air forces abrasive media through the hose and nozzle onto the surface being treated. The operator manually controls the blast flow using a deadman handle for safety. Suitable for cleaning tanks, pipelines, metal structures, and outdoor jobs, it offers flexibility, high-pressure blasting, and ease of movement across job sites.

Specification For Our Standard Models

S.No.	MODEL	KSB-P7-301/R	KSB-P7-501/R	KSB P7-1001/R
1	Tank Capacity In (Kg / Ltr.)	300 / 90	500 / 142	1000 / 285
2	Machine dimension-Dia (mm),Height (mm)	365, 1300	610, 1400	760, 1600
3	Selection Criteria On Production Rate Sq Mtr/Hr	4-7	9-12	15-20
4	Blast Nozzle Size (mm)	6-0	8-0	*10/12
5	Blasting Hose Size (mm),Length-Meter	19, 5.0	25, 7.5	32,10
6	Compressed Air Required at 80 Psi (CFM)	70	135	240
7	Compressor Requirement (HP)	25	40	75
8	Recommend Grit Size- Bs Mesh	25 to 80	16 to 80	12 to 80
9	Empty Machine Approx Weight-Kg	150	190	250

KRISHNA-SHOT®
BLASTING & PAINTING SYSTEMS

Key Features

- **Compact & Mobile Design:** Easy to transport and ideal for on-site or outdoor blasting tasks.
- **High-Pressure Blasting:** Delivers powerful performance for removing rust, paint, and scale.
- **Heavy-Duty Blast Pot:** Built to withstand high pressure and continuous operation.
- **Abrasive Control Valve:** Allows precise adjustment of media flow for different surfaces.
- **Deadman Handle:** Ensures operator safety with instant start/stop control.
- **Compatible with Various Abrasives:** Can be used with garnet, grit, copper slag, and more.
- **Easy Maintenance:** Simple layout with quick-access parts for servicing.
- **Optional Dust Collector Attachment:** Reduces airborne dust for cleaner operation.

Portable Blaster (P7 - 1001 R)

Portable Blaster (P7 - 500 R)

Portable Blaster Operating Safety Wear

- **Compact & Mobile Design:** Easy to transport and ideal for on-site or outdoor blasting tasks.
- **High-Pressure Blasting:** Delivers powerful performance for removing rust, paint, and scale.
- **Heavy-Duty Blast Pot:** Built to withstand high pressure and continuous operation.
- **Abrasive Control Valve:** Allows precise adjustment of media flow for different surfaces.
- **Deadman Handle:** Ensures operator safety with instant start/stop control.
- **Compatible with Various Abrasives:** Can be used with garnet, grit, copper slag, and more.
- **Easy Maintenance:** Simple layout with quick-access parts for servicing.
- **Optional Dust Collector Attachment:** Reduces airborne dust for cleaner operation.

Special Abrasive Blasting Machine

Geyser Abrasive Blasting Machine

The Geyser Abrasive Blasting Machine combines high-pressure water with abrasive media to form a cleaning slurry that is propelled onto the work surface for effective removal of rust, paint, scale, and contaminants. This water-based process reduces dust and heat generation, making it safe for delicate or heat-sensitive parts while delivering a smooth, refined finish. Designed for efficiency, the system features continuous filtration and recycling of media and water, ensuring eco-friendly, cost-effective, and reliable operation.

Satellite Abrasive Blasting Machine

A Satellite Abrasive Blasting Machine is designed with multiple rotating satellite stations for simultaneous blasting of several components. It ensures uniform cleaning, deburring, and surface preparation with high productivity and consistent quality. Ideal for small to medium-sized parts, it features automatic media recycling, efficient dust collection, and customizable blast settings for precision finishing in mass production.

Tyre Mould Abrasive Blasting Machine

A Tyre Mould Abrasive Blasting Machine is specially designed for cleaning and maintaining tyre moulds with precision. It effectively removes rubber residues, carbon deposits, and contaminants without damaging fine mould details. Featuring uniform blasting, automatic media recovery, and efficient dust collection, it ensures extended mould life, reduced downtime, and high-quality tyre production.

Internal Surface Shot Blasting Machine

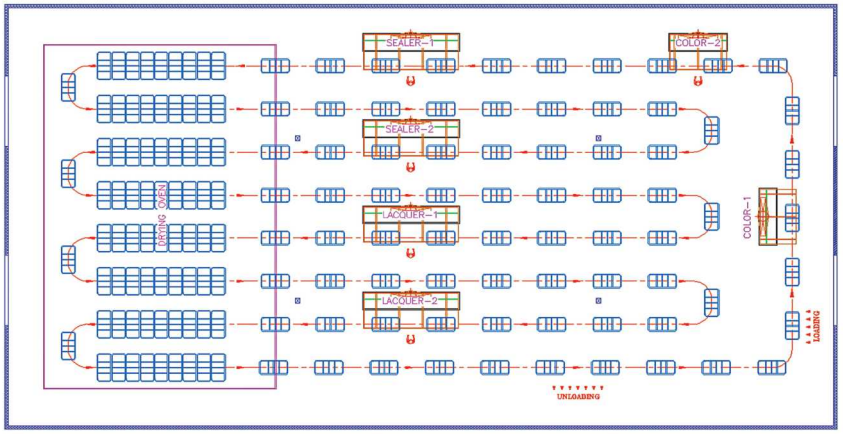
An Internal Surface Shot Blasting Machine is engineered to clean and prepare the inner surfaces of pipes, tubes, and cylindrical components. It uses specialized nozzles to direct abrasive media inside, removing rust, scale, and coatings efficiently. The system ensures uniform internal cleaning, automatic media recovery, and effective dust collection, making it ideal for oil, gas, and process industries.

Machines For Furniture Industry

The finishing line includes a water curtain booth that cleans the air and removes overspray before the furniture reaches the dry paint spray booth, where paint is applied evenly. The painted items then move to the drying oven for curing, and a cart conveyor transports them efficiently through each stage of the process. This setup ensures a high-quality finish by integrating cleaning, painting, and drying in a streamlined workflow.

Finishing Line System
with Cart & Hanger Conveyor

This is a fully integrated painting and curing system designed for smooth and continuous operation. Jobs are first loaded onto the cart conveyor or hung on hooks, after which they pass through the water curtain paint booth, where overspray is efficiently captured to maintain a clean environment and high-quality finish. From the booth, components are automatically transferred onto the hanger conveyor, which carries them directly into the curing oven. Inside the oven, the coated parts are baked to achieve a strong, uniform, and durable finish. Finally, the finished jobs move out for cooling and unloading, completing the process in one streamlined flow.



Cart Conveyor Finishing line system

A Cart Conveyor Finishing Line System works by moving components on wheeled carts along a guided conveyor track through different surface preparation and finishing stages. Jobs are loaded onto carts and transported sequentially through blasting, painting, drying, or coating stations without manual handling. The system ensures smooth workflow, reduced labor effort, and consistent process quality. With customizable layouts, automatic media recovery, and dust/fume extraction, it offers efficient, continuous, and safe operation for medium to large-scale production.

Horizontal (Roller Conveyor) Finishing Line System

A Horizontal (Roller Conveyor) Finishing Line System transports components on rollers through various surface preparation and finishing stages. Parts move smoothly from blasting to painting, drying, or coating stations with minimal manual handling. The system ensures uniform processing, high throughput, and consistent quality. Equipped with automatic media recovery, dust and fume extraction, and adjustable speed controls, it provides efficient, continuous, and safe operation for medium to large-scale production.

KRISHNA-SHOT®
BLASTING & PAINTING SYSTEMS

Front Open Dry Paint Spray Booth System

A Front Open Dry Paint Spray Booth System is designed for efficient, dust-free painting of medium to large components. The open-front design allows easy loading and operation while maintaining controlled airflow to capture overspray. Equipped with exhaust fans, filters, and proper ventilation, it ensures a clean working environment and high-quality finishes. The system provides safe, ergonomic operation with energy-efficient performance for consistent painting results.

Front Open Water Curtain Paint Spray Booth System

A Front Open Water Curtain Paint Spray Booth System features an open-front design with a water curtain to capture overspray, ensuring a clean, dust-free environment. Components are easily loaded and painted while the water curtain traps paint particles, reducing air pollution and improving finish quality. Equipped with pumps, filtration, and ventilation systems, it ensures safe, efficient, and consistent painting for medium to large-sized parts.

Cart Conveyor Drying Oven System

A Cart Conveyor Drying Oven System transports components on wheeled carts through a controlled heating chamber for uniform drying or curing. The system ensures consistent temperature distribution, efficient moisture removal, and high throughput. With automated cart movement, energy-efficient heating, and safety controls, it provides reliable, continuous, and precise drying for coatings, paints, or other surface treatments.

Roller Conveyor Drying Oven System

A Roller Conveyor Drying Oven System moves components continuously on rollers through a heated chamber for uniform drying or curing. It ensures consistent temperature distribution and efficient moisture removal across all parts. Equipped with energy-efficient heating, automated roller movement, and safety controls, the system provides reliable, high-throughput, and precise drying for paints, coatings, or other surface treatments.

Centralized
Sanding Wall

A Centralized Sanding Wall system is designed for efficient surface finishing of multiple parts simultaneously. Operators work at a single, wall-mounted station where sanding is performed, while dust and debris are extracted through integrated suction. The system ensures uniform sanding, reduces manual handling, and maintains a clean, safe workspace. It is ideal for high-volume production, offering consistent surface quality and improved operator efficiency.

Powder Coating
& Oven System

A Powder Coating & Oven System Booth provides a complete solution for coating and curing components. The powder coating booth sprays dry powder uniformly onto parts, while integrated filters capture overspray to maintain a clean environment. Coated parts are then transferred to the oven, where controlled heat ensures even curing and a durable, high-quality finish. The system delivers efficient, safe, and consistent powder coating for industrial production.

KRISHNA-SHOT
BLASTING & PAINTING SYSTEMS

Centralized
Dust Collector

A Centralized Dust Collector removes dust, fumes, and airborne particles from multiple machines or workstations through a network of ducts. Contaminated air passes through filters or cyclones, trapping dust while clean air is exhausted. Collected dust is stored for easy disposal or recycling. The system ensures a safe, clean working environment, protects equipment, and maintains efficient operation across the facility.

Rotary Valve, Ducting &
Controll Panel

The Rotary Valve, Ducting & Controll Panel system works together to manage dust and airflow in industrial processes. The rotary valve regulates the discharge of collected dust from the dust collector, while ducting channels contaminated air from machines to the collector. The control panel monitors and operates the system, ensuring optimal airflow, safe operation, and efficient dust removal across the facility.

The Ultimate Guide to Shot Blasting: Everything You Need to Know

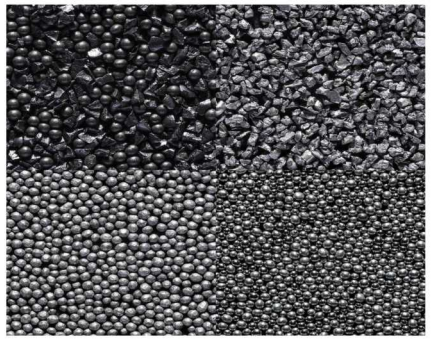
The Ultimate Guide to Shot Blasting: Everything You Need to Know Shot blasting is a powerful and versatile method used in industries ranging from manufacturing to construction. It's a process that involves propelling abrasive materials at high speeds to clean, prepare, or finish surfaces.

Read More at
www.krishnashot.com

Case Study: How Shot Blasting Transformed a Rusty Metal Surface

Rust can be a stubborn adversary when it comes to metal surfaces. Not only does it compromise the structural integrity of the material, but it also affects its aesthetic appeal. However, there's a remarkable solution that has been revolutionizing the restoration of rusty metal surfaces: shot blasting.

Read More at
www.krishnashot.com



5 Key Benefits of Utilizing Shot Blasting for Surface Preparation

When it comes to surface preparation, shot blasting stands out as a highly effective method used across various industries. Whether you're preparing surfaces for painting, coating, or simply looking to restore a worn-out surface, shot blasting offers several advantages over traditional methods like sanding or chemical stripping.

Read More at
www.krishnashot.com

The Art of Surface Preparation: Before & After Blasting

Surface preparation is a critical step in numerous industries, from construction to manufacturing. Whether you're painting a bridge, coating a pipeline, or refurbishing industrial equipment, proper surface preparation ensures longevity and performance.

Read More at
www.krishnashot.com

Exploring the Different Types of Shot Blasting Techniques

Shot blasting is a surface preparation technique used in various industries to clean, strengthen, or prepare surfaces for further treatment such as coating or painting. There are several types of shot blasting techniques, each with its own specific applications and advantages. Here are some of the most common types:

Read More at
www.krishnashot.com

Choosing the Right Abrasive Media for Your Shot Blasting Project

Shot blasting is a highly effective method used in various industries for surface preparation, cleaning, and finishing tasks. Central to the success of shot blasting is the choice of abrasive media.

Read More at
www.krishnashot.com

Why Industries Choose Shot Blasting Machines

Industries choose shot blasting because it delivers superior surface preparation, ensuring parts are clean, smooth, and free from rust, scale, and old coatings. This process enhances durability by improving coating adhesion, reduces corrosion, and extends the life of components. Shot blasting is also highly efficient, capable of handling large volumes of parts quickly, which saves both time and labor costs. Its versatility allows it to be used on a

Read More at
www.krishnashot.com

How Shot Blasting Improves Production

Shot blasting improves production by streamlining surface preparation and reducing manual labor, allowing manufacturers to process large volumes of parts efficiently. By delivering clean, uniform surfaces, it ensures better coating adhesion and consistent product quality, minimizing rework and defects. Integrated shot blasting systems can work seamlessly with painting, powder coating, or finishing lines, creating a

Read More at
www.krishnashot.com

Cost-Effectiveness: How Shot Blasting Saves Time, Reduces Waste, and Optimizes Production Costs

Investing in shot blasting systems significantly reduces operational costs by minimizing manual labor, cutting down on material waste, and accelerating production cycles. Its efficiency ensures faster turnaround times, consistent surface quality, and overall cost savings, making it a smart choice for manufacturers seeking both performance and budget optimization.

Read More at
www.krishnashot.com

Enhancing Efficiency and Precision: The Role of Conveyor Systems in Shot Blasting

In the realm of industrial surface preparation and finishing, shot blasting stands out as a widely employed technique to clean, strengthen, or texture surfaces. Central to the effectiveness and efficiency of shot blasting processes is the integration of conveyor systems.

Read More at
www.krishnashot.com

Exploring Wheel Blasting Machines in Industrial Surface Preparation

In the realm of industrial surface preparation, efficiency, precision, and safety are paramount. Whether it's for cleaning, deburring, descaling, or achieving a specific surface finish, the choice of machinery can significantly impact the outcome.

Read More at
www.krishnashot.com

Unlocking Efficiency and Ease: The Advantages of Turnkey Installation

In today's fast-paced world, businesses are constantly seeking ways to streamline processes, cut costs, and maximize efficiency. One solution that has gained significant traction across industries is turnkey installation.

Read More at
www.krishnashot.com

Safety First: Essential Tips for Ensuring Safe Shot Blasting Operations

Shot blasting is a widely used method for cleaning, preparing, and finishing surfaces in various industries, from automotive to construction. However, like any industrial process, shot blasting comes with its own set of risks and hazards.

Read More at
www.krishnashot.com

Environmental Impact of Shot Blasting: Sustainable Practices and Solutions

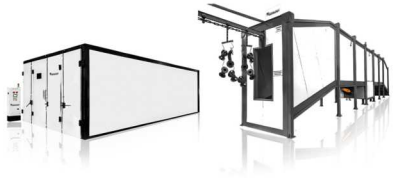
Shot blasting is a common industrial process used for surface cleaning, preparation, and finishing of materials like metal, concrete, and wood. While it offers numerous benefits in terms of efficiency and effectiveness, it also comes with environmental impacts that need to be addressed.

Read More at
www.krishnashot.com

Understanding the Breakdown of Industrial Process Ovens: Causes, Impacts, and Solutions

These ovens are designed to facilitate specific processes such as drying, curing, baking, or heating materials or products to precise temperatures. However, like any mechanical equipment, industrial ovens are susceptible to breakdowns, which can disrupt production schedules, increase costs, and impact product quality.

Read More at
www.krishnashot.com



Exhibitions

HIMTEX Hyderabad International Machine Tool & Engineering Expo 2024

Krishna Shot Blasting proudly participated in the prestigious HIMTEX Hyderabad International Machine Tool & Engineering Expo 2024, a premier event that brings together industry leaders, manufacturers, engineers, and professionals from across the globe. The expo, renowned for showcasing cutting-edge innovations in machine tools and engineering technology, provided an ideal platform for

Read More at
www.krishnashot.com

The Truck Trailer and Tire Expo 2024 in Ahmedabad

Krishna Shot Blasting is proud to have been part of The Truck Trailer and Tire Expo 2024, held in Ahmedabad. This event brought together key players from the trucking, trailer, and tire industries, providing a dynamic platform for showcasing cutting-edge technologies, networking with industry leaders, and exploring future trends.

Read More at
www.krishnashot.co

Material Engineering & Technology Expo 2024 in Mumbai

Krishna Shot Blasting recently participated in the highly anticipated Material Engineering & Technology Expo 2024, held in Mumbai. The event, renowned for showcasing cutting-edge innovations and technologies in the material engineering sector, provided an excellent platform for us to connect with industry leaders, potential clients, and fellow innovators.

Read More at
www.krishnashot.co

Exhibitions

The Industrial Engineering Expo 2024 in Indore

"Dive into the future of industrial engineering at the Industrial Engineering Expo 2024 in Indore! Discover the latest advancements, technologies, and solutions shaping the industrial landscape. Join us at the Labhganga Exhibition Center to network with industry leaders and explore innovative tools driving efficiency and progress."

Read More at
www.krishnashot.com

STEEL FAB Sharjah Expo 2024

"Explore the forefront of steel fabrication at Steel Fab Sharjah Expo 2024! Join industry leaders, professionals, and innovators as they showcase cutting-edge technologies, equipment, and solutions in the heart of Sharjah. Don't miss this opportunity to stay ahead in the dynamic world of steel fabrication."

Read More at
www.krishnashot.co

Engimach Expo 2023 in Gandhinagar

"Our Shot Blasting Company Shines at Engimach Expo 2023 in Gandhinagar! We recently showcased our advanced solutions at one of India's leading engineering exhibitions. Stay tuned for highlights from this incredible event!"

Read More at
www.krishnashot.co

Our Valuable Clients

TATA
SIEMENS energy
SANY
MTAR
BOMBARDIER
AMMANN
ADF ENGINEERING ISO 9001:2015 Certified
YIZUMI
DIFFUSION Innovative superconditioning solutions
Apollo CONCRETE SOLUTIONS
ROSTFREI STEELS STORAGE TANKS
Anup ENGINEERING
fives
UTKARSH Life demands. We deliver.
sudhir Powering the Nation
SCHWING Stetter
CPG CHANDERPUR GROUP
FLOVEL Advantage on your side
PARASON
valmont
VAG
HLE Glascoat
BRAITHWAITE & CO. LIMITED (A GOVT. OF INDIA UNDERTAKING) A MINIRATNA CATEGORY-1 COMPANY MINISTRY OF RAILWAYS
designco MANUFACTURER-EXPORTER
cello
Parker PLANT INDIA PVT. LIMITED
SYNERGIES CASTINGS LIMITED
KALPA-TARU POWER TRANSMISSION LIMITED
Steel Strips Wheels Limited
VANDANA
EBOOCTOR

Safety Equipments & Spare Parts


HOSE CONNECTOR


BLASTING HELMET


BLASTING NOZZLES


AIR FILTER


BLASTING HOSE


NOZZLE HOLDERS


BLASTING GUN


GUN BOOT


VIBRATOR


DEADMAN HANDEL


REMOTE RM100

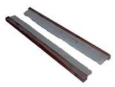

RUBBER HAND GLOVES


SOLENOID VALVES


MIXING TUBE


PLEATED BAG


ILLUMINATION


NYLON BRUSH

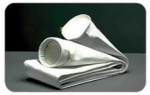

PINCH VALVE


MUSHROOM VALVE


CARTRIDGE FILTER


PVC HOSE


RUBBER O RING


DUST BAG


RUBBER SHEET


PAINT ARREST FILTER

AIRLESS CONSUMABLES WEAR & TEAR PARTS FOR STOCK


HEEL BLADE

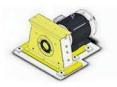

BLAST WHEEL


CONTROL CAGE


IMPELLER


MN TILE BOLT & NUT


LINER


WHEEL CASING


WHEEL HUB


MN TILE


DIABOLA


IDLER ROLLER


TRANSPARENT HOSE


SOUND ABRATOR VALVE


MN SLEEVE


BUCKET BELT WITH BUCKET

ISO 9001-2015

India's no.1
leading manufacturer of
shot blasting & Painting systems

A streamlined organizational structure along with a fully motivated team of "Krishna" make it possible to manufacture the blasting & painting systems with the same consistency of high quality at an economical price.

Pune Indore Delhi Hyderabad Jaipur Kolkata Chennai Ahmedabad

Customer care number :
1800-8897-233

Business inquiries mail :
info@krishnashot.com

Sales :
+91 8094000875, +91 9358839271
+91 8949535973, +91 9251631691

After Sales & Service :
+91 8824976105

Address :
Krishna Shot Blasting India Pvt. Ltd.
Plot No. 30-31,Sarita Vihar Nagar,
Near Tanawada Fanta,Main Salawas Road,
Jodhpur-342005,(Raj.)

Website :
www.krishnashot.com

Krishna Shot
Information