



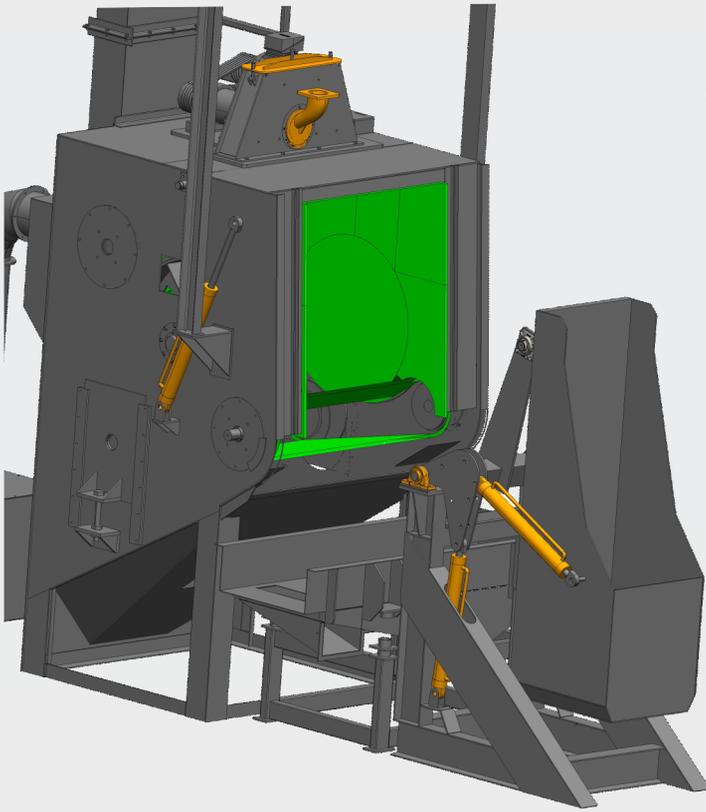
AIRLESS TUMBLAST

BLASTING MACHINE



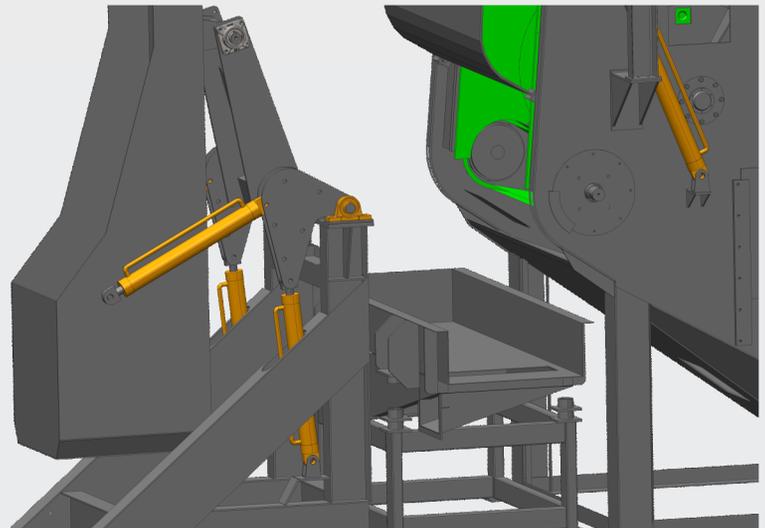
Blast Cabinet (Manganese Plate Lining)

Our blast cabinets are fabricated with 6 mm MS plates for robust construction, ensuring long-lasting durability and strength. The internal surfaces are lined with 6 mm thick manganese steel (11-14%), providing superior wear resistance and protection against the continuous impact of abrasive media. For added durability, the direct blasting zone is reinforced with an additional 8 mm layer of manganese steel. This design significantly reduces maintenance costs and extends the lifespan of the machine, ensuring consistent performance even in heavy-duty applications. The cabinet is designed for easy access and maintenance, with strategically placed openings for efficient cleaning and part replacement. Prioritizing operator safety, our blast cabinets minimize exposure to dust and abrasive particles, making them ideal for various industrial applications.

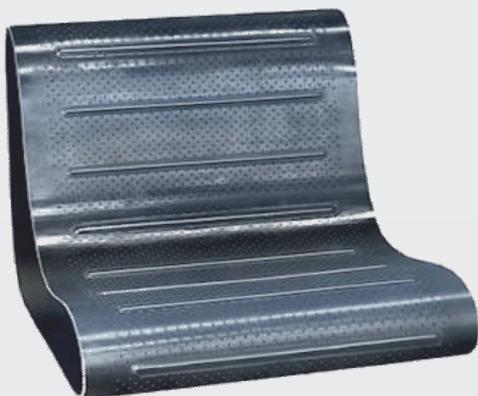


AUTOMATIC LOADER

A hydraulic loader will be provided with a maximum load capacity specified for each batch. Jobs to be blasted can be manually loaded onto the loader. The loader will then operate to place the jobs into the tumblast for blasting. Constructed with durability in mind, the loader is designed to handle the prescribed load with ease. It features safety interlocks with the machine, ensuring that the loader operates only when the cabinet door is open.



RUBBER BELT



Endless rubber belt is designed to ensure smooth and uniform tumbling of components inside the blast chamber. Driven by a geared motor with sufficient capacity, it provides reliable performance for continuous operation. The belt's flexibility guarantees consistent exposure of each part to the blasting zone, ensuring thorough cleaning of all surfaces. Made from high-quality, wear-resistant rubber, it is built to withstand the continuous impact of abrasive media while maintaining durability. The perforated design allows abrasive media to pass through the belt, enabling efficient recycling of materials. With a sufficient weight-carrying capacity to meet the specific machine requirements, the belt minimizes material buildup and reduces maintenance efforts. This design enhances overall blasting efficiency, improving throughput, and reducing operational costs and downtime for optimized performance.



Airless Tumbblast Shot Blasting Machine

GEC introduces an advanced and improved Tumbblast type Shot Blasting Machine. With the latest technology, this machine offers enhanced quality and performance. It features a powerful Blast Wheel station, enabling efficient shot propulsion and reducing maintenance requirements. The Blast Wheel assembly includes alloy steel hard blades, ensuring durability. The work cabinet is fully lined with Manganese steel tiles, while the pneumatic cylinder allows automated opening and closing of the cabinet door. An automated shot replenishment device ensures continuous supply of abrasive. The machine incorporates an effective air dynamic separation system for constant cleaning of the abrasive. A vertical control panel can be customized according to customer needs. The main cabinet connects to a dust collection unit for suction power and can be automated with a program logic controller (PLC). The machine utilizes round, cast, or cylindrical shots for optimal surface coverage and scale removal.



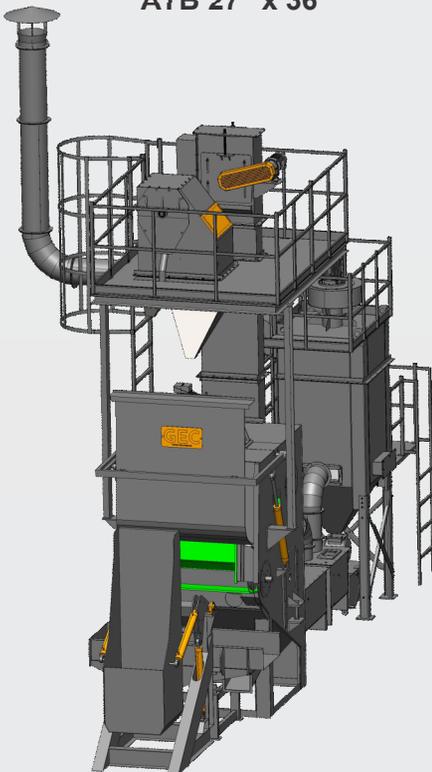
ATB 27" x 36"



ATB 20" x 27"



ATB 36" x 42"



Features:

- Principle of simple tumbling mechanical process
- Compact Design
- Sturdy & robust construction
- Wide range of applications
- High quality surface cleaning
- Direct exposure to complete external area of surfaces
- Pit less
- Industrial clean environmental dust collector

Benefits :

- Flexible varieties of small & large sized castings reliable cleaning
- Economical & reliable blast cleaning
- Low operational & maintenance cost
- Adoptability of any kind of loading method for work pieces
- Simple & quick installation on ready foundation
- Pre wired for immediate electrical supply
- Batch quantity production through direct loading without any fixture





- 1. Blasting Cabinet
- 2. Tumble conveyor Belt
- 3. Bucket elevator
- 4. Rotary Screen
- 5. Turbine
- 6. Hydraulic Door
- 7. Vibration Table for Unloading
- 8. Automatic Loader
- 9. Electric control

TECHNICAL SPECIFICATION

TYPE	TUMBLE CONVEYOR		LOADING WEIGHT Kgs.	LOADING VOLUME m ³	LOADING VOLUME CFT	BUCKET ELEVATOR (WITH COMBINED CASCADE SHIFTER/STORAGE BUNKER) F	TURBINE			
	A	B					Number	Dust Remval Performance		Electrical Connection Value Without Feeding Device CA.kW
							m ³ /h	ft ³ /m		
ATB 20"x27"	∅ 508	686	100 kg.	0.06	2 CFT	3970	1	2000	1200	9.31
ATB 27"x36"	∅ 686	915	300 kg.	0.14	5 CFT	4650	1	3400	2000	17.53
ATB 36"x42"	∅ 915	1068	500 kg.	0.28	10 CFT	6330	1	5100	3000	20.5

Note :- We also design & manufacture machine as per your requirement.

CONTACT US

 +91-8890960957

 www.gecblasting.com

 raju@gecblasting.com



SHOTBLASTING
An ISO 9001:2015 Certified Compy