



SHOT BLASTING
An ISO 9001:2015 Certified Company

AIRLESS Y HANGER HOOK TYPE SHOT BLASTING MACHINE

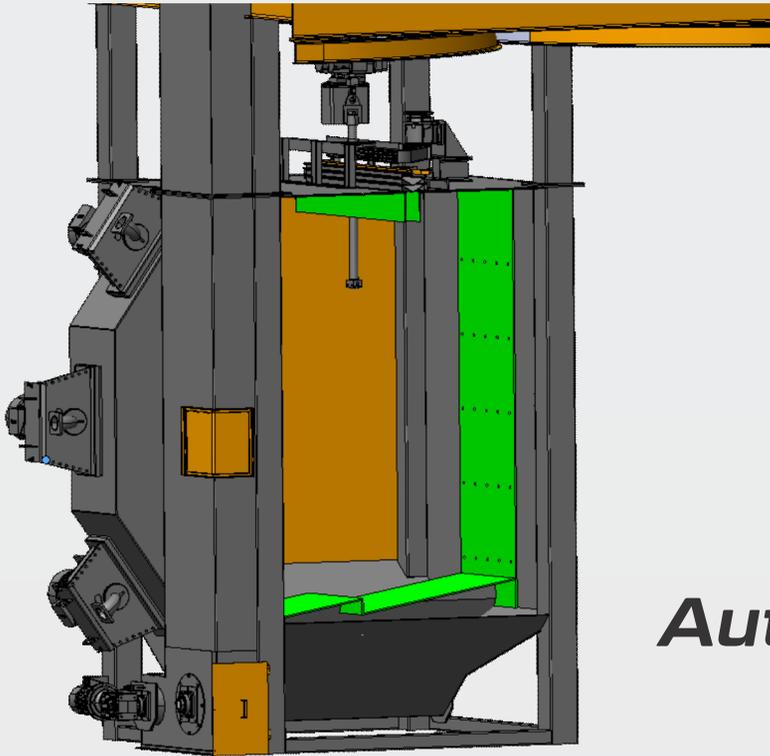


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Armor and interior of machine in manganese



Manganese steel, also known as Hadfield steel, is a highly durable alloy primarily composed of 11-14% manganese and carbon (around 1.0-1.4%), with small amounts of other elements like silicon and phosphorus. It is well known for its high impact resistance, toughness, and work-hardening properties, making it an excellent material for armor and machine interiors.

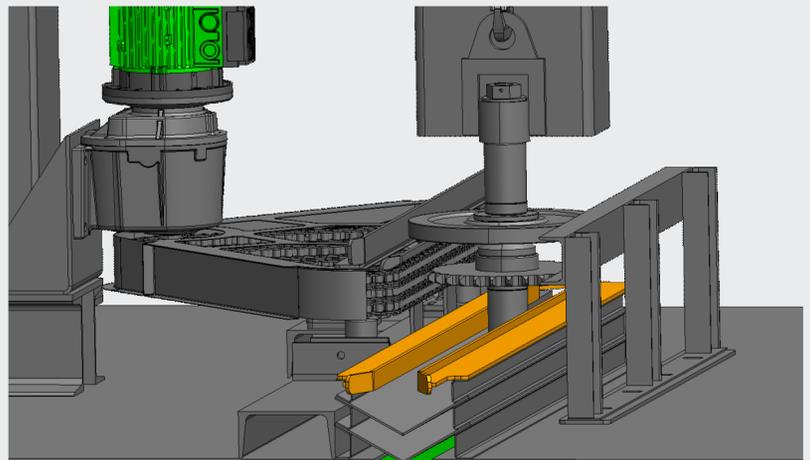
Automatic drag system with piece rotation mechanism

The dragging system of the piece-holder frames uses a set of sensors and components that help the operator to reduce efforts and fatigue and to insert the piece-holder frames in safety.

The operation is very simple, the "hunch" is positioned at the entrance of the door, a proximity switch will read the presence of

the bunch and will enable the button on the touch screen to proceed with the start of the cycle. Once the button has been clicked, a chain will begin to rotate, carving the burich with it and positioning it inside the shot blasting machine.

Throughout the shot blasting process, the software will activate the chain during the mid-cycle, moving the cluster by 15/20 cm, in order to change the incidence of the shot with the turbines, thus improving the quality of the shot blasting.



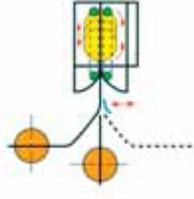
Construction Examples Of Monorail Guides

[1]



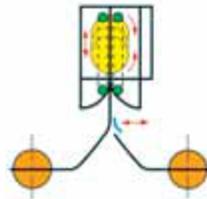
Overhead monorail with straight rail

[2]



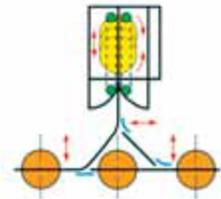
Overhead monorail one-sided with 1 switch (right or left)

[3]



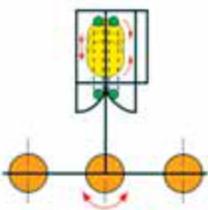
Overhead monorail with 1 switch

[4]



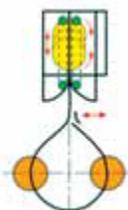
Overhead Monorail with 3 switches

[5]



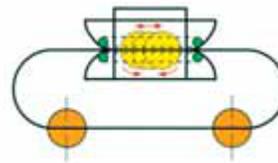
Overhead monorail with turn-switch

[6]



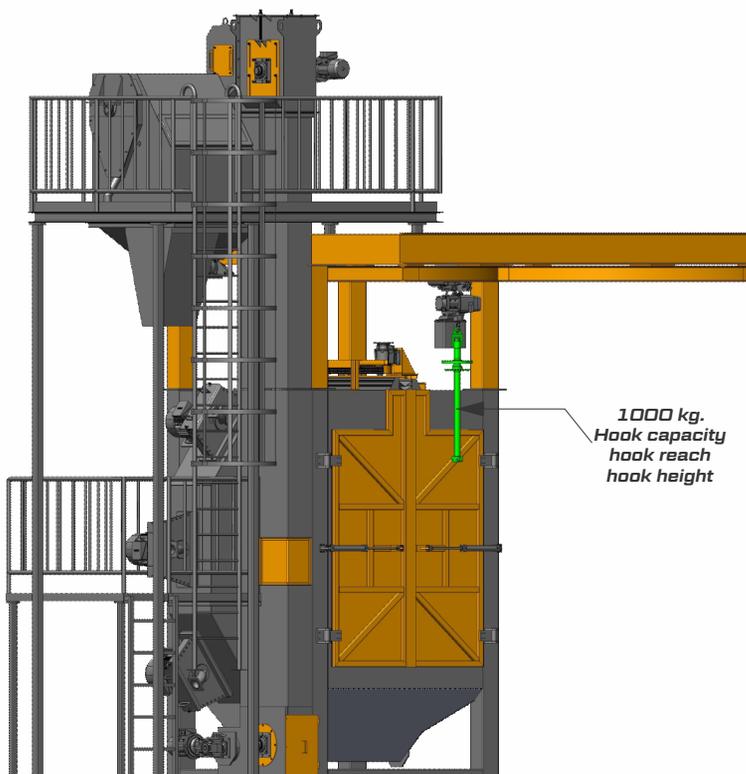
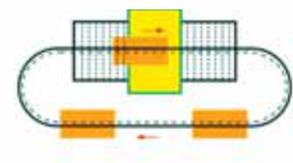
Overhead monorail circle with 1 switch

[7]



Hand operated oval circle overhead monorail alt. with power and free conveyor alt. with power and free

[8]



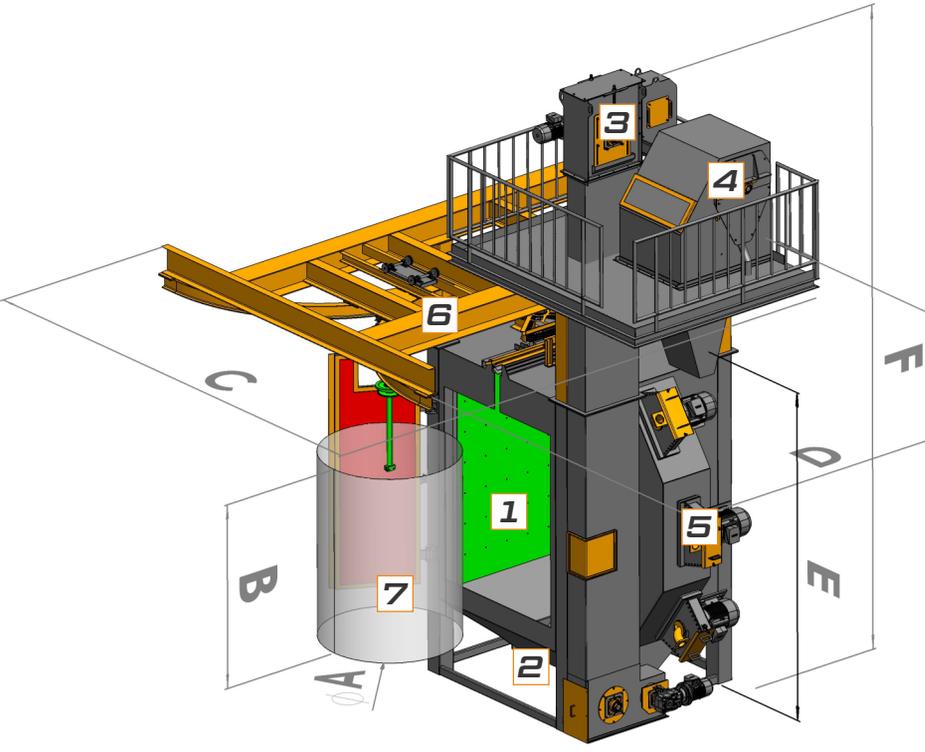
Technical information

CAPACITY HOOK: The capacity for each single hook is 500 kg, the dimensions allowed for processing are 1000 mm in width and 1500 mm in height.

ACCESSORIES: The shot blasting machine is equipped with an automatic self-cleaning filter.

INVERTER: The shot blasting machine can be equipped with "Inverters" electronic devices that regulate the rotation speed of the turbines.





- 1. Blasting cabinet
- 2. Longitudinal screw conveyor
- 3. Bucket Elevator
- 4. Rotary screen ducting
- 5. Turbine
- 6. Overhead Monorail
- 7. Transport hanger

TECHNICAL SPECIFICATION

TYPE	TURBINE NUMBER	COMPONENT DIMENSION WORK PIECE DIMENSIONS DEPENDING ON THE WORK PIECE GEOMETRY UP TO		DIMENSION OF BLASTING CHAMBER			BUCKET ELEVATOR
		A	B	WIDTH C	LENGTH D	HEIGHT E	WITH AIR SEPERATOR F
GEC 01	2	Ø 1000	1200	1200	1900	1700	6500
GEC 02	3	Ø 1200	1600	1500	2100	2310	7000
GEC 03	4	Ø 1600	2200	2300	2500	3100	7500
GEC 04	4/5	Ø 2300	2300	2600	3200	3500	7700
GEC 05	4/5	Ø 2100	4500	2400	3000	5700	9700

Note :- Other sizes available on customization.

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