

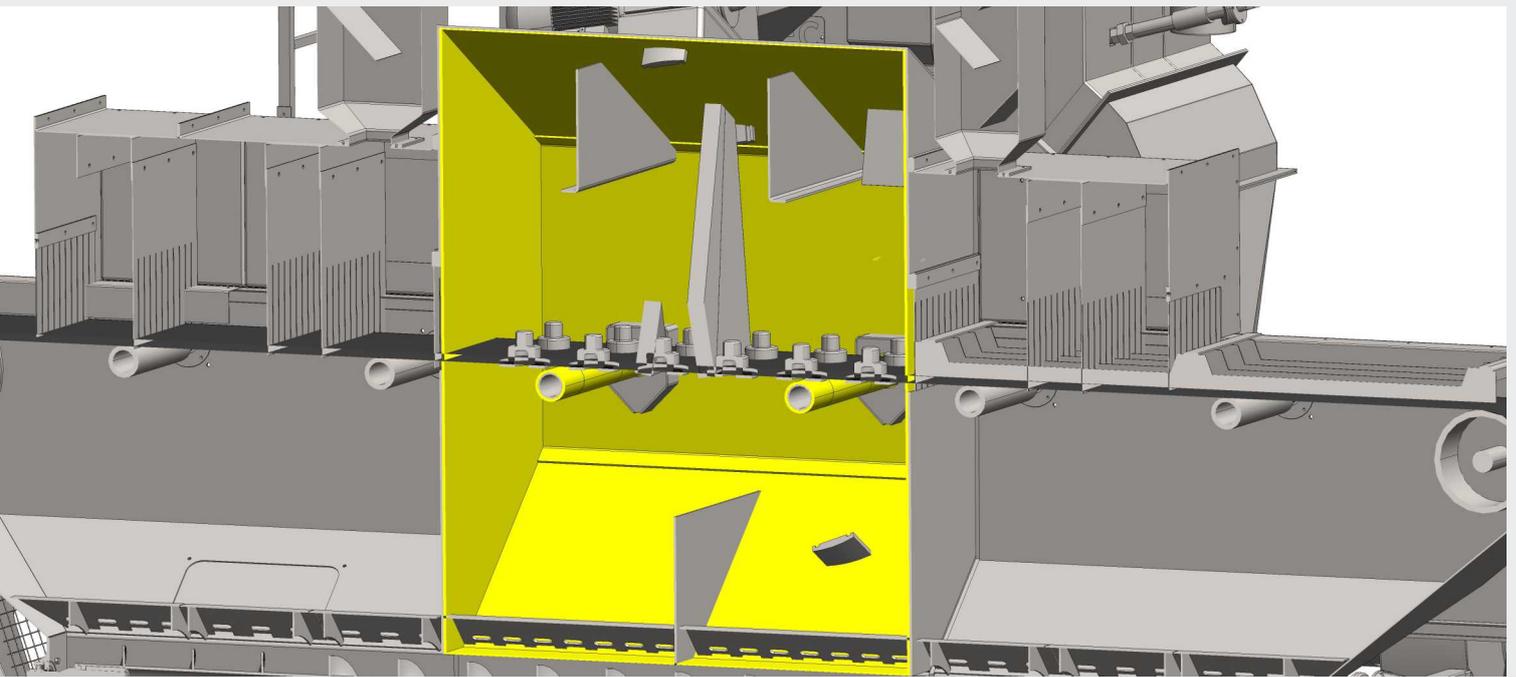


MANGANESE STEEL WIRE MESH BLASTING MACHINE



◆ Manganese Steel Conveyor & Interior Lining

Arc 1100° Wear Resistant Lining for Extended Service Life



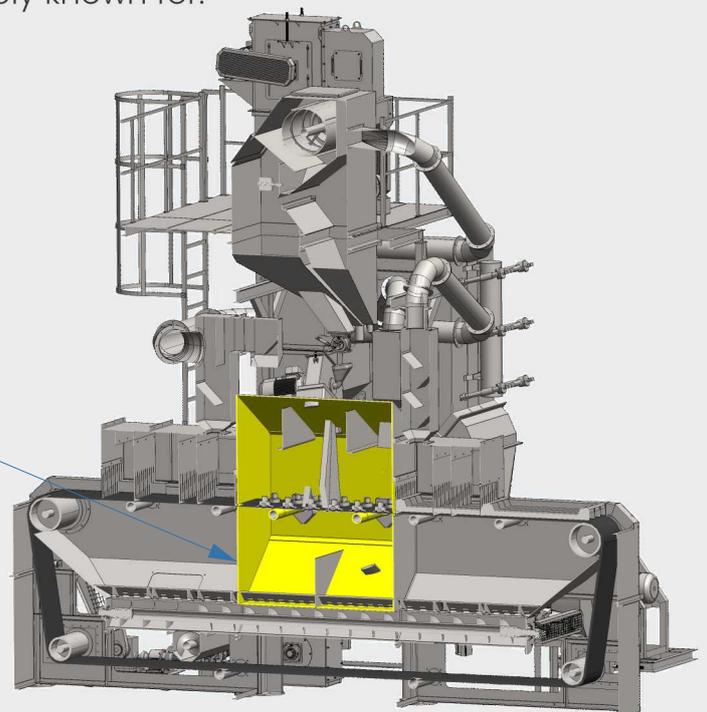
◆ Armour & Interior in Manganese Steel

Manganese steel (Hadfield Steel) is a highly durable alloy containing approximately 11–14% manganese with high carbon content. It is widely known for:

- ↪ Excellent wear resistance
- ↪ High impact strength
- ↪ Work-hardening properties
- ↪ Long service life in abrasive environments



Manganese Steel



The blasting chamber interior and conveyor mesh belt are manufactured from high-grade manganese steel to withstand continuous abrasive impact and ensure extended operational life.

◆ Rotary Screen Separator

The rotary screen separator efficiently removes oversized particles and impurities from abrasive media.

Benefits:

- Consistent abrasive quality
- Improved blasting efficiency
- Reduced maintenance
- Longer machine life



◆ DUST COLLECTOR SYSTEM

Dust-laden air generated during the blasting process is efficiently extracted from the blasting chamber through a high-capacity exhaust fan and directed into the dust collection unit. The system ensures continuous suction, maintaining clear visibility inside the chamber and preventing dust accumulation around the machine.

Features :

- Heavy-duty MS fabricated housing
- Cartridge / Bag type filter system
- Motorized shaker cleaning system (optional)
- Pressure monitoring manometer
- Automatic dust discharge system

The multi-stage filtration process separates fine dust particles from reusable abrasive media, ensuring clean air discharge and improved operational efficiency.



Workpieces :



Applications

- » Automotive components
- » Forged parts
- » Die-cast components
- » Fabricated steel parts

◆ MAIN COMPONENTS

- A – Wire Mesh Conveyor Belt
- B – Blast Wheels
- C – Bucket Elevator
- D – Rotary Screen Separator
- E – Screw Conveyor
- F – Dust Collector
- G – Electrical Panel



Before

After



TECHNICAL SPECIFICATION

TYPE	Maximum Job Height		Loading Height	Max. Load on Mesh (kg.)	Bucket Elevator (With Magnetic Separator)	Turbine
	HEIGHT B	WIDTH C	D	E	F (mm) HEIGHT	Number
WM-2W-1000	400	1000	800	800	4200	2
WM-2W-1200	450	1200	850	1000	4300	2
WM-4W-1500	500	1500	950	1500	4800	4
WM-4W-2000	600	2000	1100	2000	5200	4

Note :- Other sizes available on customization.

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SHOT BLASTING
An ISO 9001:2015 Certified Compy