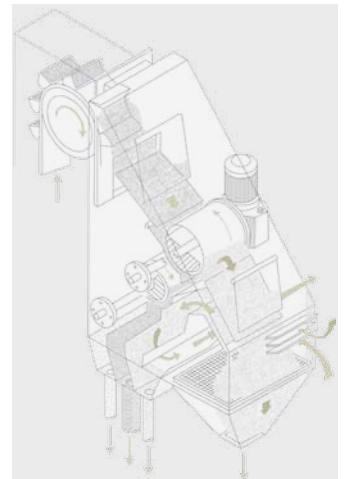

Magnetic Separator



Benefits of a Magnetic Separator

As part of our equipment modernisation offer, Wheelabrator Plus offers the Magnetic Separator to radically improve your equipment performance and operating costs.

For more information please contact:

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Benefits of a Magnetic Separator

Do any of the following symptoms appear familiar to you?

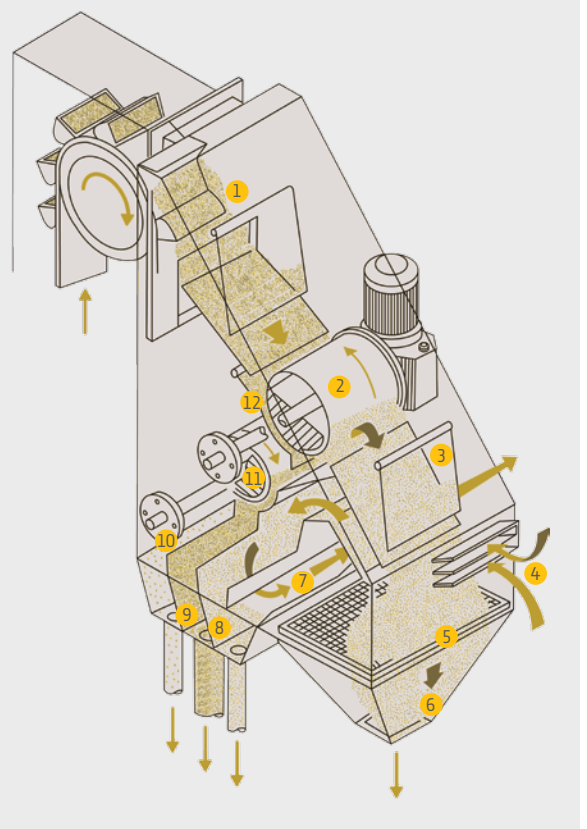
- Production bottlenecks?
- Lower than desired output?
- Short life of high wear parts?
- Expensive maintenance costs?
- Unacceptable levels of downtime of key equipment?

Incorporating a Wheelabrator Plus Magnetic Separator into your equipment will help solve all of the above unnecessary impacts on the profitable operation of your production process.

By introducing a Magnetic Separator as part of your equipment process, you will:

- Increase wheel parts life by up to 300%
- Increase your production capacity
- Reduce maintenance attendance time by up to 75%
- Reduce maintenance costs
- Reduce cycle blast time
- Increase your profits by ensuring maximum machine availability
- Use an environmentally responsible process
- Reduce power requirements

- 1 Damming flap
- 2 Permanent magnetic separation roller with adjustable magnetic field
- 3 Damming flap
- 4 Fresh air supply
- 5 Sieving box with wire screen
- 6 Cleaned abrasive supply to the turbine wheel
- 7 Suction of dust to the dust collector
- 8 Reservoir for separated undersized grains
- 9 Form and core sand
- 10 Residual abrasive
- 11 Permanent magnetic separation roller with adjustable magnetic field
- 12 Adjusting flap for layer thickness



Magnetic Separator Technical specifications

What is a Magnetic Separator?

The Magnetic Separator is designed to magnetically separate steel shot from sand or ferrous from non ferrous material even under extremely heavy sand loads. It is this contamination of the blast media which causes damage to, and excessive wear of your machine.

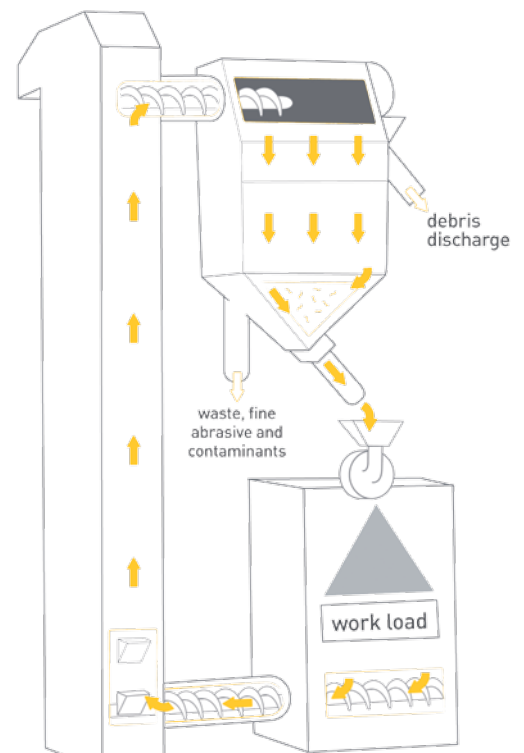
The Wheelabrator Plus Magnetic Separator is ideal for applications in the following industries:

- Automotive
- Pipeline
- Petroleum
- Steel Foundries
- Iron Foundries
- Non ferrous Foundries

Upgrade current equipment

Speak to us about your blasting process requirements and learn how Wheelabrator Plus can modernise your equipment by developing a tailor-made solution to meet your exact needs.

- Retro fitted to existing blast machines of all brands
- Easy installation onto existing equipment
- Can be introduced when ordering new machines



Type	Media flow rate	Separation capacity	Driving power	Suction capacity
MS 500	500 kg/min	50-60 kg/min	2 x 0,75 kW	1900 m ³ /h
MS 750	750 kg/min	70-80 kg/min	2 x 0,75 kW	2700 m ³ /h
MS 1000	1000 kg/min	100-110 kg/min	2 x 0,75 kW	3500 m ³ /h
MS 1250	1250 kg/min	120-130 kg/min	2 x 0,75 kW	4300 m ³ /h
MS 1500	1500 kg/min	150-200 kg/min	2 x 0,75 kW	4800 m ³ /h

About Wheelabrator & Wheelabrator Plus

As the world's leading surface preparation company, Wheelabrator offers a complete range of equipment, replacement parts, maintenance packages and sub contract services. With over 15,000 active customers in nearly 100 countries and an estimated 50,000 machines in the field, Wheelabrator continues to use the experience of having the largest installed base in the industry to deliver the best solution for our customers.

With five global technology centres and insight gained from thousands of different applications across an extensive variety of industries, Wheelabrator's technical experts develop customised solutions for a diverse range of applications.

Wheelabrator Plus offers the largest aftermarket parts, supply, service and technical support for the surface preparation industry globally, offering a one stop shop approach with a wide variety of solutions for our customers. From equipment inspections and upgrades to subcontracting vibratory finishing and shot peening services, our aim is to meet the needs of our customer and lower his cost per part.

With the capability of maintaining and upgrading surface preparation equipment from both Wheelabrator and most other brands within the industry, Wheelabrator Plus continually strives to contribute in helping you profitably meet or even exceed your customers' requirements.

Wheelabrator Plus offers equipment service and maintenance packages, which can be developed around your specific needs to ensure you have minimum downtime whilst achieving maximum productivity. We strive to deliver the highest quality of both replacement parts and service in the shortest timeframe at the most competitive prices.