



W Abrasives
your key success factor

As world leader in its market, W Abrasives provides unequalled expertise in products, services and technologies dedicated to cleaning. Desanding and descaling are major applications in which W Abrasives can offer considerable added value.

Markets

- ▶ Steel, cast iron and aluminium foundries
- ▶ Stainless steel production
- ▶ Forging
- ▶ Wire drawing





cleaning

and

Premium Series



HPG

This soft grit was developed specially for desanding in foundries and descaling in forges. Its elliptical shape in the operating mix provides greater efficiency than shot and ensures moderate abrasive consumption. As it wears, it produces a more stable operating mix, guaranteeing improved efficiency.



HYBRID SHOT

This unique steel grit was developed specially to address new demands on the market. By reducing machine wear it helps to reduce maintenance costs while at the same time achieving remarkable performance in terms of cleaning. It is specifically designed for desanding in foundries and descaling in forges and wire drawing plants.



STAINIUM

This abrasive comes in two shapes: 100% conditioned grit or a mixture of shot and grit. It was specially developed for descaling applications when little roughness is required at the end of the process. The low-hardness grit becomes elliptical during blasting, thus improving its efficiency and flow through the machine. Specially available in fine grades, it provides a more stable operating mix that ensures constant cleanliness and roughness levels. It is specifically designed for descaling stainless steel and black steel sheets, coils, wires and bars.

Special Series

STELUX

This stainless steel abrasive is used to clean cast and forged parts made of stainless steel or non-ferrous metals. Its shape and hardness make it an extremely efficient blasting medium. Stainless steel abrasive is a truly ecological alternative to other conventional solutions (garnet, aluminium oxide, acid pickling).



TI-GRIT

Ti-grit is a titanium-alloy cast iron grit. The addition of titanium gives it special resistance (microstructure similar to that of steel), a longer working life and higher productivity than cast iron and steel grits. Ti-grit is used almost exclusively for air blasting operations (surface preparation, descaling, removal of rust and old paint, desanding and finishing).



Standard Series

W GRIT

This range of grit includes a wide variety of sizes and two different hardness values. It improves cleaning performance in all desanding and descaling applications.



W SHOT

This range of shot, available in a wide variety of sizes, gives satisfaction to customers looking for an easy-to-use abrasive for desanding and descaling applications.



Services

CONSULTING

26 technical experts team up with our clients throughout the world all year round. Their mission is to offer customised advice as each client is unique:

- ▶ Assistance in choosing the most appropriate shot and blasting parameters
- ▶ Audit of blasting lines and proposal of improvements
- ▶ Analysis of overall blasting costs and proposal of action plans

TRAINING

Training courses on blasting techniques are customised for each client and organised in our Test Centers or on the clients' site, thus giving the opportunity to discover, extend and implement the advice that will be given to staff during training.

Training courses in our Test Centers:

- ▶ Wheel blasting
- ▶ Air blasting
- ▶ Shot Peening
- ▶ Practical courses in the workshop:
 - Machine expertise
 - Settings
 - Process validation

On site training courses:

- ▶ Customised training courses for workers / engineers / managers linked to their real working conditions
- ▶ Hands-on training on your machines

TESTING

With the W Abrasives technical assistance team, customers find an answer to their needs, for optimising their process or solving a problem encountered in the field. They can apply and test various solutions on their own components and validate the best one without disrupting their production line.

This "zero-risk" solution enables the customer to determine all the blasting parameters before setting them up on the production line.

CONSULTING
SERVICE



TRAINING
SERVICE



TESTING
SERVICE



WA CAM
TECHNOLOGY



WA COST
TECHNOLOGY



Technologies

WA CAM

This innovative technology allows quick, visual and precise identification of the real position of hot points generated by the turbines, but also visualisation of preferential wear zones on the machines.

WA COST

The WA COST technology was developed on the basis of more than ten years' experience in cost reduction in the field of blasting. This technology is used to determine and reduce blasting costs. A version has been developed specifically for surface preparation operations.



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OUR PACKS

This offer includes a Premium product, dedicated services and technologies to achieve your quality, cost and productivity targets.



W Abrasives
your key success factor



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