



**SPECIAL & AUTOMATIC BLASTING CABINETS • SURFACE  
TREATMENT • SPECIAL & AUTOMATIC BLASTING CABINETS**



**ABRASIVOS Y MAQUINARIA, S.A.**



**Abrasivos y Maquinaria, S.A.** is an engineering company specialised in the design and manufacturing of machinery for surface treatment using its own technology which comes from experience.

Since 1977 we manufacture in our Barcelona Workshop manual, automatic and special sandblasting cabinets to accommodate the specific needs of each customer.

Our **Technical Office** fully manages the design, development and quality control of all projects.

**We have got after-sales service with permanent stock of spare parts and blasting media**



ENGINEERING DEPARTMENT R+D



Construction under EC regulation  
**Made in Spain**

OWN MANUFACTURING





In our **workshop** we make tests on customer's pieces to determine the appropriate process and abrasive.

With a young, dynamic and qualified team we offer technical solutions for the preparation, cleaning and surface finishing.

The combination of these factors - technological and human - makes us an agile and modern company, ready to take on the important challenges ahead.





## Technology and Components

- Automatic drum.
- Automatic loading / unloading systems.
- Automatic self-cleaning dust collector.
- Cyclone particles separator.
- Grain separator sieves.
- Loading table and motorised plate.
- Movement of guns.
- Pass-through blasting machines.
- PLC and automations.
- Several working stations.
- Sound-proofing.
- Suction and pressure system.



Construction under EC regulation



SAND BLASTING



## Abrasive and media

- Aluminium silicate
- Ceramic beads
- Corn granulate
- Glass beads
- Plastic media
- Steel shot & grit
- White and brown fused alumina



The sandblasting process is accurate for finishing and texturing surfaces





## Technology and Components

- Automatic loading / unloading systems.
- Automatic Rinse.
- Grease separator.
- Loading table and motorized plate.
- Mixing cyclone separator.
- Movement of guns.
- PLC and automation.
- Pump drive.
- Several working stations
- Sound-proofing.



Construction under EC regulation



**Abrasivos y Maquinaria**  
led the introduction of  
wet blasting process in  
Spain

**WET BLASTING**





## Abrasive and media

- Aluminium silicate
- Ceramic beads
- Corn granulate
- Glass beads
- Plastic media
- White and brown fused alumina

The wet blasting process is especially designed for parts with grease and oils



## SECTORS / APPLICATIONS

- AERONAUTICAL AND AEROSPACE
- AUTOMOTIVE
- CUTTING TOOLS MANUFACTURING
- FORGING AND CASTING
- HEAT TREATMENT
- HOUSE-BUILDING INDUSTRY
- MACHINING AND LATHING
- MAINTENANCE
- MARBLE AND STONE
- MEDICAL AND SURGICAL
- METAL FABRICATION
- METALLURGIC
- MILITARY & DEFENSE
- MOULDS AND DIES
- NUCLEAR INDUSTRY
- PLASTIC INDUSTRY
- RAILWAY
- RUBBER INDUSTRY
- SHIPBUILDING
- STAMPING & PRESSING
- STEEL INDUSTRY
- TOOLING



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