



CERTIFICATED COMPANY ISO 9001 - nr. IT250008

**Design and Construction of shotblasting machines
and shotblasting plants**

BUILT TO LAST

The main feature of the BV shot blasting products is the long resistance and duration in time of the machines that are constructed with special steel abrasive to the great thickness Manganese (fundamental characteristic for a shot blasting plant), equipped with single-disc turbines technologically advanced (built with materials wear-resistant cast iron Ni-Hard), and mechanical and electrical components Heads first level.

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TUMBLE BELT SHOTBLASTING MACHINES

FOR THE TREATMENT OF PIECES IN BULK

Shot blasting Tumble Blast Unit series SB steel belt and GB rubber belt are suitable for high production batch-processing of a wide variety of components such as forgings, castings and stampings. Tumble blast range can be supplied with numerous option like automatically loading and unloading system.



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SHOTBLASTING MACHINES WITH ROTARY TABLE

IDEAL FOR MOLD, CAR RIMS, FORGED FITTINGS, BENDS

Rotary Table Shot blasting machine typ D are manufactured in different types with a simple and easy construction for the working operations. The pieces are loaded directly on the rotary table and rotated through the blast stream ensuring that the whole surface of the components are shot blasted. Ideally for moulds cleaning, wheels and forging pipes blasting.



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HOOK SHOT BLASTING MACHINES

AUTOMATIC MOVEMENT WITH MOTORIZED HOISTS

Hook Type Shot blasting machines typ H are built in varying models, where the components are hung individually or in batches dependant on size and are loaded into the machine on a trolley which slides on the overhead monorail conveyor. During the work cycle the hook is rotated ensuring a uniform blast effect. These models can be equipped with two or more hooks with option of automatic motorized hoist.



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SHOTBLASTING MACHINES FOR PIPES

The shot blasting machines for the treatment of the tubes are divided into two categories: Tunnel rotating conical rollers (diabolo) that allow the pass-rotation of the tube inside the tunnel: Full solution include: load roller conveyor, machine body and the discharge roller conveyor. The turbines are positioned on the high shot blasting tunnel area in appropriate number according to the travel speed (productivity required) and of the diameter of the tubes to be treated. You can achieve complete shot blasting tubes islands of loading and unloading stores to ensure the maximum automation and productivity.

Translating Shuttle blasting pipes with a fixed location: Full solution, completed with No. 2 tested-door fixed tube and shuttle translating on binary solution. This solution allows to leave the tube stationary in a fixed position and will be the shot blasting shuttle to fulfill the run for the entire length of the tube going to blasting it in every part. Translating shuttle is equipped by nr. 3 or nr. 4 turbines as a function of the diameter of the pipe to be treated. This solution is adoptable for limited production and when the available spaces are reduced. The overall dimensions of the tube longer corresponds approximately pack size of the entire sandblasting system.



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SHOT BLASTING TUNNELS WITH ROLLS CONVEYOR

SUITABLE FOR DESCALING, CLEANING AND MECHANICAL PICKLING

Tunnel Shot blasting plants typ Rollblast with rolls conveyor are suitable for descaling, cleaning and mechanical pickling of plates, sections and pipes, special steel structures, beams. These plants are designed and built as customer required in according with space and production demand.



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SHOTBLASTING TUNNELS WITH BELT CONVEYOR

IDEAL FOR THE SHOT BLASTING OF MEDIUM-LIGHT SPECIAL

These automatic tunnel units with Manganese steel belt conveyor typ Beltblast are designed for cleaning Aluminium casting and medium – light pieces. Their manufactures find also a good employes in shotblasting and sandblasting of stones as marmor stone.



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SHOTBLASTING TUNNELS WITH AIR CONVEYOR

IDEAL FOR THE TREATMENT OF PIECES HANGING

Tunnel Shot blasting plants with air conveyor typ Convblast are designed for blasting pieces suspended on the hooks of a continuously air conveyor or by a double motorized hoist. The machine has wheels on each side of the cabinet positioned at different angles of incidence allowing complicated shaped components to be processed in a single pass.



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SHOTBLASTING ROOMS

DIFFERENT CONFIGURATIONS DEPENDING ON THE REQUIREMENTS OF SPACE AND PRODUCTIVITY

Manually Shot blasting rooms typ Blastkammer are designed for manually blasting operation by one or more operators inside the room. The blasting room is equipped with light and filtering plant. The operator, equipped with all safety body and air mask, provide at the blasting operations by a special gun. The blasting room can be equipped with different solutions and options as costumer and production required.



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The high quality and the constant updating of know-how, have led BV SHOTBLASTING MACHINES to develop technologically advanced solutions coming to install their own equipment in major world markets by tapping multiple industry sectors, including: automotive, armaments, shipbuilding, railways, oil & gas, foundry, major structural works, mechanical precision.



GROUP BV: THE NETWORK AND TECHNICAL ASSISTANCE AND COMMERCIAL

BV GRANIGLIATRICI GROUP has an extensive sales network and technical assistance at European level and Extra-European thanks to 12 satellite companies (including two controlled by BV SRL) in constant contact with the head office in Legnano (MI) - ITALY that guarantee a worldwide sales coverage and an extensive network of after-sales service and spare parts sale "just in time".
Buying a shot blasting units BV is synonymous with warranty, safety, reliability and long life of the wear and components parts of the machine.

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