

SANDBLASTER



JX Abrasives

Complete Solutions for Surface Treatment

DX BLAST 

Supply A Better Solution For Surface Treatment

Expert In Metal abrasives & Shot Blasting Equipment
ISO9001 Certificate



CATALOGUE

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1.EQUIPMENT APPLICATION

Sandblaster offers efficient cleaning, ease of use, wide applicability, and environmental benefits, providing uniform surface treatment suitable for various materials and surfaces.

For the following applications:

- Removing rust, old paint, and oxidation layers from metal surfaces.
- Cleaning ship hulls and marine platforms for anti-corrosion coatings.
- Pre-treating automotive parts to improve coating adhesion.
- Cleaning and preparing concrete and stone surfaces for repair.
- Engraving and cleaning marble, granite, and other stones.
- Creating frosted effects on glass surfaces.
- Maintaining aircraft components by removing dirt and coatings.
- Treating machine parts by cleaning castings and welded parts.



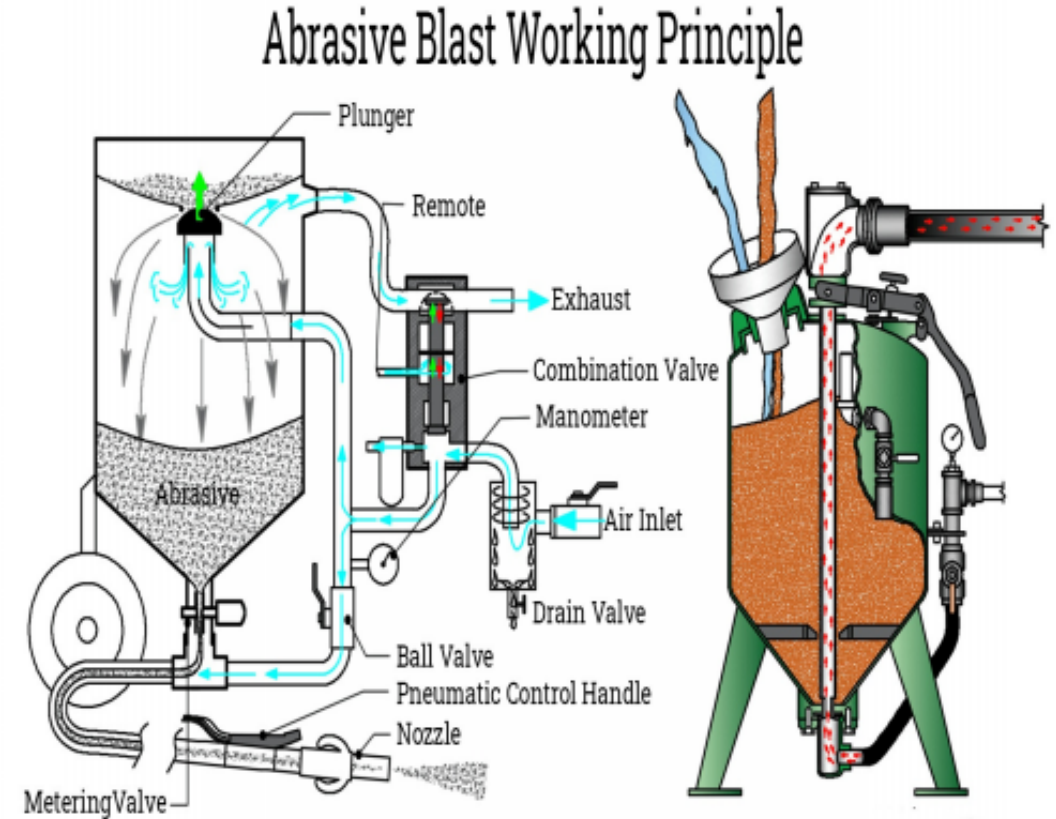
Fertilizer plants, cement plants, polishing and polishing industries, sandblasting industries and other industries that produce dust. It can also be used in some workplaces such as sanding and splashing stones.

2.WORKING PRINCIPLE

Sandblaster uses high-pressure air to blast abrasives onto the surface of a workpiece to remove surface impurities or to perform surface treatment.

The working principle involves compressed air supply, abrasive addition and mixing, blasting, and recovery and filtration of abrasives and impurities. It is widely used for cleaning and polishing materials such as metal, glass, and stone.

The quality and efficiency of sandblaster mainly depend on the design of the equipment, the choice of abrasive and the control of operating parameters.



3. TECHNICAL PARAMETERS

DX420 Technical Specifications

Machine Dimensions: 1170 Height x 400 Diameter

Machine Configuration:

6 meters sand pipe + 1 set of protective clothing + dual inlet air blasting gun - 1 piece

Volume Capacity: 0.1 m³

Steel Plate Thickness: 6mm carbon steel

Applicable Scope:

Rust removal and renovation, stone carving, metal and non-metal surface treatment, etc.

Air Pressure Configuration Requirements:

11 kW or above air compressor

Working Pressure: 6-8 bar



DX520 Technical Specifications

Machine Dimensions: 1170 Height x 500 Diameter

Machine Configuration:

8 meters sand pipe + 1 set of protective clothing + dual inlet air blasting gun - 1 piece

Volume Capacity: 0.2 m³

Steel Plate Thickness: 6mm carbon steel

Applicable Scope:

Rust removal and renovation, stone carving, metal and non-metal surface treatment, etc.

Air Pressure Configuration Requirements:

15 kW or above air compressor

Working Pressure: 6-8 bar



DX620 Technical Specifications

Machine Dimensions:1380 Height x 600 Diameter

Machine Configuration:

10 meters sand pipe + 1 set of protective clothing + dual inlet air blasting gun - 1 piece

Volume Capacity:0.3 m³

Steel Plate Thickness:6mm carbon steel

Applicable Scope:

Rust removal and renovation, stone carving, metal and non-metal surface treatment, etc.

Air Pressure Configuration Requirements:

22 kW or above air compressor

Working Pressure:6-8 bar



Comparative Analysis

Automatic valve



- Boron carbide sandblasting nozzle
- Oil-water separator
- 6mm carbon steel
- Pressure gauge
- Internal gas flow device
- Automatic air control valve device
- Solid rubber wheels
- 10m air hose with switch
- Gun head switch device

Simple valve



- Boron carbide sandblasting nozzle
- Oil-water separator
- 6mm carbon steel
- Pressure gauge
- Internal gas deflector
- Simple sand adjustment device
- Solid rubber wheels

Comparative Analysis

DATA SHEET

Model	Diameter (mm)	Capacity (m ³)	Height (mm)	Sand Pipe Length (Standard)	Air Compressor Power
DX-420	400	0.1	1170	6m	7.5KW
DX-420	400	0.1	1170	6m	11KW
DX-520	500	0.2	1180	8m	15KW
DX-620	600	0.3	1380	10m	22KW
DX-720	700	0.4	1500	10m	22KW
DX-820	800	0.6	1600	10m	37KW
DX-920	900	1.0	2100	20m	37KW

Simple valve

Automatic valve



Comparative Analysis

BEFORE

AFTER

Remove the exterior paint



Rust removal and oxide layer removal



Renovation of machinery



DX BLAST sandblaster are renowned for their outstanding quality and reliability.

We use the highest quality materials and advanced manufacturing processes to ensure that every sandblasting tank is durable and highly efficient.

4.EQUIPMENT COMPOSITION

- Tank Body
- Feed Port
- Discharge Port
- Blasting Hose
- Nozzle
- Air Compression
- System
- Control Valves
- Safety Devices
- Agitation Device (optional)



机器结构示意图
Machine Structure diagram

Product details



Pneumatic big valve control the air pressure



Superior sandblasting nozzle has long working life



Accurate craftsmanship guarantees the machine safety



Solid sandblasting pipe with durable usage

How to use



The first

The first detail
Superior sandblasting
nozzle has long
working life



The third

The third detail
Accurate craftsmanship
guarantees the
machine safety



The second

The second detail
Superior sandblasting
nozzle has long
working life



The fourth

The fourth detail
Solid sandblasting
pipe with durable
usage

Spare parts

DX BLAST, we have 30 years of experience in the sandblasting industry, offering high-quality equipment and accessories.

Our products include nozzles, valves, moisture separators, and rubber wheels, all with strict quality control. We also provide expert technical support and after-sales service to ensure smooth operations.



5.PRODUCT QUALITY ASSURANCE

1. All steel plates and profiles required for the products are imported from famous brand manufacturers.
2. All steel plates, profiles or components of the equipment are sprayed with primer after rust removal.
3. All supporting standard parts are purchased from famous brand manufacturers as far as possible, such as bearings, motors, reducers and so on.
4. The key components of the blast machine factory load test run, the movement of the factory air test run.
5. Set up a special quality supervision group by the design and quality inspection personnel to supervise the implementation of the above steps to ensure product quality.
6. After the completion of equipment manufacturing, notify the user of the initial acceptance of the functional components, acceptance of qualified before leaving the factory.
7. The material of wear-resistant guard plate is alloy cast iron.
8. All bearings are sealed.
- 9、 All transmission parts are equipped with safety guards.
- 10、 Adopt bag or filters type dust collector to ensure dust emission.



6.AFTER-SALES SERVICE GUARANTEE

1. Product quality period of one year;
2. In the quality period, where the normal use of the electrical control and mechanical parts of the failure and damage to the parts, repair and replacement (except wearing parts);
3. After-sales service implementation of "24 hours" reply.

30+ years experiences since 1998

Serving 1200 customers

30+

1200

Mechanical life of at least 10 years

Sales to 30 countries at least

10+

30+

CERTIFICATE

COOPERATE WITH THE BRANDS

SIEMENS OMRON ABB SKF NSK

Schneider Electric

SUZUKI SUMITOMO RUBBER INDUSTRIES HITACHI OMRON