

SANDBLASTING CABINET



JX Abrasives

Complete Solutions for Surface Treatment

Expert In Metal abrasives & Shot Blasting Equipment

ISO9001 Certificate

DX BLAST



Supply A Better Solution For Surface Treatment



CATALOGUE

01 EQUIPMENT APPLICATION

02 WORKING PRINCIPLE

03 TECHNICAL PARAMETERS

04 EQUIPMENT COMPOSITION

05 PRODUCT QUALITY ASSURANCE MEASURES

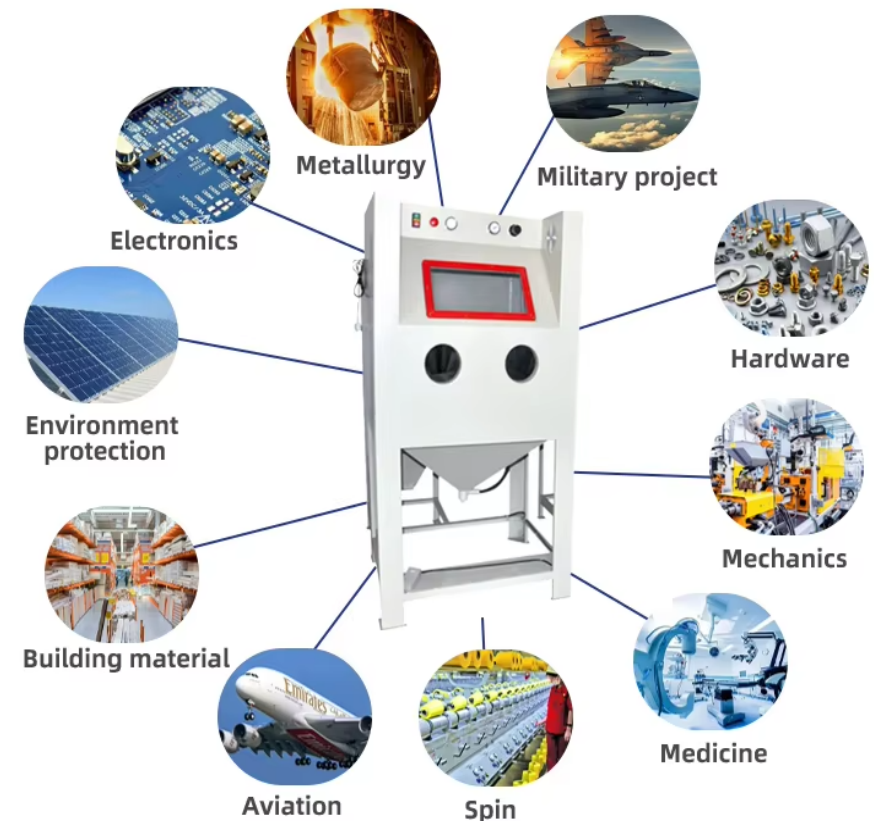
06 AFTER-SALES SERVICE GUARANTEE MEASURES

1.EQUIPMENT APPLICATION

The advantages of a sandblasting cabinet include efficient cleaning, as it quickly removes rust, dirt, and old coatings, saving time and labor. It provides precise treatment, suitable for complex shapes and small parts, ensuring uniform surface processing.

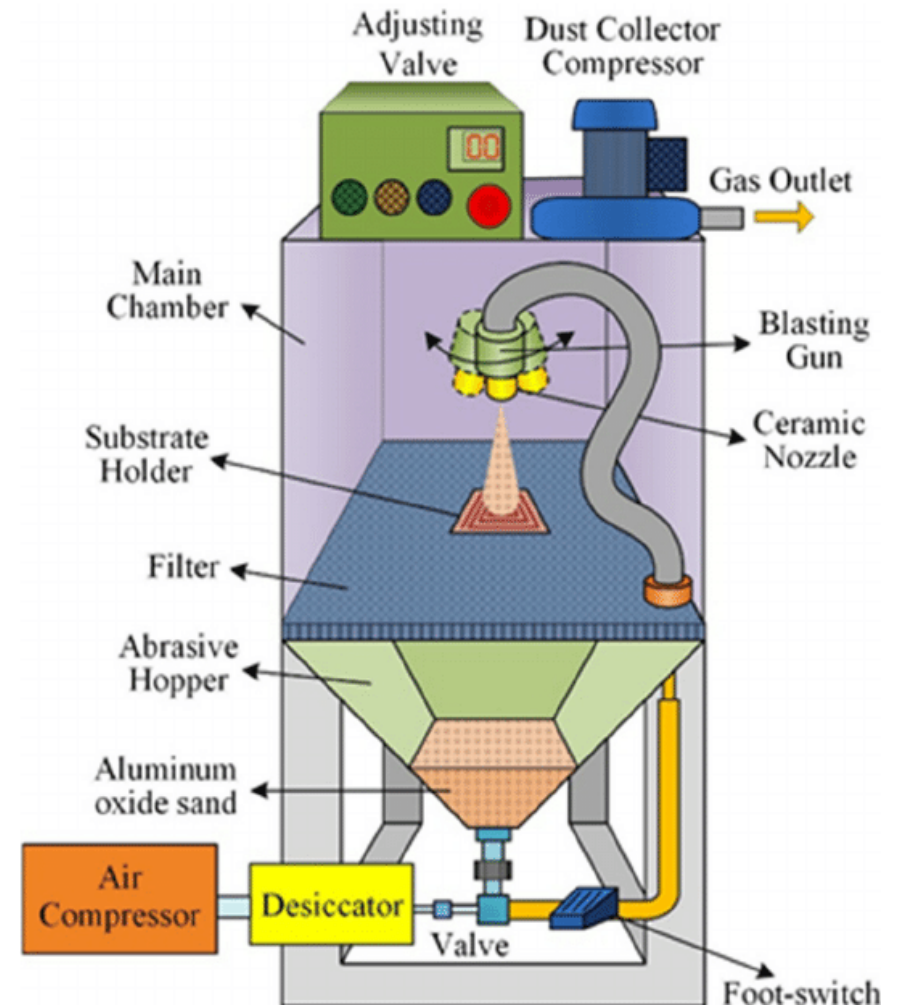
For the following applications:

- Removes oxide scale, rust, old coatings, and polishes metal surfaces.
- Cleans mold surfaces, extending lifespan.
- Engraves, polishes, and removes defects on glass and ceramic.
- Removes burrs and improves adhesion for plastic products.
- Cleans aerospace components and aircraft bodies, removes coatings.
- Cleans automotive parts, removes paint and rust.
- Cleans ship hulls and equipment, performs anticorrosion pretreatment.
- Removes rust, cleans, and beautifies stone and concrete surfaces.



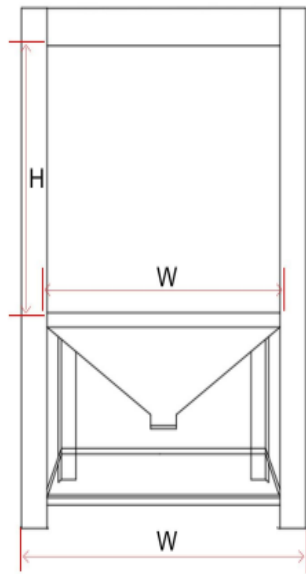
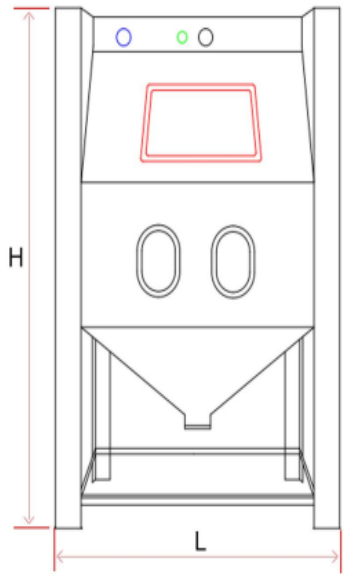
2.WORKING PRINCIPLE

- Abrasive Loading: Abrasive materials are loaded into the hopper.
- Compressed Air Supply: Compressed air, typically at 70-120 PSI, powers the system.
- Spray Gun Operation: The operator uses a spray gun inside the cabinet, manipulating it through glove ports.
- Surface Treatment: The high-speed abrasive cleans or polishes the workpiece.
- Abrasive Recovery: Used abrasives are collected for potential reuse.
- Dust Collection: A system captures dust and fine particles to maintain cleanliness and visibility.



3. TECHNICAL PARAMETERS

Dry-sandblasting cabinets



Model	Working Dimensions (mm)	Overall Dimensions (mm)	Opening Size (mm)	Loading Weight (kg)
DX-6050	600*500*550	600*900*1500	320*550	100
DX-9060	900*600*650	900*1000*1600	380*650	100
DX-9070	900*700*650	900*1100*1600	480*650	100
DX-9080	900*800*650	900*1200*1600	580*650	100
DX-9090	900*900*650	900*1300*1600	680*650	100
DX-100100	1000*1000*650	1000*1400*1600	780*650	120
DX-110110	1100*1100*650	1100*1500*1600	880*650	130



Turntable & Cart

Turntables and loading tracks with cart are available for efficiency improvements in loading heavy parts and blasting.

Remark:,-Cyclone, Turntable and cart are optional



Supply A Better Solution For Surface Treatment

Dry-sandblasting cabinets



DX-6050



DX-9060



DX-9060-R



DX-9060-4A



DX-1010



DX-1212



DX-1010-CT



DX-1212-CT

High pressure sandblasting machine

Technical parameters

● **Dimension size:**

1000*1550(including dust box)* 1900(L*W*H mm)

● **Working chamber size:**

900*800* 800(L *W*H mm)

● **Dust box size:**430*430*1600(L*W*H mm)

● **Dusting fan power:** 0.55kw

● **Dust removal method:** bag pulse dust

● **Lighting:** LED 18W lamp 1 pcs

● **Spray gun:** high-pressure spray gun-1pcs

● **Nozzle:** boron carbide nozzle-1pcs

● **Shell:** 2.0mm cold-rolled steel plate welded

● **Observation window:** 1230* 420(mm)

● **Pressure tank:**

diameter 350mm *high 450mm

● **Pressure gauge:** 2 pieces

● **Regulator:** 1 pcs,

● **Dust valve:** 1 pcs

● **Working door size:** 630mm * 630mm

● **Air pressure requirements:**

5 ~ 8bar (kg/ cm²)

must be greater than 2 cubic meters of air compressor supporting the use of

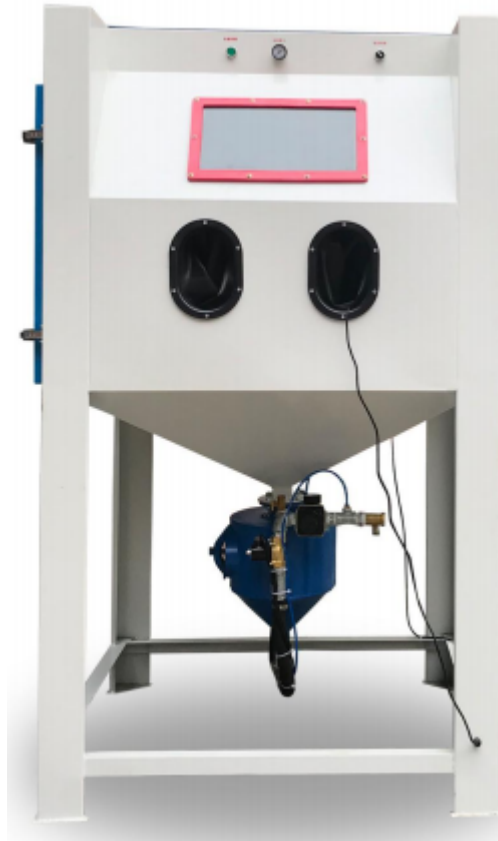
● **Observation window:** 1230* 420(mm)



Model	Working Dimensions L*W*H(mm)	Overall Dimensions L*W*H(mm)	Opening Size L*W*H(mm)	Loading weight (KGS)
DX-9080-H	900*800*650	900*1150*2000	850*750	100
DX-1010-H	1000*1000*900	1000*1550*2100	850*850	100
DX-1212-H	1200*1200*1000	1200*1200*2310	1000*1000	100



DX-9060-H



DX-1212-H



Features:

- The machine uses cyclone separation automatic recovery of sand material, suitable for 30# - 180# sand material used;
- Sandblasting efficiency, impact point deep, with instantaneous control system;
- Dust and sand separation, saving abrasive, environmental protection effect is good;

Scope of Application:

For small and medium-sized, small and medium-sized general parts and high hardness of the workpiece rapid blasting. Such as: **clean cast parts, heat treatment pieces, burrs, residues, you can light decorated its surface, pre-plating;** Especially for sprayed steel grit, glass sand: do not recommend the use of steelballs, grit and other large intensity of the sandblasting material

High Pressure Blasting Machine Working Principle:

This machine uses abrasive as the working medium with compressed air as the driving forces, abrasive and compressed air in the pressure tank pressurized, and after the acceleration of the sand valve the abrasive ejector to sandblasting gun to inject into the surface of the workpiece to achieve the desired purpose of blasting.

High-pressure cabinets



DX-1010-H

DX-1010-HTC



BY-1212-H



DX-1212-HTC



DX-1010H-2A

Wet Sand Blasting Machine

Advantages

- Dust free, deep cleaning without imbedded abrasive
- Combines steps; washing and blasting
- Warping reduced/ eliminated
- Closed loop filtration/ rinsing is standard on all systems
- Wide range of cosmetic finish options; matt to luster

Applications

This machine is suitable for sub photoelectric processing, light decoration processing, rubber and plastic mold cleaning. It is applied in sandblasting of various machines or spare parts: stainless steel products, aluminum products, gold and silver jewelry, crystal glass products, electrical parts, metal products, etc.



● This sand blasting machine adopts sand mixed with water for sandblasting, making more delicate surface, less abrasive consumption, whose gun can be fixed as well as hand operation, light and flexible, easy to operate.

● The dry sand blasting machine can be installed a sand-jet pump, designed and manufactured as the same type of wet sand blasting machine.

● This sand blasting machine can be automatic or semi-automatic based on customer's requirements.

Wet-sandblasting cabinets



DX-9080-W



DX-9070-W



DX-1515-W

Multi-stations cabinets



DX-2010-2A



DX-1030-CT

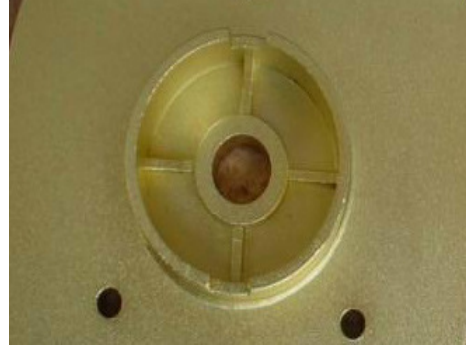


DX-3010-3A

Comparative Analysis

Remove the exterior paint

BEFORE



AFTER



Rust removal and oxide layer removal



Renovation of machinery



DX BLAST sandblasting cabinet are renowned for their outstanding quality and reliability. We use the highest quality materials and advanced manufacturing processes to ensure that every sandblasting cabinet is durable and highly efficient.

4.EQUIPMENT COMPOSITION

- Blast Chamber
- Spray Gun
- Compressed Air System
- Abrasive Supply System
- Dust Collection System
- Lighting System
- Viewing Window
- Glove Ports
- Turntable or Conveyor
- System
- Control Panel



Product details



Automatic timing dust removal



Widescreen glass panel



Oil-water separator



Cabin display plan



Door edge adhesive strip device



Pulsed dust removal fan

Spare parts

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

We can provide the following replacement parts for your sandblasting cabinet: spray guns, compressed air systems, abrasive supply systems, dust collection systems, durable gloves, internal lighting, viewing windows, rotating platforms or conveyors, control panels, and abrasive recovery systems.



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