Hebei Yufei Machinery Manufacturing Co., Ltd.

Professional shot blasting equipment manufacturer,
providing you with all-round technical support and services



Q37 Hanger/Hook Type Shot Blasting Machine

Name	Hanger/Hook Shot blasting machine						
Model number	Q376	Q378	Q3710	Q3720	Q3730	Q3740	Q3750
clean the dimensions of the parts	Φ1000mm H800mm	Φ1200mm H1000mm	Φ1400mm H1400mm	Φ1800mm H2000mm	Φ2200mm H2200mm	Φ2200mm H3000mm	Φ2500mm H4000mm
Initial addition amount	0.3	0.35	0.4	0.45	0.55	0.8	1.0
Blast wheel model	Q034zz	Q034zz	Q034zz	Q034zz	Q034zz	Q034zz	Q034zz
Dimensions of the shape	4429x2850 x4843	4560x2900 x5209	5047x3850 x6256	6844x4742 x7020	7910x5800 x7320	8150x5800 x8650	9950x6800 x9500



Q32 Tumble Belt Shot Blasting Machine

Name	Tumble belt shot blasting machine		
Model	Q326	Q3210	Q3215
Length of the shot blasting room（mm）	860	1100	1600
Diameter of the serving plate（mm）	Φ650	Φ1000	Φ1000
Working volume（m^3）	0.11	0.4	0.43
Dimensions of the shape	1300x2500x3850	2200x2500x4550	3500x3200x5250



Automatic Loading and Unloading Tumble Belt Shot Blasting Machine

It can achieve automatic parts feeding, automatic door opening and closing, automatic circulation, automatic flipping, automatic shot blasting cleaning and automatic discharging.

2. It adopts the popular foundation-free form, saving the construction cost of the foundation.

3. The layout of the shot blasting chamber and the blast wheel is determined after computer three-dimensional dynamic ejection simulation, ensuring that the coverage area of the thrown shot flow accurately covers the surface of the parts, and the shot is simultaneously thrown towards the surface of the parts from all directions



Q69 Steel Section Type Shot Blasting Machine

Model	Q698	Q6912	Q6915	Q6920	Q6925	Q6930	Q6940
Effective cleaning width(mm)	800	1200	1500	2000	2500	3000	4000
Length of cleaning workpiece(mm)	1000-1200	1000-1200	1000-1200	1000-1200	1000-1200	1000-1200	1000-1200
Roller conveyor speed(continuously variable m/min)	0.5-4	0.5-4	0.5-6	0.5-6	0.5-6	0.5-6	0.5-6
Clean the thickness of the steel plate(mm)	3-60	3-60	3-60	3-60	3-60	3-110	4.5-100
Shot blasting amount(kg/min)	4x120	4x250	6x250	8x250	8x250	12x250	16x250



Bent Pipe Type Shot Blasting Machine

The elbow pipe shot blasting machine is suitable for shot blasting cleaning of the outer wall of steel pipes to remove adhered sand, rust, oxide scale, dirt and other substances on the surface of the parts. With its powerful cleaning function, it can make the surface of the parts reveal its metallic color, eliminate internal stress of the parts, improve the fatigue resistance of the parts, achieve the purpose of improving the surface and internal quality of the parts, and ultimately enhance the corrosion resistance of mechanical products and metal profiles. Secondly, it can improve the fatigue resistance of steel, extend its service life, and optimize the surface process state of steel. To achieve the purpose of complete cleaning.



Shot Blasting and Oil Coating Production Line

This automatic shot blasting and oiling production line system for automotive Heat treatment parts, meticulously designed and manufactured by the technology and production departments of YuFei Intelligent, features numerous outstanding characteristics such as stability, high efficiency, energy conservation, environmental protection, and intelligence.

1.The three-dimensional multi-angle dynamic simulation design technology is adopted to ensure the high coverage rate and uniform roughness of the overall automatic shot blasting of the steel pipe frame.

2. The high-efficiency dust removal system ensures that the dust emissions from the system equipment pass the environmental impact assessment and exceed the assessment standards.



Q69 Type Roller Conveyor Shot Blasting Machine

1.Compact structure, high efficiency, good cleaning quality, safe and reliable operation, and smooth running.

2. The cleaning chamber is equipped with high-chromium steel guard plates, which are wear-resistant, impact-resistant and have high strength.

3. It adopts power roller shaft conveying and can pass through heavy and extra-long parts.



Q38、Q480 Type Catenary Shot Blasting Machine

Model	Q483	Q485	Q488
Single-hook lifting weight(kg)	300	500	800
Clean the dimensions of the parts	Φ1060x1200	Φ1200x1500	Φ1400x1800
Efficiency(Hook/h)	10-25	10-25	10-25



Steet Pipe Internal and External Shot Blasting Machine

This is a new type of cleaning equipment designed by our company for the treatment of the inner and outer walls of steel pipes of various sizes. It has an extremely strong processing capacity. Different shot blasting or sand blasting treatment equipment can be selected according to the different pipe diameters of the steel pipes. Among them, shot blasting cleaning is driven by a hydraulic motor, and sand blasting treatment is driven by a starter motor. Our company designs inner wall shot blasting machines with large pipe diameters and small steel pipe shot blasting machines with diameters of less than 600mm.



QWD Wire Mesh Belt Shot Blasting Machine

Model	QWD60	QWD80	QWD100	QWD120
Width of the mesh belt(mm)	600	800	1000	1000
Cleaning speed（m/min）	0.5-4	0.5-4	0.5-4	0.5-4
Shot blasting amount（kg/min）	4x120	4x120	4x180	4x180



Hanger/Hook Type Shot Blasting Machine

1.The international advanced cantilever centrifugal shot blasting machine with large shot blasting volume and high ejection speed is adopted, which significantly improves the cleaning rate and achieves satisfactory cleaning quality.

2.The simulation ejection diagram and all the drawings of the shot blasting machine are completely drawn by computer-aided design (CAD), as well as the selection and layout of the shot blasting machine.



Round Steel Type Shot Blasting Machine

The round steel shot blasting cleaning machine is suitable for shot blasting cleaning of the outer wall of steel pipes to remove adhered sand, rust, oxide scale, dirt and other substances on the surface of the parts. Therefore, the shot blasting machine for the outer wall of steel pipes, with its powerful cleaning function, can make the surface of the parts present the original metallic color, eliminate the internal stress of the parts, improve the fatigue resistance of the parts, achieve the purpose of improving the surface and internal quality of the parts, and ultimately improve the fatigue resistance of mechanical products and metal, extend their service life, and enhance the corrosion resistance of profiles. Secondly, the shot blasting machine for the outer wall of steel pipes can optimize the surface process state of steel and achieve the purpose of complete cleaning.



Rotary Table/Trolley Type Shot Blasting Machine

The trolley type shot blasting machine is mainly used for shot blasting treatment of medium-sized cast steel parts, forgings and welded parts. It is mainly used to remove adhered sand, rust, oxide scale, dirt and other impurities on the surface of the parts, making the surface of the parts present the metallic color, eliminating the internal pressure of the parts, improving the fatigue resistance of the parts, increasing the adhesion of the parts during painting, and ultimately achieving the purpose of improving the surface and internal quality of the parts.



Q58 Type Accumulation Catenary Shot Blasting Machine

Model	Q483	Q485	Q488
Single-hook lifting weight（kg）	300	500	800
Clean the dimensions of the parts	Φ1060x1200	Φ1200x1500	Φ1400x1800
Efficiency（Hook/h）	10-25	10-25	10-25



Wet Type Dust Collector

A wet dust collector is a device that mainly enables the dusty gas to come into close contact with the liquid. It uses the inertial collision between water droplets and particles or the thorough mixing of water and dust, as well as other effects, to capture particles, increase their size, or retain them in a fixed container, thereby achieving the separation of water and dust.



Cartridge Dust Collector

Model	LTC-8	LTC-16	LTC-12	LTC-24	LTC-36	LTC-48	LTC-16	LTC-32	LTC-48	LTC-64
Filter cartridge specification and size	Φ350x660									
Number of filter cartridges	8	16	12	24	36	48	16	32	48	64
Filtering area(m^2) Paper-based	184	368	276	552	828	1104	368	736	1104	1472
Filtering area(m^2) Polyester	75.2	150.4	112.8	225.6	338.4	451.2	150.4	300.8	451.2	601.6
Filtering wind speed	0.5-0.8m/min									



Bag Dust Collector

1.It adopts pulse jet cleaning technology, which features strong cleaning capacity, high dust removal efficiency, low emission concentration, low air leakage rate, low energy consumption, low steel consumption, small floor space, stable and reliable operation, and good economic benefits. It is applicable to flue gas dust removal in the metallurgy, building materials, machinery, chemical, power and light industry sectors.

2.The box body adopts an airtight design with excellent sealing performance. The inspection door is made of high-quality sealing materials. During the manufacturing process, it is checked for leaks with kerosene, resulting in a very low air leakage rate.

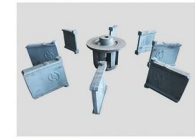
3.The inlet and outlet air ducts are compactly arranged, with low air flow resistance.

4.It adopts compartmentalized stop-air pulse jet cleaning, which has a long cleaning cycle and low consumption, and can multiply the service life of filter bags and valve plates.



Steel Shot and Steel Sand

Steel shot	Steel sand	Purpose
S780/SS2.5 S660/SS2.0	G10/SG2.5 G12/SG2.0	It is suitable for cleaning large castings, forgings, heat-treated parts, and various steel structural parts and other parts.
S550/SS1.7 S460/SS1.4	G16/SG1.4 G14/SG1.7	It is applicable to the cleaning of large and medium-sized castings, forgings, heat-treated parts, and various steel structural parts and other parts
S390/SS1.2 S330/SS1.0	G18/SG1.2 G25/SG1.0	It is suitable for cleaning small and medium-sized castings, forgings, heat-treated parts, and various steel structural parts and other parts.



Shot Blasting Machine Parts

As an important component of shot blasting machines, we have many manufacturing advantages. All kinds of components are made of high-quality wear-resistant products. For specific parameter information of each component, please contact us .



High-Efficiency Blast Wheel

1. High efficiency: With a special shot separation structure, the shot blasting efficiency can reach 16kg/min · kw

2. Quick blade installation and disassembly: As the blades of this shot blasting machine are inserted from the center of the impeller, they are fixed by the effect of centrifugal force during the rotation of the impeller, so no clamping tools are required. When disassembling the blades, simply tap the outer end of the blade and it can be easily removed from the center of the impeller. It only takes 5 to 10 minutes to disassemble 8 blades and the damage conditions of the shot separation wheel and the directional sleeve can be inspected simultaneously.

3. The holes for fixing the shaft and the directional sleeve on the cover are processed in one go: this ensures that the gap between the directional sleeve and the shot separation wheel is uniform and consistent. Not only does it reduce the wear of the shot by the shot distribution wheel on the shot and the phenomenon of the directional sleeve being squeezed and cracked, but it also greatly improves the shot blasting efficiency.