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Floor Shot Blasting Machine

Concrete surface shot blasting machine



Portable concrete road surface shot blasting machine is a relatively common and common shot blasting machine.

Portable concrete road surface shot blasting machine is a relatively common and common shot blasting machine.

Removes rust and paint

Airport Runway Shot Blast Machine for Asphalt

Removes tire rubber

Removes residue

Specializes in removing surface contamination

Improves skid resistance

Improves micro and macro textures

Model	RQPW270	RQPW350	RQPW550	RQPW850
Clean width	270mm	350mm	550mm	850mm
Loss of steel balls	100g/m ²	100g/m ²	100g/m ²	100g/m ²
Clean up efficiency	150m ² /h	250m ² /h	300m ² /h	500m ² /h
Power rating	11kw	15kw	11kw*2	15kw*2
Blast wheel diameter	200mm	200mm	200mm	200mm
Walking speed	0.5--25m/min	0.5--25m/min	0.5--25m/min	0.5--25m/min
Weight	338kg	450kg	580Kg	760Kg

Floor Shot Blaster



The floor shot blasting equipment for sale is the shot blasting machine that ejects the shot material (steel shot or sand) at a high speed and a certain angle onto the working surface through a mechanical method. The shot material fully impacts the working surface to achieve the rough surface and remove residues. At the same time, the negative pressure generated by the dust collector will clean the pellets and the cleaned impurity dust, etc. After the airflow, the intact pellets will be automatically recycled, and the impurities and dust will fall into the dust collection box.

Advantages of Floor Shot Blaster

A high degree of automation, can climb and walk, and the used shot materials can be recycled.

No pollution, this kind of movable type shot blasting machine is equipped with a dust collector, and the dust can be recovered for purification treatment.

Low energy consumption, will greatly reduce the loss cost for enterprises every year.

More convenient, walkable, reasonable, and compact design, small footprint, the floor shot blaster can be taken to the construction site at any time.

Low investment, the investment capital of the floor blasting equipment is one-tenth of the traditional investment.

High efficiency. For example, just 550 types, the floor blasting machine can clean 260 m² per hour, SA2.5 level or above.

Application of Floor Shot Blaster

Environmentally friendly floor blasting machine specially developed for various road construction and maintenance, can be dust-free, pollution-free, and the pellets can be automatically recycled during construction operations.

Our floor shot blaster for sale can be widely used for waterproofing and roughening of concrete bridge deck; cleaning and roughening of asphalt pavement to increase surface roughness; restoration of anti-skid performance of pavement, tunnel, and bridge; clearing of asphalt pavement; cleaning of marking line; Anti-corrosion coating treatment; airport road glue and line removal.

Working Principle of Floor Shot Blaster

The Floor blasting machine also called a "movable type" shot blasting machine. It is the floor shot blasting machine that ejects the shot material (steel shot or sand) at a high speed and a certain angle onto the working surface through a mechanical method.

The shot material of the floor blasting equipment fully impacts the working surface to achieve the rough surface and remove residues.

At the same time, the negative pressure generated by the dust collector will clean the pellets and the cleaned impurity dust, etc. after the airflow, the intact pellets will be automatically recycled, and the impurities and dust will fall into the dust collection box.

Main Components of Floor Shot Blaster

Motor, soft starter, frequency converter, imported high-speed bearings, etc .;

Wear-resistant materials are used for the relevant parts of the floor sand blasting machine chamber to ensure the service life of the shot blasting chamber.

The wearing parts of the floor blaster such as Impeller heads and directional sleeves are precision cast with wear-resistant materials, and life is close to imported parts.

Equipped with steel shot collecting trolley, steel shot or granular steel can be recovered in one second. And this trolley doesn't need power consumption. (using magnet)

pavement Shot Blasting Machine Technology Data

NO	Name	pavement Shot Blasting Machine				
1	Model	BRTK270	BRTK350	BRTK550	BRTK850	BRTK1000
2	Machine dimension	L:1950mm	L:1950mm	L:1950mm	L:1950mm	L:1950mm
		W:450mm	W:550mm	W:720mm	W:1020mm	W:1170mm
		H:1200mm	H:1200mm	H:1200mm	H:1200mm	H:1200mm
3	Range	270mm	350mm	550mm	850mm	1000mm
4	Blast Wheel Power	11kw	15kw	2*11kw	2*15kw	2*18.5kw
5	Running Motor	0.75kw	0.75kw	1.1kw	1.5kw	2.2kw
6	Dust Collector Fan	4kw	4kw	4kw	7.5kw	7.5kw
7	Blast Wheel Diameter	200mm	200mm	200mm	200mm	200mm
8	Blow Fan	3Kw	3Kw	3Kw	4Kw	4Kw
9	Running Speed	0.5-20m/min	0.5-20m/min	0.5-20m/min	0.5-20m/min	0.5-20m/min
10	Dust Collector Pipe Dia.	120mm	120mm	150mm	200mm	200mm
11	Suggest Steel Shot	1.0-1.5mm	1.0-1.5mm	1.0-1.5mm	1.0-1.5mm	1.0-1.5mm
12	Steel Shot Consumption	100g/m ²	100g/m ²	100g/m ²	100g/m ²	100g/m ²
13	Dust Collector	DC-5	DC-5	DC-8	DC-11	DC-14
14	Machine weight	About 580kg	About 700kg	About 1100kg	About 1300kg	About 1600kg
15	Cleaning Efficiency	Concrete≥2.7m ² /min	Concrete≥3.5m ² /min	Concrete≥5.5m ² /min	Concrete≥8.5m ² /min	Concrete≥10m ² /min
		Steel Plate≥1.5m ² /min	Steel Plate≥1.8m ² /min	Steel Plate≥2.8m ² /min	Steel Plate≥4.3m ² /min	Steel Plate≥5m ² /min

Basic Standard:

1	Shot Blasting Machine : 1 Set
2	Dust Collector: 1 Set

3	Pipe :20m	
4	Wire:23m	
5	Flat Car:10 Sets	
6	Collect sand car:1 Set	
7	Impeller :1 Set	Impeller :2 Sets
8	Directional set: 1 Set	Directional set: 2 Sets

Steel Grit Vacuum Suction Machine



Vacuum Abrasive steel shot suction machine, vacuum suction sand machine is a machine for sandblasting room , is equipped with the cyclone dust collecting tube, dust content inside its inhalation tube first, then dust by dust drum filter, high purification efficiency, it USES single stage peripheral pump for pumping aerodynamic force, heavy suction a 4 kg weight can be iron rod suction tube, suction can take 50 meters long use effect is better.material will be recycled automatically, the impurities and dust will also fall into the dust collector.

Vacuum Abrasive steel shot suction machine:

Vacuum Abrasive steel shot suction machine, vacuum suction sand machine is a machine for sandblasting room equipment, is equipped with the cyclone dust collecting tube, dust content inside its inhalation tube first, then dust by dust drum filter, high purification efficiency, it USES single stage peripheral pump for pumping aerodynamic force, heavy suction a 4 kg weight can be iron rod suction tube, suction can take 50 meters long use effect is better.

It can not only absorb dust and particle smoke, fiber, and can also suck with water, oil dust.Vacuum shot suction machine, vacuum sand suction machine is shot blasting machine, sandblasting room supporting equipment, suitable for high altitude, roof truss, crane, ground, pit, pool, sewer, deep concave dead corner and equipment of dry dust, wet slag, sludge, oil, fiber cotton sand, dust removal.

Vacuum shot suction machine, vacuum sand suction machine is shot blasting machine, sandblasting room supporting equipment, can also be used for powder pneumatic conveying, scattered raw materials recovery and promotion, its lifting height, up to 15 meters, a wide range of uses, is industrial production, environmental protection both with advanced equipment.

Vacuum shot suction machine, vacuum sand suction machine is shot blasting machine, sandblasting room supporting equipment is mainly used for:

- (1) the cleaning of floating sand in the mold cavity of casting sand.
- (2) iron chip cleaning after machining cast iron.
- (3) after shot peening treatment, the cleaning of steel shot.
- (4) In the aluminum industry, recycling of aluminum oxide powder in electrolytic aluminum workshop and cleaning of carbon block and carbon bowl in carbon workshop.
- (5) refractories factory stone, quartz sand cleaning and recovery.

- (6) Cleaning the ground, equipment and electrical control cabinets of thermal power plants.
- (7) Cleaning and recycling materials in cement, chemical, rare earth and other industries.
- (8) cleaning and recycling of glue powder of powder dispensing machine in lining cloth factory.

Garage Roof Shot Blasting Machine



The mobile steel plate shot blasting machine is a machine that mechanically shoots the steel shot to the working surface at a high speed and a certain Angle, the abrasive material hit the surface of the road , make the surface of the road rough and remove the residue,At the same time, the negative pressure generated by the dust collector will collect the abrasive and the impurities after cleaning,After the airflow cleaning, the intact abrasive material will be recycled automatically, the impurities and dust will also fall into the dust collector.

Garage Roof Waterproof Shot Blasting Machine

Garage Roof Waterproof shot blasting machine blasting technical developed on the basis of mature technology and equipment.A complete set of smooth blasting equipment by shot blasting machine and accessory vacuum cleaner consists of two parts,two parts depending on the equipment of one form or another can be separated or together.

Application of Garage Roof Waterproof Shot Blasting Machine

- 1.Cleaning the rubber on airport runway.
- 2.Cleaning,derusting and depitching for the suirface of steel plate.
- 3.Maintenance of bridge surface.
- 4.Ground floor project-based surface treatment.
- 5.Maintenance of highways surface.
- 6.Maintenance of municipal road surface.
- 7.Maintenance and derusting of hull surface.
- 8.Removal of zebra crossing on asphalt road.

Technical Parameter:

model	BRTK-200	BRTK-250/270	BRTK-350/420	BRTK-550	BRTK-600
cleaning amplitude(mm)	200	250 /270	350/420	550	600
efficiency(m2/h)	>80	>180	>200	>400	>550
power(kw)	7.5	11	2*7.5	2*11	2*11
weight(kg)	154	325	350	560	650

Floor Surface Shot Blasting Machine



Floor Surface Shot Blasting Machine for Sale

Floor Surface Shot Blasting Machine for industrial plant and warehouse floors, parking garages, ship decks, highway or bridge work, airport runway.

Model	BRTK270mm	BRTK550mm	BRTK850mm
Range	270mm	550mm	850mm
Blast Wheel Power	11kw	2*11kw	2*15kw
Running Motor	0.75kw	1.1kw	1.5kw
Dust Collector Fan	4kw	4kw	7.5kw
Blast Wheel Dia	200mm	200mm	200mm
Running Speed	0.5-20m/min	0.5-20m/min	0.5-20m/min
Suggest Steel Shot	1.0-1.5mm	1.0-1.5mm	1.0-1.5mm
Steel Shot Consumption	100g/m ²	100g/m ²	100g/m ²
Machine weight	About 600kg	About 1100kg	About 1300kg

Airport Runway Shot Blasting Machinery



The mobile steel plate shot blasting machine is a machine that mechanically shoots the steel shot to the working surface at a high speed and a certain Angle, the abrasive material hit the surface of the road , make the surface of the road rough and remove the residue,At the same time, the negative pressure generated by the dust collector will collect the abrasive and the impurities after cleaning,After the airflow cleaning, the intact abrasive material will be recycled automatically, the impurities and dust will also fall into the dust collector.

The Airport Runway Shot Blast Machine system works using a high performance airless, centrifugal blast wheel for propelling blast media at a high velocity in a controlled pattern and direction. Different surface profiles can be achieved by varying shot size, shot flow rates and machine travel speed. Shot blasting is a time saving process that strips, cleans and profiles simultaneously.

CE /ISO Approved 10inch road floor shot blasting machinery

Shot blasting machine applied in highway surface cleaning blasts the pills on the road surface at high speed and certain angle by the method of machinery , make pills impact the surface of the road and make the road surface roughness, reach the effect of removing residuum,at the same time,dust collector will produce negative pressure to make pills and impurities and dust dust recovery after air cleaning, intact pills will automatically be recycled to used, and impurities and dust will drop into the dust collecting box.

Our shot blaster advantage

- 1.Our shot blasting machine sale quantity :about 70% of China market
- 2.We are the 12years experience manufacturer in making shot blasting machine in China
- 3.Our shot blasting machine with imported parts :
 - 1)Walking drive system from Mitsubishi brand, Japan.
 - 2)OMRON international brand Power protection device is imported from Japan.
 - 3)Rockwell's Soft Start System from the US.
 - 4)Power control system for equipment comes from the Schneider brand in France.
 - 5)WEG international famous brand motor as shot blasting motor imported
- 3.We have experienced technicians for production, installation, commissioning & after-sale service.
- 4.Our company has passed ISO 9001:2008 certification, and CE.

Technical Parameter:

model	BRTK-200	BRTK-250/270	BRTK-350/420	BRTK-550	BRTK-600
cleaning amplitude(mm)	200	250 /270	350/420	550	600
efficiency(m ² /h)	>80	>180	>200	>400	>550
power(kw)	7.5	11	2*7.5	2*11	2*11
weight(kg)	154	325	350	560	650

Movable Road Surface Shot Blasting Machine For Sale



Movable Road Surface Shot Blasting Machine for Sale

floor shot blasting machine for industrial plant and warehouse floors, parking garages, ship decks, highway or bridge work, airport runway.

Model	XSH-270	XSH-550	XSH-850
Abrasive flow rate(mm)	270	550	850
cleaning efficiency(m ² /h)	>180	>400	>600
Motor power(kw)	11	2*11	2*15
Weight(kg)	680	1000	1600

Mobile Floor Shot Blasting Equipment



Shot through mechanical method of the pill (steel shot or sand) at high speed and certain Angle to work on the surface of the trajectory, let the pill material impact work, in order to achieve surface shot of surface coarsening and remove residual effect

Shot through mechanical method of the pill (steel shot or sand) at high speed and certain Angle to work on the surface of the trajectory, let the pill material impact work, in order to achieve surface shot of surface coarsening and remove residual effect, meanwhile Will produce negative pressure

filter and cleaning of blasting dust recovery after airflow impurities, intact after cleaning materials will be recycled shot, and impurity and dust will fall into dust in the box

Model	BRTK270	BRTK350	BRTK550	BRTK850
Clean width	270mm	350mm	550mm	850mm
Loss of steel balls	100g/m ²	100g/m ²	100g/m ²	100g/m ²
Clean up efficiency	150m ² /h	250m ² /h	300m ² /h	500m ² /h
Power rating	11kw	15kw	11kw*2	15kw*2
Blast wheel diameter	200mm	200mm	200mm	200mm
Walking speed	0.5--25m/min	0.5--25m/min	0.5--25m/min	0.5--25m/min
Weight	338kg	450kg	580Kg	760Kg
Dimension	1940*380*1100mm	1950*575*1200	2030*870*1500mm	2030*870*1500mm

Vertical Movable Shot Blasting Machine



Application: machine is specifically designed for the continuous external surface treatment of pipes and cylindrical parts (bottles reservoirs, etc.).

Application: machine is specifically designed for the continuous external surface treatment of pipes and cylindrical parts (bottles reservoirs, etc.).

Typical employment: Coating with bituminous products oxide and calamine removal, preparation to painting of pipes and cylindrical parts, surface preparation to rubberizing.

Equipment: Frequency inverter for rolls conveyor, blast wheel, abrasive recycle system, digital control panel, optional customized automatic loading and offloading system. , dust collector.

Type	VT350	VT550
Working width(mm)	350	550
Wheel power(kw)	11	2*11
Surface adsorption	electromagnet	electromagnet
Appropriate dust collector	To include	To include

Oil Tank Shot Blasting Machine



Vertical mode of shot blasting machine is mainly suitable for tank cleaning maintenance, hull cleaning, and clean up the large oil tank and spherical shape object of inside and outside wall cleaning.

Vertical mode of shot blasting machine is mainly suitable for tank cleaning maintenance, hull cleaning, and clean up the large oil tank and spherical shape object of inside and outside wall cleaning.

Type	BRTK-350	BRTK-550
Working width(mm)	350	550
Wheel power(kw)	11	2*11
Surface adsorption	electromagnet	electromagnet
Appropriate dust collector	To include	To include

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