Manual Sand Blasting

0.27M3 single gun manual shot blaster

Blasting Pot Diameter	600mm
Equipment Height	1400mm
Blasting Pot Volume	0.27M3
Nozzle Diameter	6.5mm
Blasting Gun Quantity	1
Blasting Hose Length	18m
Blasting Area per	10~25m2/h
Surface Quality	Sa2.5-Sa3.0
Compressed Air Consumption	≥3m3
Compressed Air Pressure	0.6~0.8Mpa
Control Type	Manual Pneumatic Control
Character	Simple Structure, Low Failure Rate Low Cost, Movable and Less Consumption Parts

0.5M3 single pneumatic control shot blaster

Blasting Pot Diameter	750mm
Equipment Height	1700mm
Blasting Pot Volume	0.5M3
Nozzle Diameter	6.5mm
Blasting Gun Quantity	1
Blasting Hose Length	18m

Blasting Area per	15~35m2/h
Surface Quality	Sa2.5-Sa3.0
Compressed Air Consumption	≥3m3
Compressed Air Pressure	0.6~0.8Mpa
Control Type	Manual Pneumatic Control
Character	Simple Structure, Low Failure Rate Low Cost, Movable and Less Consumption Parts According to requirements, the operator can choose one or two blasting guns to do blasting machine

1M3 double gun Pneumatic control shot blaster

Blasting Pot Diameter	900mm
Total Height	1860mm
Blasting Pot Volume	1M3
Nozzle Diameter	10mm
Blasting Gun Quantity	2
Blasting Area per	15~35m2/h×2
Blasting Hose	2×32*2S*20m
Surface Quality After Blasting	Sa2.5-Sa3.0
Compressed Air Consumption	≥6.5 m3/min×2=13m3/min
Compressed Air Pressure	0.6~0.8Mpa
Control Type	Remote Control, Electric/Pneumatic Control
Character	Inspect the abrasive volume in sand blasting machine by top and bottom level indicator to command shots control valve feed abrasive into blasting pot. During this process flow, it does not need to stop the sand blasting machine and compressed air to achieve continuously working. Thus it improves at least 30% productivity.

Blasting Nozzle

The nozzle is made of Carbide Alloy (Tungsten). The diameter of nozzle which the customer will choose should

according to practical situation. It has characters of high efficiency, long life service and easy maintenance.

S/N	**Nozzle Diameter mm**	**Length mm**	**Air Consumption m3/min**	**Grits Consumption kg/h**	**Productivity m2/h**
1	Φ6.5	130	3.9	1150	15-35
2	Φ8	155	4.1	1300	15-35
3	Φ9	165	4.9	1450	18-40
4	Φ10	170	6.1	1600	18-40
5	Φ11	170	8.8	1720	18-40
6	Φ12	175	9	1910	18-40
7	Φ13	175	11	2010	25-45
8	Φ14	175	13.5	2150	25-45

Remark： The nozzle is divided into hard alloy, ceramics, boron carbide three kinds according to different material. The diameter of nozzle which the customer will choose should according to practical situation. It has characters of high efficiency, long life service and easy maintenance

2.1 Pneumatic PVR Pinch-Tube Valves (Abrasive Control Valve)

Pneumatic PVR Pinch-Tube Valve is the key part of sand blasting machine. Its service life, easy operation and maintenance have direct affection on use and efficiency of sand blasting machine.

2.3 Blasting Hose and Fast Joints

The blasting hose adopts 1/4" fabric reinforced hose which guarantees the shots/grits volume during blasting and service life of blasting hose. All joints adopt fast joints with safety pins which can be assembled easily and safely.

2.4 Protective Clothes, Helmet and Breath Filters

Because the working condition of blasting is very bad and dangerous, the operator must wear qualified breath protection device to guarantee safety of blasting and provide fresh air after filtering for operators. The breath protection device includes breath filtering system and protective helmet.

PPE (Personal Protective Equipment)

The air conditioning protective mask is special for operators in blasting booth. It adopts compressed ai r from outside
and filter. It can remove peculiar smell and oil containments and provide clean air for operators. The he lmet is made
of glass fiber reinforced plastics and light.

The air conditioning protective maks is comprised of air filters, temperature adjustment, dural helmet a nd clothes. The
air after filters will pass through temperature adjusting device (Temperature range 10~45C) and enter d ural helmet. It will
make the operator feel that he is in good temperature, fresh air. In addition of good vision of helmet, it will improve the
working conditions for operators.

2.5 Wireless Remote Controller

1 blasting button, 1 blasting stop button, 1 jet button, 1 jet stop button, 1 start button, 1 E-STOP button.

Water-proof and dust-proof class reach IP65

Working temperature: -35°C~+80°C

Remote control distance: 50~100m