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Drum Shot Blasting Machine

Drum Shot Blasting Machines



Q3110 drum type shot blasting machine is suitable for cleaning surface residual sand, oxide scale, rust and so on of castings and forgings below 15kg.

Applications

Desanding and decoring of castings.
Descaling of castings, forgings and heat treated parts.
Blast cleaning of small or medium size Iron, Steel.
Alloy and Non-Ferrous Casting.

drum shot blasting machine application

Q3110 drum type shot blasting machine is suitable for cleaning surface residual sand, oxide scale, rust and so on of castings and forgings below 15kg. And it has a separate dust collecting device, so the installation location is not limited by the workshop ventilation system, so the whole shot blasting unit is environmental friendly. It also has an automatic stopping device for easy operation.

Blasting Drum of Drum Shot Blasting Machine

As with all Bestech Drum Blast Machines the shot blasting cabinet liner is manufactured completely from high manganese. High manganese has a property which is hard enough to deal with the shot blasting from 35HRC to more than 60HRC. They are attached from the outside and are easy to replace. When aggressive shot is used, additional lining of high manganese, tool steel or cast material can be provided.

Bestech Abrasive dosing unit

The abrasive dosing unit is abrasive flow control mechanism, The unit's opening and closing angles can be controlled electrically or pneumatically. The abrasive flow rate is displayed on the ammeter of the electrical system. The unit adopts the German AGTOS abrasive dosing technology which use pneumatic controlling pull-type opening and closing technology.

Item	units	Q3110	Q3110A	Q3113	Q3113A
Drum diameter	mm	1000	1000	1300	1300
Loading capacity	kg	300	300	700	700
max.weight of single piece	kg	15	15	30	30
productivity	kg/h	600-1500	600-1500	2500-3500	2500-3500
power	kw	10	10	14.5	16

Inclined Drum Shot Blasting Machine



This tilting drum shot blasting machine is my company's latest research and development of one of the standard series of cleaning equipment.

This tilting drum shot blasting machine is my company's latest research and development of one of the standard series of cleaning equipment. This machine can be used to clean up easy flip drop artifacts and crashing of the brittle part and core is not deep casting, forging and welding parts, removing the sand on the surface of the workpiece and scale. The whole machine adopts PLC control, high degree of automation, can single machine work, also can use wiring.

model		QGT15
processing capacity	capacity	0.65 m3 each time
	total weight	1200 kg each time
	max weight of single work piece	40 kg
	max size of work piece	550 mm
shot blasting wheel	motor power	30 kw
	Steel shot projected quantity	480 kg/min
machine dimension	width	3745mm
	length	5415mm
	height	7103mm
	discharge height	1350mm

dust collector	Casting remove sand	75 m3/min
	descale	50 m3/min

Drum Type Shot Blasting Machine



The machine is suitable for surface rust removal of work pieces in medium or small quantity batch production with many varieties. Put the work pieces into the barrel and blasting it in side way.

Q31 Series Rolling Drum type shot blasting machine

The machine is suitable for surface rust removal of work pieces in medium or small quantity batch production with many varieties. Put the work pieces into the barrel and blasting it in side way. The high-speed impeller throws the abrasive to the continuous tumbling castings or forgings in barrel, to remove the green sand or scales on the surface. It cleans evenly and its productivity is high, so it is suitable for cleaning the small work pieces whose weight are under 15g in medium or small-scale casting or forging workshops.

Item	unit	Q3110	Q3113
Drum diameter	mm	1000	1300
Loading capacity	kg	300	600
Productivity	kg/h	600-1500	2500-3500
Power	kw	10	14.5
Maximum weight of single work piece	kg	15	30
Rotational speed of rolling drum	r/min	3	2.5
Abrasive flow rate	kg/min	120	160
Ventilation capacity	m3/h	800	2000
Dedusting efficiency	%	85	85

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