

Q3210 Tumblast Series

This type of machine is particularly suitable for shot blasting small parts loaded in bulk. Components that can be tumblasted are best suited for processing within this high performance machine series. optimum blasting results are achieved with a variety of parts types ranging from small sensitive plastic parts to large solid forgings. depending on the process requirements, our series can be equipped with rubbers or steel slatted belts. a special anti-abrasive rubber mat arranged as a cradle receives the articles to be treated and with its movement maintains them in a constant tumble.

Automation:

Our tumble belt batch shot blasting machine can be easily combined with automatic loading and unloading systems. allowing simple integration into automatic production lines at any time.

Manually loading Series

It is mainly used to clean, polish, and intensify pressed zinc or aluminum alloy casting, exact stainless steel casting, and ferrous metal casting in the industries of automobile, motorcycle, textile machinery, compressor machinery, and bearing.

Also this kind of tracked tumblast shot-blast machine is widely used to clean all kinds of machine parts (for example: large quantities of small parts in foundry, forging mill, pressing workshop, quenching workshop, structural parts workshop, firmware and chain mill).

The tracked tumblast shot-blast machine is with simple operation. Put the work-pieces into tracked rubber roller and close the shot-blast chamber door. Then set up shot-blast time and push the RUN button. Now, the shot-blast cleaning is beginning. The track belt circumrotates in the forward direction. The work-pieces can be equally and completely cleaned with equal emission of high-speed shots from the impeller of shot-blaster.

This machine are adopted the high-effective shot-blast implements , PLC controller or normal button controller, and bag dust filter. It is the most excellent equipment for cleaning, polishing, and intensify.

Features & benefits:

One (1) direct-drive, 8 bladed blast wheel assembly , T-frame, D-flange,

wheel drive motor.

No pit cabinet design,

Real access door provided unrestricted access to the mill, elevator belt, lower elevator pulley, reclaim screw and lower screens.

Manganese steel roof liners and barrel head seals with cast, long time barrel head liners and in-line liners.

Front idler roller equipped with fins designed to prevent abrasive from building up under mill belt.

screw conveyor returns abrasive and containments to the bucket elevator, the to the air wash separator.

Air wash separator with overflow to lower storage hopper.

Air cylinder operated butterfly valve for positive abrasive flow control.

Integral discharge plate deploys when loading door is opened to direct parts into unload system.

Electrical:

Primary power requirements: 380 volts, 50HZ, 3phase

Control panel equipped with push buttons and pilot lights, emergency stop button, and mainline disconnect.

Safety Features:

Timed operation between the abrasive control valve and the door

Limit switch on the loading and rear access door to prohibit the wheel from starting when the door is opened.

Safety Signs

Options:

Programmable logic controls (PLC)

Variable speed wheel motor

Pivot loader (mechanical and or hydraulic operation)

Dust collector can be plated bag with vibrating mechanism or hand shaking or pulse valve

Dust collector can be cartridge filter with pulse valve

Technical data					
series	model		Q326 Rubber belt	Q328 Rubber belt	Q3210 Rubber belt
1	productivity	T/h	0.6-1.2	1.2-20	1.5-2.5
2	First shot capability	kg	200	370	600
3	Max.component weight	kg	10	15	30
4	End plate diameter	mm	Φ650	Φ800	Φ1000
5	Max. batch volume	m	0.15	0.2	0.3
6	Shot blasting capability	kg/min	100	220	250
7	Air required for dust collector	m ³ /h	2200	2600	5000
8	Power	kw	12.6	17.6	24.3
9	Size of the machine	mm	3681×1650×5800	3900×1980 x 5856	3972×2600×4768