

## Auto Tumbblast Series

The type of tumble belt batch machines can be easily fitted with automatic loading system for a seamless integration into automatic production lines.

Technical features:

Simple loading by skip loader or conveyor belt

Automatic transport of the components via a vibratory conveyor chute

- \* perforated endless rubber belt with a high level of lateral stability.
- \* external direct drive belt drive assembly, gap control by means of highly wear resistant side covers in the area of the deflector roller.
- \* Improved tumble movement of the components due to longer belt formation.
- \* maintain –free, constantly lubricated bearings.

Automatic blasting media replenisher

- \*ensures constant blasting media operating mixture.
- \*level activated pneumatic valve that feeds media directly to the bucket elevator.

Airflow wash separator

- \*large separator width with blasting media flow regulation flap.
- \*separate air regulation valve

Bucket elevator

- \* compact, high wear-resistant bolted buckets.(efficient blasting media separation due to controlled feed rate)
- \*special endless belt fitted with no-wear connectors
- \*belt monitoring on the lower pulley
- \*spherical running surface on the pulleys (centering of the belt)

Central electric cabinet

- \*for controlling the individual system modules and functions

Loading and unloading – automatic

Batch processing on the assembly line requires automatic loading and unloading equipment that is designed to the respective size

of the shot blasting machine as well as the manufacturing process

Loading by means of a hydraulic skiploader,tailored to the customer's specific component containers,and discharged by a vibratory unload channel conveyor.

System charging via steel – belt conveyor: discharge by manual or via vibration chute.

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

**Q3210 Bubber belt**

productivity	T/h	2.0-3.0
First shot capacibility	kg	600
Max.component weight	kg	30
End plate diameter	mm	Φ1000
Max. batch volume	m	0.4
Shot blasting capacibility	kg/min	250
Air required for dust colector	m3/h	5000
Power	kw	32.6
Size of the machine	mm	3644x2926x5856