

Tumble Shot Blast Machine

The Sandstorm Tumble Machine is designed to process any type of product which can be tumbled, and is suited to a batching type of process.

Ideally suited to the foundry industry, Sandstorm Tumble Machine can be supplied with either rubber apron or steel slat type work mills, and automatic hydraulic loaders are also available, which allow the systems to operate in fully automatic mode if required.

One or more, roof mounted Sandstorm Speedlock blast wheels, provide excellent blast coverage, and extensive use of cast ni-hard wear plating in the blast zone ensures long life and maximum efficiency.



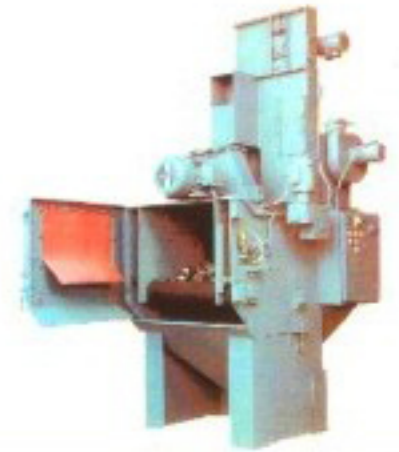
For applications with high sand loadings, such as foundry core knockout, double lip airwash separators are available, along with surge bins and by-pass systems, which continue to clean the abrasive even when the machine is in idle mode.

The Sandstorm Speedlock blast wheels are direct driven up to a to minimis maintenance requirements.

Vee belt drive systems are also available,

DESIGN FEATURES

- * Direct or belt driven Speedlock blast wheels
- * Rubber or steel slat work conveyors
- * Optional automatic loaders
- * Quiet operation
- * Requires no special pits or foundations
- * Can be used with any size and type of steel shot or grit
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- * Available with or without dust collection systems



APPLICATIONS :

- * Aesthetic Finishing of Die Castings of Aluminum, Zinc & Alloy Steels,
- * Desanding & Descaling of Castings & Forgings.
- * Cleaning of Castings & Forgings.
- * Cleaning of Castings & Forgings.
- * Removal of heat treated scales.
- * Removal of heat treated scales.



TECHNICAL SPECIFICATION FOR "SANDSTORM" AIRLESS SHOT BLASTING MACHINE TUMBLAST TYPE

Particulars		ATB. 20"X27"	ATB. 27"X36"	ATB. 36"X42"	
Tumbler (Basket) Size		20" x 27"	27" x 36"	36" x 42"	
Size of Wheel (Dia x width)		318mm x 63mm	393mm x 63mm	490mm x 63mm	
No. of Wheel		One	One	One	
Work Load Capacity					
	Max. Volume (Cubic Feet)	2	5	10	
	Max. Weight (Kgs.)	100	250	500	
	Max. Weight of Each Piece (Kgs.)	8	15	50	
H.P. of Blast Wheel		7.5	15	20	
Shots Flow Rate (Ton/Wheel/Hour)		6.5 Tons/Wheel/Hour	10 Tons/Wheel/Hour	12 Tons/Wheel/Hour	
Type of Dust Collector		Fabric Bag	Fabric Bag	Fabric Bag	
Dust Collector Capacity		1200 cfm	2000 cfm	3000 cfm	
Shaking of Bags		Mechanical	Mechanical	Mechanical	
Total Power Consumption		12.5 HP	24 HP	31.5 HP	
Dimension of Machine with Dust Collector		Length Width Height	3400 mm 1600 mm 4000 mm	5200 mm 3400 mm 5100 mm	5400 mm 4400 mm 6700 mm
Floor Space Required For Machine with Dust Collector :		Length Width	4200 mm 2000 mm	5500 mm 2500 mm	6700 mm 3000 mm

Note : Above specifications are approximate and are subject to change without notice.

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