

SFA-900 Rotating table type air-jet blaster



Management System
ISO 9001:2015
www.tuv.com
ID 9105014882



Application

For technologies requiring individual & automatic or semi automatic work piece sand-blasting.

Suitable in case of the most diverse work piece shape.

Description

The work pieces to be shot blasted shall be placed onto little individual rotating tables featuring special holders, designed for the diverse pieces. Placement can be carried out by means of hand operation or manipulator.

The little rotating devices (8-12 pcs) of the main rotating tray shall be turned into the blasting area.

Shot blasting in the blasting zone will be carried out by means of adequate number of nozzles, while the work piece is rotated by the little rotating devices. This way the entire work piece surface shall be treated.

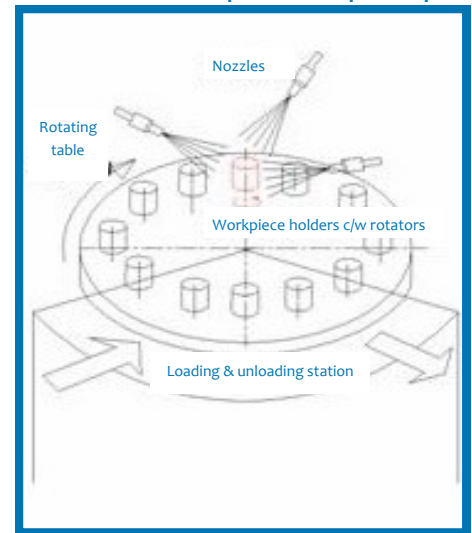
The blasting zone is separated from the environment by means of pneumatically operated sluices. Active abrasive particle shall not leave the blasting zone.

The practical blasting is resolved with ejector type system (vacuum abrasive sucking system), the blasting media shall be automatically recycled and regenerated.

The dusty air shall be aspirated by a separate aspirator-filter, an intermediate separator unit shall remove the reusable abrasive particles from the dusty air, to be filtered.

After blasting the products, they turn into the cleaning zone, where compressed air jet cleans off the remaining abrasive and settled dust. Finally the parts shall be removed by hand operation—or by manipulator.

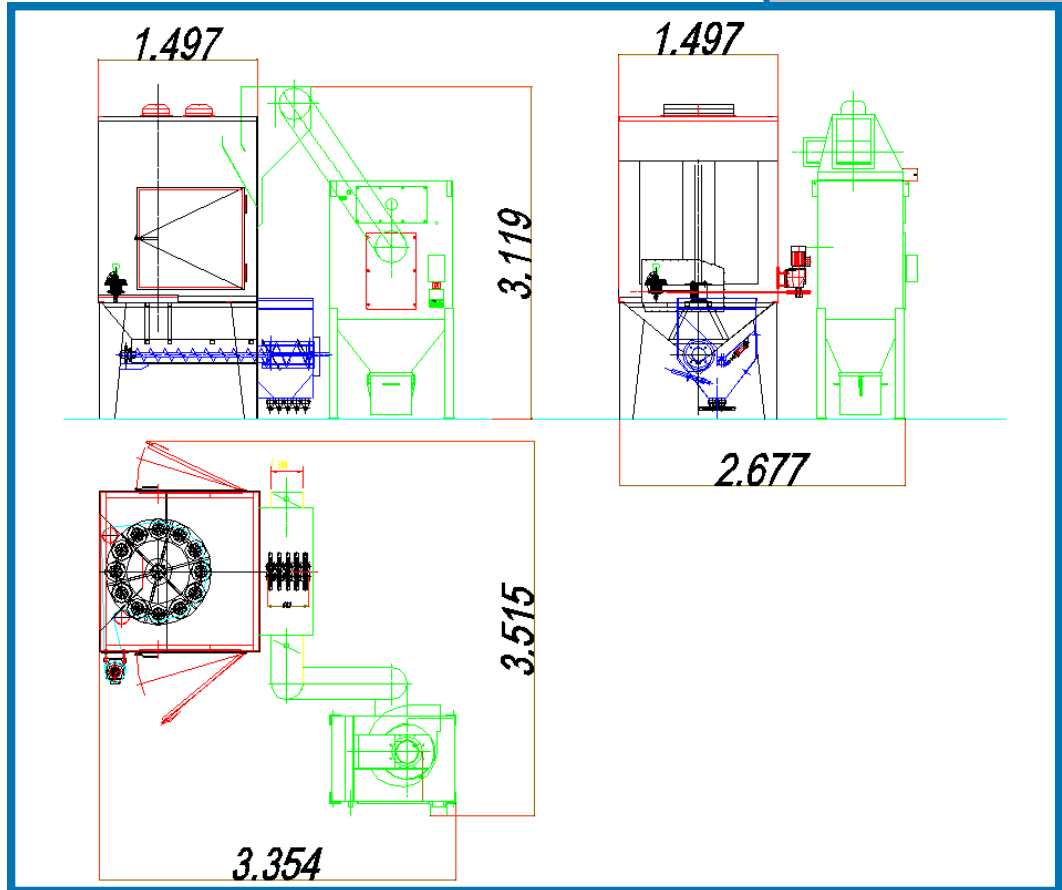
Operation principal



SFA-900



Dimension Print /SFA-900/



Technical Data

Rotating table				
	Diameter	mm	900	
	W/piece Holders	Pc	12	
Nozzles				
	Number	Pc	2-5	
	Type	Wolfram carbid		
	Nozzle diameter	mm	6	
	Nozzle movement	Optional		
	Abrasive blasting capacity	kg/min/nozzle	5	
Work piece				
	Maximum weight	Kg	20	
Inputs				
	Electrical	Machine	kW	1,1
		Aspirator	kW	3
	Compressed air	Pressure	bar	6
		Consumption	m ³ /h	50-250
Abrasive charge				
		kg	200	
Proposed media, particle size				
	Corundum/glass pearl	mm	0,05-1	
Aspiration fan capacity				
		m ³ /h	3000	
Electrical data				
	Voltage	V	3 x 400	
	Control voltage	V	220	
	Cycle	Hz	50	