



BLAST CLEANING & FINISHING SYSTEM

Airless Hanger Type

Shot Blasting Machine



PCS has a range of Airless Shot Blasting Machine Hanger Type with number of Blast Wheels varying according to the job size for the wide variety of work pieces for large production output in terms of surface treatment. The overhead conveyor carries the job in & out of the blast cabinet where numbers of blast wheel are located depending upon the type of the job for attaining homogeneous finish.

Major parts of the machine include blast wheel for giving high production output, over head conveyor for job conveying & the media recovery, consist of bucket elevator, screw conveyor, rotary screen separator etc. & dust collector.

Airless Hanger Type Shot Blasting M/c

The machine is designed for automatic efficient shot blasting of various applications like Valves, cylinders, mufflers, silencers, wheel rims, investment casting, automobile parts, transformer tanks & many more.

The Job is loaded on the Hanger in the Blasting Cabinet where they are blasted inside the chamber. The cabinet is protected from erosion by LINERS (Hardened Wear Plates), mounted on the sidewalls, top & door as per demand

The Dust particles generated in the system are collected in a number of Pleated Bags in a dust collector. Clean air is exhausted through an exhaust fan. The Pleated Bags are cleaned by Pulse type Reverse Jet air cleaner controlled through Solenoid Valve and the collected dust particles fall in a dust bin and taken out for disposal from time to time.

Blast Media would normally be round (cast or cylindrical shots). The smaller used media in this mixture is important for equal coverage of the surface being blasted while the coarser media is important to break up any scale.



Airless Standard Hanger Type M/c with Dual Door

TECHNICAL SPECIFICATION

S.No.	Model Name	Envelop Size (Dia x Height)	Blast Wheel	Load Carrying Capacity (Kg.)	Wheel Size & Motor (HP)	Total Power Required (HP)
1.	ASH-1	600 x 750	2	300	12½" X 5	14.5
2.	ASH-2	600 x 1000	2	300	12½" X 5	14.5
3.	ASH-3	600 x 1000	2	300	12½" X 7.5	22.5
4.	ASH-4	750 x 750	2	300	12½" X 5	14.5
5.	ASH-5	750 x 750	2	300	12½" X 7.5	22.5
6.	ASH-6	750 x 1000	2	300	12½" X 5	16.5
7.	ASH-7	750 x 1000	2	300	12½" X 7.5	22.5
8.	ASH-8	1000 x 1200	2	300	12½" X 7.5	23.5



'Y' Hanger Type



'I' Hanger Type



'O' Loop Type



'Close' Loop Type



Airless Hanger Type Blasting M/c for Tyre Molds Cleaning



Belt Driven Type Rotor / Wheel



Airless 2W Hanger Type Blasting M/c for Automobile Industry with Magnetic Shot Separator



Airless Hanger Type Blasting M/c for Automobile Industry



Direct Driven Type Rotor / Wheel

TECHNICAL SPECIFICATION

S.No.	Description		ASH 100-120/2W	ASH 120-160/3W	ASH 180-250/4W	ASH 200-300/4W
1.	Envelop Size	Dia	1000mm	1200mm	1800mm	2000mm
		Height	1200mm	1600mm	2500mm	3000mm
2.	No. of Blast Wheel		2	3	4	4 / 5
3.	Power of Blast Wheel		15 / 20 HP	15 / 20 HP	15 / 20 HP	20 / 25 HP
4.	Load Carrying Capacity of Hanger & hand push pull trolley (Kgs.)		500	500	2000	2000
5.	R.P.M. of Hanger		6	6	6	6
6.	Blasting Cycle Time Per Hanger (depending on job profile)		6-8 Min Approx	6-8 Min Approx	6-8 Min Approx	6-8 Min Approx
7.	Type of Dust Collector		Pleated Bag	Pleated Bag	Pleated Bag	Pleated Bag
8.	Height of the Machine		5000mm	5700mm	7500mm	7900mm
9.	Type of Conveyor (As demand)		'Y' Hanger / Close Loop / Monorail	'Y' Hanger / Close Loop / Monorail	'Y' Hanger / Close Loop / Monorail	'Y' Hanger / Close Loop / Monorail
10.	Requirement of Pit		No	No	No	No

We also customize design & manufacture the machine as per customer requirement.

OPTIONAL: Magna Valve for Shot Flow Control

Magna Valve & Shot Classifier are suggestible for Shot Peening purpose.





'Y' Hanger Type Shot Blasting M/c for Automobile Mufflers



'Y' Hanger Type Shot Blasting M/c with Motorized Hanger for Valve Bodies



Airless 'Y' Hanger Type Shot Blasting M/c for Fire Extinguishers



'T' Hanger Type Shot Blasting M/c for Electric Transformer Industry



'Y' Hanger Type Huge Shot Blasting M/c for Railway Components



'T' Hanger Type Shot Blasting M/c for Tipper & Trailer Industry



'T' Hanger Type Shot Blasting M/c for Huge Structures



'T' Hanger Type Shot Blasting M/c for Railway Components



Hanger Type Shot Peening M/c for Crank Shaft



Continuous Loop Hanger Type Blasting M/c for Cryogenic Cylinders



Continuous Loop Hanger Type Blasting M/c for Automobile Engine Cylinders



Continuous Loop Hanger Type Blasting M/c for Structures



Blasting, Metallizing & Painting Equipments

Process Control & Systems

14, Raja Naba Krishna Street, Kolkata - 700 005

Mbl- 9051202216 / 9831199611

E mail. processskmodi@gmail.com

Web:- www. Processblast.com

Our New Phone No : (033) 2530 0070

