

Powder Recovery, the secret of Profitability . . .



Save
• Powder • Money • Environment



Advanced booth with multi-cyclone type powder recovery reached to peak performance. Powder Spray Chamber, On line sieve, Multicyclone recovery and Bin cum Hopper, with suitable material handling arrangements, when integrated gives you an excellent finish, almost 100% utilisation of powder, maintenance-free & long life of equipment, ease of cleaning, quick colour change & safe, pollution-free operations.

Chamber - material is either in S.S./G.I/Power coated M.S.
Moduler Multicyclone - With an unbelievable efficiency of 98.5% or more, available in various capacities. A cluster of 3,4 or 6 is available with suitable modules. Unlike cartridge filters, multicyclones do not need internal cleaning for colour changes and have long life. With cartridge filters, one set is required for each colour thereby requiring a large floor space and investment. Cartridge filters have limited life while multicyclones are sturdy.

Down draft air flow - Booth uses down draft air flow in the chamber which provides ideal conditions for application by reducing powder velocities, improving wrap around and powder usage. Post filter for pollution free atmosphere is available as optional.

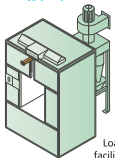
Bin Cum Hopper - Placed below the multicyclone & serve to collect recovered powder, mix it continuously and uniformly with fresh powder in fluidised form which can then be pumped to the applicator, if attached to spray equipment.

Built in sieves - inside the channel eliminates any need for separate sieving machine.

Ductless - construction, compact & minimum time of colour change. No hassles of cleaning duct pieces, nut-bolts etc.

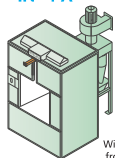


IN - I



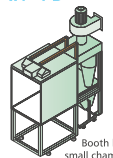
Loading facility from front side only

IN - I A



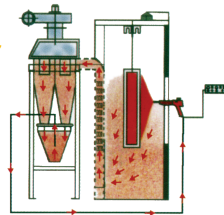
Wider front cutout

IN - I B



Booth has very small chamber Can be used for Laboratory purpose.

INTEGRATION



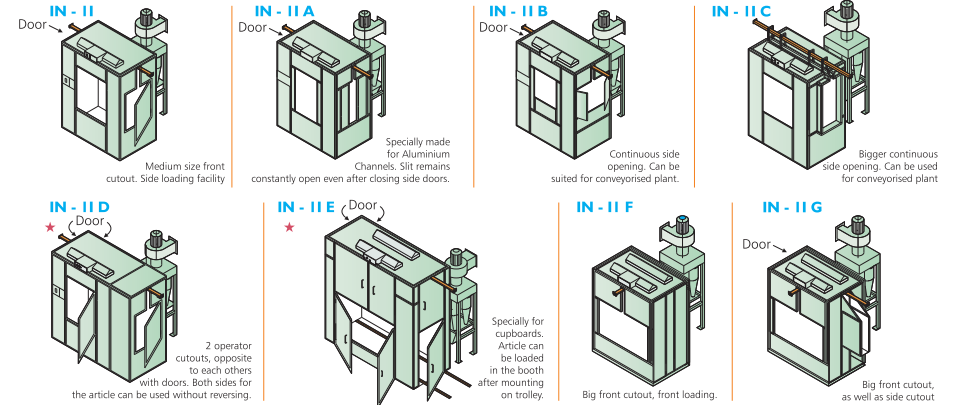
Booth - when integrated with Equipment gives

- Automatic mixing of fresh & recovered powder
- Automatic feeding of powder to spray gun
- Automatic on-line sieving.

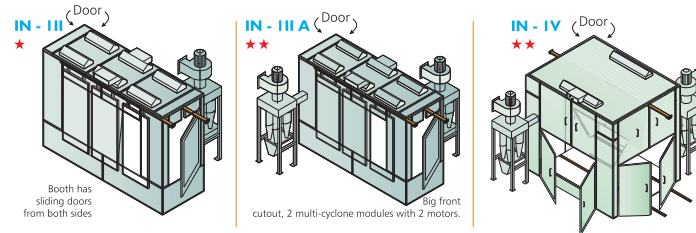
Enjoy the advantages of 'Close Powder Loop'

Model	Overall Dimensions (mm)			Chamber Dimensions (mm)			Front Cutout (mm)		Side Cutout (mm)		Continuous Opening		Multi-Cyclone Modules	Blower CU.M/Hr.	Motor HP	General Application Criteria
	H	D	W	H1	D1	W1	W	H	d1	h1	d2	h2				
IN - I	2565	1820	1480	2350	1180	1480	800	1000	--	--	--	--	3	1600	2	Smaller Components
IN - IA	2565	1820	1480	2350	1180	1480	1000	800	--	--	--	--	3	1600	2	Smaller Components
IN - IB	2565	1820	800	1640	1100	800	720	950	--	--	--	--	3	1600	2	Fan Blade

A wide range of models available to suit your requirement. . .



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	H	D	W	H1	D1	W1	W	H	d1	h1	d2	h2				
IN - II	2565	1820	1880	2350	1180	1880	1000	1200	1000	1200	--	--	4	2000	3	Medium Components
IN - IIA	2565	1820	1880	2350	1180	1880	700	1200	1000	1200	150	1200	4	2000	3	Aluminium Channels
IN - IIB	2565	1820	1880	2350	1180	1880	700	800	1100	800	300	800	4	2000	3	Conveyors
IN - IIC	3435	2500	3000	2560	1180	1880	900	1000	--	--	540	1250	4	5000	5	Conveyors
IN - IID	2565	1860	2480	2390	1180	2480	1100	1200	1000	1500	--	--	4	2000	3	Medium Components
IN - IIE	2850	1820	2400	2850	1180	2400	750	1290	750	1290	--	--	4	2000	3	Cupboard
IN - IIF	3355	2560	1880	2515	1900	1880	1600	1000	--	--	--	--	3	3750	5	Big front cutout for Sofa etc.
IN - IIG	3355	2560	2880	2515	1260	1880	1600	1000	1000	1200	--	--	3	3750	5	Same as above with side cutout



Special Features:

- Flexible opening for operator with sliding doors on both sides
- Loose track and trolley arrangement for hanging heavy and bulky control panels.

1) ★ - Only 1 door to be kept open at a time. 2) ★★ - 2 doors can be kept open at a time. 3) 98.5% efficiency only after keeping doors closed, except ★, ★★

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	H	D	W	H1	D1	W1	W	H	d1	h1	d2	h2				
IN - III	2770	2675	4250	2600	1900	4100	800	1400	1000	1400	--	--	4	2000	3	Control Panel
IN - IIIA	2770	2910	4265	2770	1550	3900	800	1500	1000	1500	--	--	4 x 2 Nos.	2000 x 2	3 x 2	At a time 2 cutouts open
IN - IV	3000	3600	3360	2850	2400	3080	750	1290	750	1290	--	--	4 x 2 Nos.	2000 x 2	3 x 2	At a time 2 cutouts open

Note : We reserve the right to modify/change above data/specifications without prior notice.



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