

Regenerative Blower

Shree Udyog specialises in Regenerative Blower Manufacturer in Mumbai. We supply Regenerative Blowers that are manufactured using superior grade raw material to ensure better durability. Our regenerative blower comprises dynamically balanced impeller that rotates in a stator-cum-compression chamber. The impeller is attached to a vertical shaft and is driven by flange mounted motor. Regenerative Blowers Suction as well as discharge openings are located on the outer periphery of the stator that assists in reducing the impedance to air flow. Regenerative Blower Manufacturer in Mumbai, We supply Regenerative Blowers, our company is specialize in Regenerative Blower, with high quality and better durability.

Salient features

Following are the salient features of our Regenerative Blower:

- ▶ Low Noise.
- ▶ Compact and can be mounted inside equipment's.
- ▶ No / low maintenance cost.
- ▶ Robust design.
- ▶ Requires no lubrication.



Applications

Our regenerative blowers are suitable for following functions:

- ▶ Dust collection.
- ▶ Non-magnetic material holding.
- ▶ Pneumatic conveying system.
- ▶ Pallet agitation.
- ▶ Agitation of chemicals.
- ▶ Industrial vacuum cleaner.
- ▶ Air pollution monitoring equipment's.
- ▶ Aeration of effluent treatment plant.
- ▶ Bottle Drying.



Technical

Specification:

Single Stage Specifications:

Model No.	Capacity	Pressure	Vacuum	Motor	Suction / Discharge
	m ³ /hr max	M Bar Max	M Bar Max	HP/2000 RPM	D S D

					(Inches)
TBS - 50	70	80	70	0.5	1.5
TBS - 100	200	130	120	1.0	2
TBS - 200	300	160	140	2.0	2
TBS - 300	400	200	180	3.0	2
TBS - 500	500	250	230	5.0	2.5
TBS - 750	600	270	250	7.5	2.5
TBS - 1000	800	350	300	10.0	2.5
TBS - 1500	1000	400	350	15.0	-
TBS - 2000	1500	450	400	20.0	-

Double Stage

Model No.	Capacity	Pressure	Vacuum	Motor	Suction / Discharge
	m ³ /hr max.	M Bar Max	M Bar Max	HP/3000RPM	B.S.P. (Inches)
TBD - 50	50	130	120	0.5	1.5
TBD - 100	100	220	200	1.0	2
TBD - 200	150	280	260	2.0	2
TBD - 300	200	320	300	3.0	2
TBD - 500	250	400	350	5.0	2.5
TBD - 750	300	450	400	7.5	2.5
TBD - 1000	400	500	450	10.0	2.5
TBD - 1500	500	550	500	15.0	3
TBD - 2000	700	600	550	20.0	3

Selection Chart

Turbine Blower Selection Chart (Single Stage)

Pressure (in Mbar)	0	50	100	150	200	250	300	350	400	450	Noise
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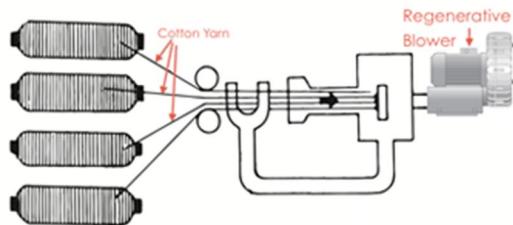
Model No.	HP	~ Capacity in Cubic meter per Hour @ N.T.P.										Level (dB)
TBS 50	0.5	70	35									72
TBS 100	1	200	100	65								75
TBS 200	2	300	200	100	50							75
TBS 300	3	400	250	150	75	10						75
TBS 500	5	500	350	260	160	70	10					76
TBS 750	7.5	600	450	300	200	125	50					80
TBS 1000	10	800	600	450	310	215	140	70	5			80
TBS 1500	15	1000	800	700	590	410	300	210	120	10		85
TBS 2000	20	1500	1200	1000	850	650	400	200	75	25	5	85

Turbine Blower Selection Chart (Double Stage)													
Pressure (in Mbar)	0	50	100	150	200	250	300	350	400	450	500	550	600
Mod	el	No.	HP	~ Capacity in Cubic meter per Hour @ N.T.P.									
TBD 50	0.5	50	30	10									72
TBD 100	1	100	75	50	25	10							75
TBD 200	2	150	110	85	60	30	10						75
TBD 300	3	200	160	120	85	55	30	5					75
TBD 500	5	250	220	200	175	150	100	50	25	5			75
TBD 750	7.5	300	275	250	225	190	160	130	90	40			80
TBD 1000	10	400	350	300	250	200	180	150	100	60	20		80

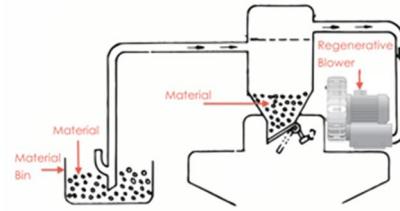
0													
TBD	15	500	450	400	350	280	240	200	150	110	75	40	
1500													85

0													
TBD	20	70	60	54	47	40	35	28	20	17	14	60	40
200		0	0	5	5	0	0	0	0	0	0	10	10
0													85

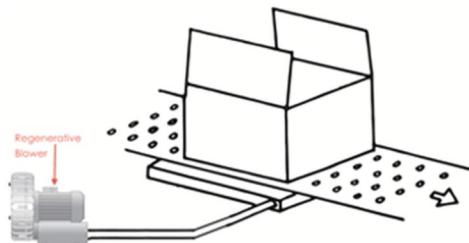
Sample Applications



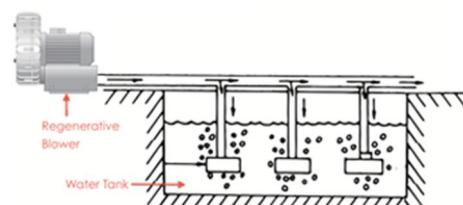
Thread handling in Cotton Looms



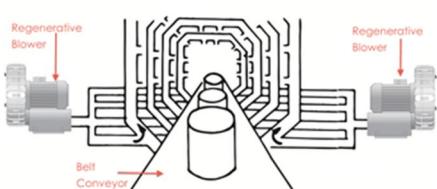
Material Conveying



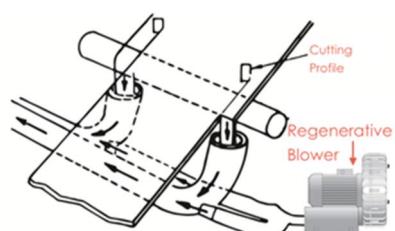
Packaging of Corrugated Boxes



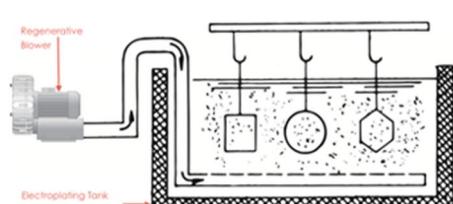
Aeration



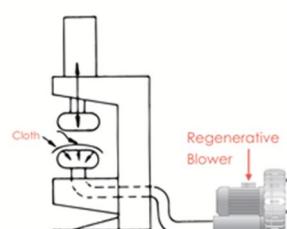
Material Drying



Film Scrap Collection



Electroplating of Materials



Commercial Ironing Machines

Spares Offered



Silencer



Valve



Filter