



# BAJAJ AIR SEPARATORS

**EFFICIENT AIR SEPARATION WITH MAXIMUM MATERIAL  
(SEED COTTON AND LINT FIBER) CONVEYING CAPACITY MACHINE**



- Robust Body
- Simple Operations
- Easy Maintenance
- Interchangeability of Spares
- Less Power Consumption
- Higher Output
- Higher Profits

“Quality is never an accident. It is the result of an intelligent effort.  
There must be a will to produce a superior thing.

- JOHN RUSKIN”

**DESIGNED WITH THE USER IN MIND;  
OVER 60 YEARS OF EXPERIENCE AT HAND!**



Manufactured in Technical Collaboration With Central Institute for Research on Cotton Technology (CIRCOT), ICAR, Govt. of India.

# BAJAJ AIR SEPARATORS

## TECHNICAL SPECIFICATION

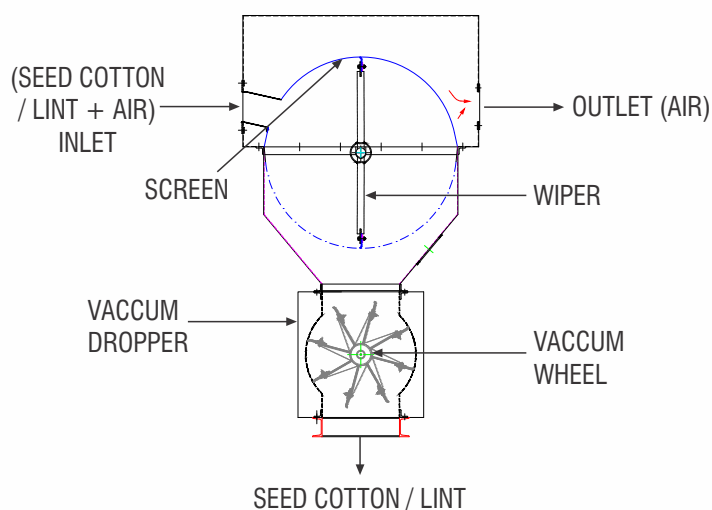
Types	Raw Cotton					Lint Cotton				
Models	700X1200	700X1500	1000X1800	1000X2100	1000X2400	1000X1500	1000X1800	1000X2100	1000X2400	1000X2700
Power required (max)	3 HP	5 HP	5 HP	7.5 HP	7.5 HP	5 HP	5 HP	7.5 HP	7.5 HP	7.5 HP
Operating Speed	60 RPM	60 RPM	60 RPM	60 RPM	60 RPM	60 RPM	60 RPM	60 RPM	60 RPM	60 RPM
Capacity (Kg/hr)	3800	4500	6000	7500	10320	1500	2000	2500	3440	4200

Types	Press House		
Models	1000X1200(J)	1000X1500(J)	1000X1800(J)
Power required (max)	5 HP	5 HP	5 HP
Operating Speed	60 RPM	60 RPM	60 RPM
Capacity (Kg/hr)	3000	3800	4500

### SALIENT FEATURES :

- Efficient and Gentle separation of material (Seed Cotton & Lint) from air.
- Optimizes ginning performance.
- Robust construction; longer life.
- Made with superior technical know how.
- Available in different models with different feeding systems for specific requirements.
- Removes dust, fine trash & short fibres to good extent.
- Max suction area for extracting air from material and efficient material discharge at the bottom.

### Schematic Diagram



### BAJAJ GINNING EQUIPMENTS & SYSTEMS

Double Roller Cotton Gin~Auto Feeder~Pre Cleaner~Lint Cleaner~Seed Cotton Opener & Cleaner~Pneumatic Conveying and Distribution System of Unginned Cotton for Automatic Plants~Belt Conveyors & Pneumatic Conveying System for Cotton Lint~Cottonseed Conveyors, Elevators~Electricals and Cotton Baling Presses.

### ALWAYS USE

**BAJAJ GENUINE SPARE PARTS FOR HIGHER QUALITY OUTPUT & BETTER LIFE OF MACHINE**

**Note :** Features shown do not necessarily show the machine / equipments in it's standards form. In view of our policy of continuously improving our products, we reserve the right to alter specifications or designs without prior notice & without liability .



**BAJAJ STEEL INDUSTRIES LIMITED**

Plot No. C-108, MIDC Industrial Area, Hingna, Nagpur - 440028 (MH) India.  
Tel. : +91-07104-238101-20, Fax : +91-07104- 237067  
E-mail : bsi@bajajngp.com Web : www.bajajngp.com

**BAJAJ CONEAGLE LLC**

1900 Market St., Millbrook, AL 36054. USA  
Telephone: (334) 517-6139/40/41 Fax: (334) 571-6142  
email: sales@bajajconeagle.com  
website: www.bajajconeagle.com

