



BAJAJ COTTON BOLL OPENER



- Movable
- Easy to Operate
- Robust Construction
- Maximises 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



Trash Guard in open position



Machine Guard in open position



Drive Mechanism



Drive Guard in open position

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

**DESIGNED WITH THE USER IN MIND;
 OVER 45 YEARS' EXPERIENCE AT HAND!**

Bajaj Cotton Boll Opener

TECHNICAL SPECIFICATION	
Cleaning capacity / hour(Avg)	600 kgs raw cotton
Power (Max)	5 BHP,1440 RPM
Height : From top of hopper	5 1/4'
: From top of cover	4 1/4'
Width	3 1/2'
Length	12'
Weight (approx)	750 kgs
Optional Accessories	i) C.I.Wheel arrangement ii) Electric Motor iii) Transmission Pulley & Belt iv) Starter v) Switch vi) Heavy-duty, four core flexible cable

Due to continuous research & development , specifications are subject to change without notice.

SALIENT FEATURES

AN ADDITIONAL PROFIT MACHINE :

- Designed to open raw cotton bolls by air turbulence and clean lower grades of cotton by separating dust, leaves immature bolls etc.
- Most efficient for cleaning Zoda, Leafy and other lower grades of raw cotton as well as Collection from pre-cleaners.
- Reduces manpower required for sorting, by allowing dust, leaves and immature bolls to fall below through grids with holes of different sizes for separate collection.
- Opened and Cleaned raw cotton delivered at the discharge-end
- Recovers useful raw cotton from trash cotton collections.
No damage to cotton fibre in the process.

ROBUST CONSTRUCTION :

- A large capacity fan is provided before inlet to create sufficient air pressure to aerate raw cotton by air turbulence.
- Large diameter Beaters are provided to separate dust, leaves and immature bolls etc. and push the clean raw cotton towards the discharge- end.
- The grids are made of heavy- gauge steel sheets.
- The round holes of different- size grids do not get clogged easily.
- The top cover of the machine is of painted CR sheets to make the machine weather- resistant.
- The main shaft runs on three heavy-duty ball bearing encased in dust- proof housing to Give trouble free service for number of years, with lower power consumption.

SAFE AND TROUBLE FREE :

- Guarding at the feed-end as well as at the discharge-end has been provided for safety purpose.
- Totally enclosed by sheet metal with door to collect trash & pre-matured Bolls separately.
- Suitable base for fitting electric motor has been provided to eliminate slide rails.
- The covers of the machine are tightened by fly-nuts to enable the operator to attend the machine without using spanner.
- Driving arrangement is totally enclosed.

BAJAJ GINNING EQUIPMENTS & SYSTEMS : Double Roller Cotton Gin ~ Auto Feeder ~Pre-cleaner ~Lint Cleaner~Seed cotton opener & cleaner~Pneumatic conveying and distribution system of unginning cotton for Automatic Plants~Belt conveyors & Pneumatic conveying system for cotton lint~Cottonseed conveyors , elevators~Electricals and Cotton Baling Presses.

BAJAJ CONSULTANCY SERVICES : Modernization of existing ginneries to produce contamination free, high quality cotton~Designing and supply of complete modern ginning & pressing plants as per requirements.



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