BAJAJ DOUBLE ROLLER COTTON GIN

Highest out turn of Lint than other Ginning Systems.
Cleaner seeds without Cotton Lint with it.

“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

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

DESIGNED WITH THE USER IN MIND;
50 YEARS’ OF EXPERIENCE AT HAND!

Manufactured in Technical Collaboration
With Central Institute for Research on Cotton Technology (CIRCOT), ICAR, Govt. of India.
**BAJAJ DOUBLE ROLLER COTTON GIN**

<table>
<thead>
<tr>
<th>Model</th>
<th>Jumbo</th>
<th>Extra Long</th>
<th>Special/Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Length</td>
<td>1361 mm</td>
<td>1191 mm</td>
<td>1061 mm</td>
</tr>
<tr>
<td>Production capacity (Lint)*</td>
<td>65 to 105 Kgs./Hr</td>
<td>50 to 95 Kgs./Hr</td>
<td>40 to 70 Kgs./Hr</td>
</tr>
<tr>
<td>Processing Capacity (R/C)</td>
<td>200 to 265 Kgs/Hr</td>
<td>160 to 225 Kgs/Hr</td>
<td>125 to 175 Kgs/Hr</td>
</tr>
<tr>
<td>Electric Motor</td>
<td>7.5/5 H.P. 132 S Frame</td>
<td>5 H.P.</td>
<td>5 H.P.</td>
</tr>
<tr>
<td>M/C Centre(min.)</td>
<td>2357 mm</td>
<td>2187 mm</td>
<td>2057 mm</td>
</tr>
<tr>
<td>M/C Bolt Centre</td>
<td>1477 mm x 760 mm</td>
<td>1307 mm x 760 mm</td>
<td>1177 mm x 760 mm</td>
</tr>
<tr>
<td>Space b/w Row (min. c/c)</td>
<td>3660 mm</td>
<td>3660 mm</td>
<td>3660 mm</td>
</tr>
<tr>
<td>Operating Speed</td>
<td>950 /1000 RPM</td>
<td>1000/1040 RPM</td>
<td>1000/1040 RPM</td>
</tr>
<tr>
<td>Driving V-Belts</td>
<td>2 Nos. ‘B’ Section</td>
<td>2 Nos. ‘B’ Section</td>
<td>2 Nos. ‘B’ Section</td>
</tr>
<tr>
<td>Bearings</td>
<td>21 Nos.</td>
<td>19 Nos.</td>
<td>19 Nos.</td>
</tr>
<tr>
<td>Lubrication (Grease)</td>
<td>150 Gms/8 Hr</td>
<td>150 Gms/8 Hr</td>
<td>150 Gms/8 Hr</td>
</tr>
<tr>
<td>Gears</td>
<td>Planetary / Helical</td>
<td>Planetary / Helical</td>
<td>Planetary / Helical</td>
</tr>
<tr>
<td>Seed Discharge</td>
<td>Slides / Conveyor</td>
<td>Slides / Conveyor</td>
<td>Slides / Conveyor</td>
</tr>
<tr>
<td>Removal of Cotton Lint</td>
<td>Front &amp; Rear</td>
<td>Front &amp; Rear</td>
<td>Front &amp; Rear</td>
</tr>
<tr>
<td>Min Distance B/w M/C</td>
<td>880 mm</td>
<td>880 mm</td>
<td>880 mm</td>
</tr>
<tr>
<td>Rotation of Driving Pulley</td>
<td>Any Direction</td>
<td>Any Direction</td>
<td>Any Direction</td>
</tr>
</tbody>
</table>

* Depends on Raw Cotton Quality/ Grade

**FREE ACCESSORIES**: Box Spanner, ½ x 5/8”, T. Spanner 3/8”, 1/8” BSP Threaded T Spanner, Beater Adjustment Gauge.


**BAJAJ DR : A PROFIT GIN**
- Protects Fibre Quality; Gives Production of Clean; Lustrous Cotton Lint.
- Works efficiently; reduces cost and Adds to profitability.
- Engineering experiences and expertise combined to ensure lowest operational and maintenance cost.
- Consumes less power.

**BAJAJ DR : HIGH QUALITY AND HEAVY DUTY GIN**
- All gears, connecting rod, head, beater arm, swing lever etc. are made of high Nodularity ductile iron.
- All rotating parts are provided with precision bearings to reduce friction for optimum efficiency.
- Connecting housing is provided with heavy duty self aligning roller bearing.
- Leather roller shafts are interchangeable and if one side of the roller is worn out, it can be reversed.
- Lint output remains uniform on full length of the rollers.
- Lubrication is pressure fed, dust proof greasing system.
- Special hardened bushes for weight levers and swing levers ensure smooth working of gin.

**BAJAJ DR : MOST RELIABLE GIN**
- Over 55,000 gins are in efficient operation in India & Abroad.
- Fully backed by after sales services, provided by team of trained and Competent engineers.
- High quality replacement parts and spares available at all times.

**FEATURES**:
- Lowest power consumption per quintal lint ginned
- Fully machined fly wheel / machine pulley
- All rotating parts are precision machined using advanced manufacturing process on CNC machines providing best finish & Tolerances to provide enhanced life of the machine & zero down time.
- Mechanism requiring lower periodic maintenance & setting of the machine.

**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**

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

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