



# BAJAJ DOUBLE ROLLER COTTON GIN

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

- 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



D.R. Gin with Auto Feeder



D.R. Gin with Self Feeder



D.R. Gin with Seed Conveyor



D.R. Gin with Doffer Roller



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

DESIGNED WITH THE USER IN MIND;  
OVER 48 YEARS' EXPERIENCE AT HAND!

# Bajaj Double Roller Cotton Gin

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

\* Depends on Raw Cotton Quality/ Grade

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

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

**OPTIONAL SUPPLY** : Templates, Foundation Bolts, Motor rails, Motor pulley, Guard for pulley, V-Belts, Seed Screw Conveyor, Roll Press, Roll Cutting stand, Cotton bag, Weighing stand, Lint Filling Platform, Bus bar Panel with all required Fittings, Platform Structure, Complete range of spares, Doffer Roller Assembly, Electrical Motor & Electricals.

#### **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.
- Moving parts are housed in dust proof gear box for smooth running.
- 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 32,000 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.

**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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