

## LOW MAINTENANCE

# BAJAJ DOUBLE ROLLER (DR) GINNING MACHINE MODEL : TEJAS WITH AUTOFEEDER

**HIGH STRENGTH COTTON GINNING MACHINE  
WITH OPTIMUM OUTPUT**



DR Gin with Self Feeder



DR Gin with Seed Conveyor



DR Gin with Doffer Roller



DR Gin without Seed  
Collection Tray

### Why TEJAS DR ?

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| <ul style="list-style-type: none"> <li>■ Provision for Increased leather roll diameter</li> <li>■ 16 sealed / Pre greased bearings</li> <li>■ Only two greasing points</li> <li>■ Robust Box type beater housing for easy setting</li> <li>■ Maximum strength to Gin upto 50 G/Tex cottons</li> <li>■ Adequate weights on leather roll for higher production</li> <li>■ Use of superior material for highest strength of spare parts</li> <li>■ About 50% lower vibration</li> <li>■ Improved Seed Channel Design</li> <li>■ Improved Hopper Sheet Design</li> <li>■ Powder coating on Auto Feeder Assembly</li> </ul> | <ul style="list-style-type: none"> <li>■ Less Power Consumption per unit of production</li> <li>■ One to One replacement on Jumbo/ Super / Platina models</li> <li>■ Less man power as less greasing points</li> <li>■ Longer wear life of leather roller</li> <li>■ Interchangeability of spares</li> <li>■ Significantly higher profits</li> <li>■ Robust body</li> <li>■ Simple operations</li> <li>■ Lustrous lint fiber production Machine</li> <li>■ Improved autofeeder for better performance</li> <li>■ Prompt after sales service</li> </ul> |
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**DESIGNED WITH THE USER IN MIND; OVER 59 YEARS OF EXPERIENCE AT HAND!**

# BAJAJ DOUBLE ROLLER (DR) COTTON GIN TEJAS

GIN MACHINE	DETAILS	AUTOFEEDER	DETAILS
M/C Bolt Centre	1477 x 760 mm	R.P.M.	35 - 40
M/C Centre (min.)	2357 mm	Feeding System	Mechanical / Pneumatic / Manual
Production Capacity (Lint)*	65 TO 105 Kgs/Hr	Bearings	10 Nos. (Lubrication Free)
Processing Capacity (R/C)*	200 to 265 Kgs/Hr	Bearings	4 Nos. (Need Lubrication)
Electric Motor	5 H.P. 132 S Frame	Lubrication (Grease)	20 Gms/8 Hrs
Flat Length	1361mm	Storage Capacity	42 - 55 kg
Space b/w Row (min. c/c)	3350 mm		
Operating Speed	950 / 1000 RPM		
Driving V-Belts	2 Nos. 'B' Section		
Bearings (Need Lubrication)	5 Nos.		
Bearings (Lubrication Free)	16 Nos.		
Lubrication (Grease)	75 Gms/8 Hrs		
Gears	Helical		
Seed Discharge	Vertical		
Removal of Cotton Lint	Front & Rear		
Min Distance B/w M/c	880 mm		
Rotation of Machine Pulley	Clock wise		

Improved design better performance

**Note:**

**1. Production capacity depends on Raw cotton Quality / Grade**

**2. Always use branded high quality multi purpose Grease for lubrication**

ACCESSORIES : Box Spanner, M12 & M16, T Spanner M10, 1 / 8" BSP Threaded T Spanner, Beater Adjustment Gauge.

OPTIONAL SUPPLY : Foundation Templates, Foundation Bolts, Motor Rails, Motor Pulley (6" 2B and 6" - 5 3/4" 4B), 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, Automatic Roll Grooving Machine, 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 to ensure smooth working of gin.

## BAJAJ DR : MOST RELIABLE GIN

- Over 100,000 gins of different models 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 dynamically balanced 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.

Lint productivity is depended on the quality of seed Cotton, input Voltage, period of Ginning, Atmospheric condition, setting of machines, maintenance of 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

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 .



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