



# BAJAJ SCREW CONVEYOR

Continuous & Adequate Feeding of Seed Cotton to each Gin For Highest Production

- Robust Construction
- Long life
- Maintenance free
- Uniform and adequate feeding at all points
- Ease of use
- Protects fibre quality
- Made with superior technical know how



Autoregulator For Regulating Feed To Each Gin



Typical Arrangement of Screw Conveyor with Autoregulators for Feeding Gin Machine



Autoregulator Connected With Autofeeder Over Gin Machine With Sensor

“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 50 YEARS' OF EXPERIENCE AT HAND!**



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

# BAJAJ SCREW CONVEYOR

## TECHNICAL SPECIFICATION FOR SCREW CONVEYOR

Models	COTTON SEED			SEED COTTON	
	8 1/2"	12"	16"	16"	18"
Power Required	3 HP	3 HP	5 HP	5 HP	7.5 HP
Capacity (TPH)	5000	10000	15000	7000	10000
Feeding	Mechanical			Mechanical by Pre Cleaner/ Air Separator	
Material Dropping	Outlet at multi points for bagging			Regulated feed to gins by Sensorised Auto regulators	

## TECHNICAL SPECIFICATION FOR AUTOREGULATOR

Models	Extra Long	Jumbo	Golden Jubilee
Connected total power	0.25 HP	0.25 HP	0.25 HP
Capacity (Kgs /Hr) of Seed Cotton *	170 Kg	250 Kg	350 Kg

## FEATURES & BENEFITS OF SCREW CONVEYOR

- Available in various sizes upto 450 mm diameter
- Helicoids of high quality carbon steel provides smooth surface with no sharp edges.
- All rotating parts are provided with precision bearing to reduce friction for optimum efficiency.
- All rotating parts are precision machined using advanced manufacturing process on CNC machines providing best finish and tolerances to enhance life of the machine & minimizes the down time.
- Mechanism requiring lower periodic maintenance & setting of the machine.
- Bearings are enclosed in bracket housing with dust proof covers thus enhancing the life.
- Troughs designed for optimum feeding and carrying of material to machine or for bagging.
- Reduces man power in the process largely.

## FEATURES & BENEFITS OF AUTOREGULATORS

- Programmed to ensure continuous feeding to Gins for greater productivity.
- Variable Feed Rates for specific requirements.
- Supplied with high quality electrical accessories and dust proof sensors for efficient performance.

## 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-CEC DELINTING EQUIPMENTS AND SYSTEMS FOR HIGHEST QUALITY OUTPUT

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



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