

DOUBLE ROLLER COTTON GINS

SALIENT FEATURES

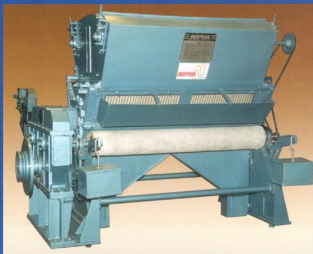
- The machine is of robust construction. The framing parts viz end frames, bed plate, rail for fixed knife and the gear case are made of graded Cast Iron Castings. All rotating parts, viz Pinion Shaft, Helical Gears, Oscillating and Connecting Rod, Beater Shaft and Ginning Rollers are provided with ball and roller bearings.
- The design of the Gin and feeder allows easy access for running adjustments. The machine is "push button" operated.
- Rigorous quality control is maintained right from the selection of raw materials to the finished product. All the raw materials are tested for chemical and mechanical properties before use. A rigid inprocess inspection is carried out at all stages of production and finally the finished components are inspected with the help of most modern calibrated measuring instruments and gauges.

SPECIFICATIONS

- Individual Motor drive. Power transmitted from a 5 hp/3.6 kw, 1440 r.p.m. Electric Motor to Pinion Shaft by v- belts. Electricals are suitable for 415/440 V, 50c/s, 3-phase A.C. supply.
- Operating speed - 950 to 1050 r.p.m. (approx.)
- Installed Ginning capacity - upto 90 kgs of Lint per hour, depending on variety, quality and type of cleaned and opened seed cotton having optimum moisture content and adequate & proper feeding.
- Supplied with two ginning rollers fitted with compressed chrome leather washers.

MODEL SUP-CAP 54

**THE WORLD'S FINEST
ROLLER GINS FOR MEDIUM
LONG & EXTRA LONG
STAPLE COTTON**



**NIPHA MODEL SUP-CAP 54
ROLLER GIN FITTED WITH
AUTO FEEDER**

Description	Length	Width	Height	Nett Wt
GIN	84"	51"	41"	1020
FEEDER	62"	40"	28"	160
GIN WITH FEEDER	84"	51"	61"	1180

MACHINE DIMENSIONS & WEIGHT

NIPHA DOUBLE ROLLER GIN WITH FEEDER

NIPHA Model SUP-CAP 54 Double Roller Gin is world's best version of Double Roller Gin for both fuzzy and black-seed varieties of medium, long and extra long staple seed cotton. It has provisions for optimum and precise adjustments and settings allowing undisturbed prolonged operation resulting into consistent productivity and high quality of lint.

HIGHER LINT PRODUCTION

HIGHER LINT RECOVERY

MINIMAL DEGRADATION OF FIBRES AND SEED BREAKAGE

MINIMAL LINT CUT & DEGRADATION OF UNIFORMITY RATIO OF SEED COTTON

MAXIMUM RETENTION OF FIBRE LUSTURE

FETCHES PREMIUM FOR QUALITY

MINIMUM BREAK-DOWN AND BETTER MACHINE AVAILABILITY

LOWER CONSUMPTION OF LUBRICANTS

NIPHA DOUBLE ROLLER GINS reflect established unchallenged edge over other designs of Double and Single Roller Gins in the world market.

NIPHA manufactures the complete range of ginnery equipment including Roller Gins & Saw Gins, Pre-cleaning and Post-cleaning systems, Drying & Humidification, Pneumatic and Mechanical Handling of seed-cotton, cotton seed and cotton lint, Bale Presses, Bale Bagging and Weighing Lines and Trash Disposal systems.

NIPHA

An ISO 9001 : 2008 Company

NIPHA Model SUP-CAP 54 Roller Gin fitted with Auto Feeder

The design of Feeder provides seed-cotton feed rates that can be precisely regulated as per ginning rates achievable with different varieties of seed-cotton and allows convenient retractability of Feeder as a whole to provide access for machine adjustments and settings. These features have led to their greater acceptability in large and medium sized fully mechanized or semi-mechanized roller gin plants.

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