



SABARTM

SINCE 1969

TOP-NOTCH

SPINNING ROLL SHOP MACHINERY



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SABAR MILESTONES

1961

Shri K.D. Marfatia & his family launched the first Tiger brand lathe machines.

1982

Introduced Plunger Grinding principle- SABAR Mechanical Cot Grinding Machine (MEHCOT) & HYDCM, PCM, HCM, CAL, ETT, SLM.

1998

Launched the Automatic Cot Grinding Machine (AUTOCOT) that has unique technical features for Auto Feeding of Top Rollers + CRC, FRTM, HYDFRT.

2013

Introduced SABAR Dual Head Automatic Cot Grinding Machine (DUALHEAD AUTOCOT) for large Spindles capacity Spinners + FCM, SCD.

2019

Sabar launched Dual & Single Head Fully Automated Servo Controlled Cot Grinding Machine with Diameter set software (DUALHEAD SERVOCONTROLLED) which is 1st in the Textile world along with Smart Maxi Feeder.

SABAR Standard Cot Grinding Machine (STANCOT & EXSTANCOT) was lauded as the company's first mass-selling Cot Grinder.

1969

The Semi-Automatic Cot Grinding Machine (HYDCOT) developed by SABAR was one of the best Semi Automated Cot Grinder. Introduced SUV, MGR, DEGR.

1989

SABAR introduced its first Twin Automatic Cot Grinding Machine (TWINCOT) with simultaneous grinding of Small & Long Cots + FCRC, AFCRC, BORO-B, TUV.

2007

Launched the world's 1st highly precise Cot Grinder – SABAR Fully Automated Servo Controlled Twin Cot Grinding Machine with Diameter set software (SERVOCOT) + OUV + AGR.

2016

The name and brand SABAR stand for first-class quality as well as reliability. As a result, more than 3200 machines are in operation. In 2022, SABAR launched a truly new & advanced concept in Cot Grinding Machine i.e.. All New Model-SERVO² AUTOCOT.

NOW



53+
YEARS
EXPERIENCE



50+
COUNTRIES
GLOBAL PRESENCE



3200+
WORLDWIDE
INSTALLATION



4th
GENERATION
CONTINUING
LEGACY





SERVO² AUTOCOT

Servo² Automatic Cot Grinding Machine

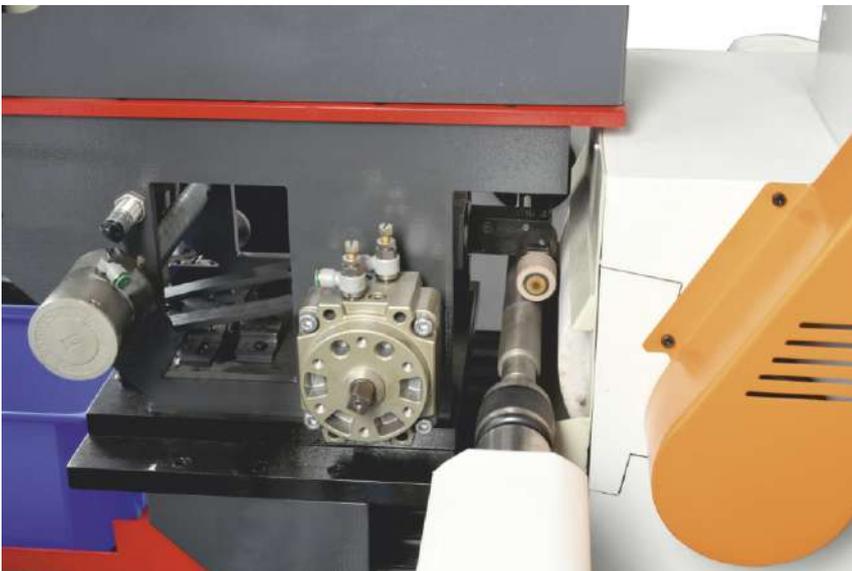


SERVO² AUTOCOT

Servo² Automatic Cot Grinding Machine



Dual Servo driven grinding operation



Fully automatic grinding of small Cots

Fascination

- 100% programmable servo driven grinding operation.
- Rigid and heavy enclosure type body for environmental friendly operation and precision working.
- Grinding zone works on oscillating system for grinding all types of cots by servo driven system with reciprocating ball screw mechanism.
- Machine works on linear guide ways & precision ball screw system for the highest degree of working accuracy.
- No need to remove centerless attachment for grinding long cots. Can be grind on the same settings.
- Consistent, user-friendly and smart Cot Grinder !



DUALHEAD SERVOCOT

Dual Head Fully Automatic Servo Controlled Cot Grinding Machine
with Diameter set Software



DUALHEAD SERVO COT

Dual Head Fully Automatic Servo Controlled Cot Grinding Machine with Diameter set Software



Fully automatic grinding of ring frame cots



Fully automatic grinding of speed frame cots

Fascination

- The machine has two grinding zones of 200 mm width suitable for fully automatic grinding of small cots like Ring Frame, Speed Frame etc.
- Both zones work on Servo Controlled system with PLC/MMI.
- Additional interchangeable 25 mm width grinding assembly for long cots grinding like Draw Frame, Comber etc. (optional).
- Grinding to predetermined diameter.
- Sorting of top rollers according to diameter (optional).
- Auto feeding system on 200 mm width grinding zones.
- World's fastest & highly precise Cot Grinding Machine.



SERVOCOT

Fully Automatic Servo Controlled Twin Cot Grinding Machine with Diameter set Software



Fascination

- The machine has two grinding zones.
- 200 mm width grinding zone for fully automatic grinding of small cots like Ring Frame, Speed Frame etc.
- 25 mm width grinding zone for grinding long cots like Draw Frame, Comber etc.
- Continuous grinding of small & long cots.
- 200 mm width grinding zone works on Servo controlled system with PLC/MMI.
- Grinding to predetermined diameter.
- Sorting of top rollers according to diameter (optional).
- Auto feeding system on 200 mm width grinding zone.
- Universal & versatile Grinding Machine for all types of cots.

AUTOCOT - SERVO CONTROLLED

Automatic Cot Grinding Machine - Servo Controlled



Fascination

- The machine is equipped with 200 mm width grinding zone for fully automatic grinding of small cots like Ring Frame, Speed Frame etc.
- Additional interchangeable 25 mm width grinding zone for grinding long cots like Draw Frame, Comber etc.
- Works on Servo Controlled system with PLC/MMI.
- Grinding to predetermined diameter.
- Sorting of top rollers according to diameter (optional).
- Auto feeding system on 200 mm width grinding zone.



DUALHEAD AUTOCOT

Dual Head Automatic Cot Grinding Machine

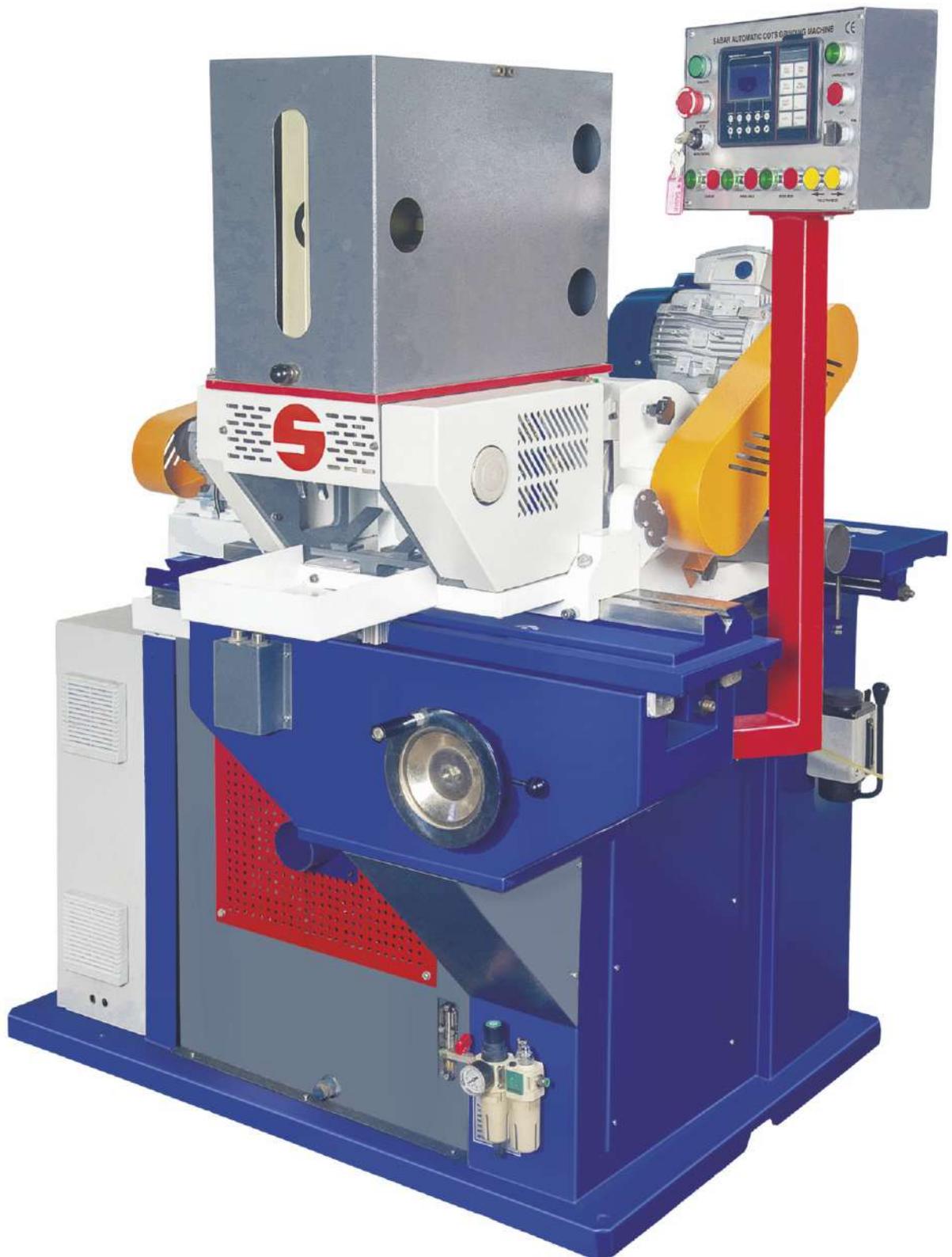


Fascination

- The machine has two grinding zones of 200 mm width suitable for automatic grinding of small cots like Ring Frame, Speed Frame etc.
- Both zones work on hydro-pneumatic systems with PLC/MMI.
- Additional interchangeable 25 mm width grinding assembly for long cots grinding like Draw Frame, Comber etc.
- Auto feeding system on 200 mm width grinding zones.

TWINCOT

Twin Automatic Cot Grinding Machine





TWINCOT

Twin Automatic Cot Grinding Machine



Fascination

- The machine has two grinding zones.
- 200 mm width grinding zone for automatic grinding of small cots like Ring Frame, Speed Frame etc.
- 25 mm width grinding zone for grinding long cots like Draw Frame, Comber etc.
- Continuous grinding of small & long cots.
- Works on hydro-pneumatic system with PLC/MMI.
- Auto feeding system on 200 mm width grinding zone.

AUTOCOT

Automatic Cot Grinding Machine



Fascination

- The machine is equipped with 200 mm width grinding zone for automatic grinding of small cots like Ring Frame, Speed Frame etc.
- Additional interchangeable 25 mm width grinding zone for grinding long cots like Draw Frame, Comber etc.
- Works on hydro-pneumatic system with PLC/MMI.
- Auto feeding system on 200 mm width grinding zone.

SMF

Smart Maxi Feeder



Fascination

- Designed for higher storage of top rollers.
- Works with PLC/MMI.
- Can be attached to any Sabar Auto feeding Cot Grinding Machines.



HYDCOT

Semi Automatic Cot Grinding Machine



Fascination

- The machine is equipped with 200 mm width grinding zone for semi automatic grinding of small cots like Ring Frame, Speed Frame etc.
- Additional Interchangeable 25 mm width grinding zone for grinding long cots like Draw Frame, Comber etc.
- Works on hydro-pneumatic system with PLC/MMI.
- Manual feeding & De-feeding system of top rollers.

MEHCOT

Mechanical Cot Grinding Machine



Fascination

- The machine is equipped with 200 mm width grinding zone for manual grinding of small cots like Ring Frame, Speed Frame etc.
- Additional interchangeable 25 mm width grinding zone for grinding long cots like Draw Frame, Comber etc.
- Works manually, on hydraulic table traverse system.

STANCOT

Standard Cot Grinding Machine



Fascination

- The machine is equipped with 25 mm width grinding zone for grinding small cots like Ring Frame, Speed Frame etc. + Long Cots like Draw Frame, Comber etc.
- Works manually, on hydraulic table traverse system.

EXSTANCOT

Extended Standard Cot Grinding Machine



Fascination

- The machine is equipped with 40 mm width grinding zone for grinding Jute Spinning rollers.
- Works manually, on Hydraulic table traverse system.
- Special model for Jute Spinners.

ETT

Eccentricity & Taper Tester



Fascination

- For inspecting Eccentricity & Taper with dial gauge mechanism to ensure faultless top rollers.
- Universal model.

SHT

Shore Hardness Tester



- For checking hardness of Rubber Cot.



FRTM & HYDFRT

Fluted Roller Truing Machine (Manual & Hydraulic)



Fascination

- Sharp Identification & accurate rectification of Eccentricity for fluted rollers.
- Specially grooved C.I. table with two anti-frictional bearing blocks for different length of rollers.
- Two slide roller straightening blocks for easy holding & straightening of rollers.
- Dial gauge to measure eccentricity.
- Two Models available :
(1) Manual (2) Hydraulic

MGR

Vertical Manual Top Roller Greasing Machine



Fascination

Most effective machine for Greasing Ring frame and Speed Frame Top Rollers. Available in Manual & Automatic system.

AGR

Automatic Top Roller Greasing Machine



DEGR

Top Roller De-Greasing Machine

Fascination

- Fully Automatic cycle.
- Two different types of sliding & powerful oil jet nozzles are provided for pinpoint, uniform flushing of top roller's arbour with pressure.
- Adjustable flushing time & auto off switch.



OUV

Online Automatic UV Top Roller Treatment Plant



Fascination

- No opening of working chamber. Completely online automatic UV treatment process for all types of Top Rollers.
- Higher storage of top rollers in auto feeding box.
- 2 KW UV lamp with high grade S.S. reflectors ensure short exposure of cots surface due to highly concentrated & even radiation intensity.
- Improves surface finish of Top Rollers.
- Crucial point, no direct contact of UV rays with human body.
- Treatment time can be varied by VFD.

SUV & TUV

UV Top Roller Treatment Machine (Single & Twin Chamber)



Fascination

- Improves surface finish of top rollers which prevents lapping tendency.
- Available in single & twin chambers.



HYDCM

Hydraulic Cot Mounting / De-Mounting Machine

Fascination

- Vertical Zone: For Mounting & De-Mounting of small cots like Ring frame, Speed frame, Elite, Open End, Texturizing, Airjet etc.
- Horizontal Zone: For Mounting & De-Mounting of long cots like Draw frame, Comber, Sliver lap etc.
- Without any operational constrain, operator can work together on both the zones.



PCM

Pneumatic Cot Mounting / De-Mounting Machine



Fascination

For mounting & de-mounting of small cots like Ring frame, Speed frame, Elite, Open End, Texturizing, Airjet etc. by means of pneumatic press.

HCM

Hand Cot Mounting / De-Mounting Machine



Fascination

Economic solution for mounting & de-mounting of small cots like Ring frame, Speed frame, Elite, Open End, Texturizing, Airjet etc. by means of manual operation.

CRC

Clearer Roller Cleaning Machine



Fascination

Powerful Pneumafill system: Incorporates specially designed motor driven axial fan and a brush roller with nylon bristles for specified application. This machine cleans the fluff of the clearer rollers and collects it in a specially provided chamber.

FCRC

Flock Clearer Roller Cleaning Machine



Fascination

- Equipped with metallic wire fillet & a specially designed nylon brush to clean this metallic wire fillet.
- Adjustable guide cover to clean all types of Flock Rollers.



AFCRC

Automatic Flock Clearer Roller Cleaning Machine

Fascination

FCRC with auto feeding vibro unit.

BORO-B

Bobbin Roving End Opening Machine - Beater Type

Fascination

- Machine itself unwinds the roving from bobbins.
- Converts in fibre form so the same can be directly fed in the mixing.
- 12 bobbins storage capacity for quick unwinding & opening.
- Suitable for material like Cotton, Polyester, Blended fibre etc.





SLM

Spindle Lubricating Machine



Fascination

- 3 tanks & 4 gear pumps system.
- Specially crafted two guns. i.e.
(1) Topping gun (2) Flushing gun
- Topping gun for accurate topping of oil into the Spindle bolster with auto levelling system.
- Flushing gun for thorough flushing & cleaning.
- Dirty oil is collected in a third tank.

CAL

Cot Calendering Machine



Fascination

Machine has 3 Nos. steel rolls with 2 Nos. steel guide rolls for accurate Calendering process for Draw Frame & Comber Rolls with the help of spring loaded hinges which ensures removing of air pockets & bubbles from the cots. Controlled by electronic timer.

FCM

Flyer Cleaning Machine



Fascination

- Machine operates by compressed air only & no electricity consumption.
- Completely dry cleaning process of flyers by the application of fine grit aloxite powder.
- Blasting & sucking processes are accurately done by blast nozzle & suction nozzles respectively.
- After thorough cleaning of inner passage of flyer, aloxite powder moves towards the filtering system & gets ready for next operation thus due to recycling of aloxite powder, it ensures 100% economical process.

SCD

Spindle Centering Device



Fascination

- Electronics Spindle Centering Device facilitates precise centering of spindle with respect to ring.
- The machine works on mains or rechargeable battery & ensures accuracy to the tune of 0.025 mm with the help of LED.
- Thus this machine helps in reducing peak tensions, end breakages, premature wear of ring & travellers and truly worth machine for your best Spinning.

LET US SPIN WITH



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