

Autotex Bobbin Holding System

Tested and Trusted. Globally.

Bobbin Holders | Haengehalter | Spulenhalter | Porta Bobbina | ボビンホルダー | 粗紗吊錠





AUTOTEX



Once again
One more
Crowning Glory

AUTOTEX
The Best Quality
certified by
RIETER 

Our Sincere Thanks to Rieter - Motivating us to move towards Excellence.



AUTOTEX - The World's Largest Selling Bobbin Holding System

VALUE OF ENTERPRISE

Autotex has been serving to the textile industry for more than three decades and has grown to be one of the leading textile machinery component suppliers in India and Overseas. The company was set up with the express intention of manufacturing quality Plastic engineering parts to serve the Automobile, Engineering and Textile industry. An endeavor paved the way for manufacturing of Bobbin Holders and other textile machinery accessories.

Our quest for quality starts from design and ends at customer point through stringent in-house quality measures. This has made us one of the leading OEM supplier to quality conscious textile machinery manufacturers the world over. We strive for harmonical relationship with our customers by way of prompt delivery and excellent quality.

Our objective for Research and Development is always :

Simple but Reliable

Superior in Quality but Affordable

Technologically advanced but user friendly

This forms the basis for a highly structured activity at Autotex to develop and produce superior products. Our responsibility does not end with just supply of products, we strongly believe in after sales service - a key area contributing towards total customer satisfaction.

Being first comes to us naturally

- First in India to introduce Design Patented Bobbin Holder with advanced ratchet mechanism.
- First and only Indian company crowned for World Largest Installed Bobbin Holders.
- First in the world to invent a Bobbin Holder with the patented Multi Brake System
- First in the world to introduce the Bobbin Holder with the Patented Four Point Holding System.
- First in the world to invent a Bobbin Holder with the patented Four Point holding and suspension System.
- First in the world to invent a Bobbin locking System in Bobbin Holders.
- First to invent the new suspension concept for Bobbin Holders used for Auto doffing in Speed Frames.
- First to invent the new concept with lamellen sleeves in clearer rollers.

MILESTONES...

- 1988 ■ Inception of the state of art Powder Coating - Auto Coats.
- 1992 ■ An endeavor paved way for manufacturing Bobbin Holders - Autotex.
- 1993 ■ Global Supplier of Bobbin Holders to Rieter, Switzerland.
- 1994 ■ Associated with Lakshmi Machine Works, India for supplying Bobbin Holders.
- 1995 ■ Autotex in association with Indo - Swiss joint venture Rieter - LMW, India.
- 1996 ■ Saurer - Zinser, German textile machinery manufacture associated with Autotex.
- 1997 ■ Toyoda textile machinery, Japan has highlighted Autotex as their business partner.
- 1999 ■ Marzoli SpA, Italy started sourcing Autotex Bobbin Holders.
- 2001 ■ Diversification to Consumable goods by manufacturing Mosquito Repellent - GoodLuck.
- 2002 ■ Certified for ISO 9001:2000 Quality Management System.
- 2003 ■ Autotex installed Wind Farm to produce renewable Green energy.
- 2004 ■ Invented and Patented Multi Brake System - MBS in Bobbin Holders.
- 2005 ■ Ventured into manufacturing of Yarn carriers / Sliver cans / Mechanical Fluff Collectors.
- 2006 ■ Awarded for excellence in consequent export from the year 2001.
- 2007 ■ Awarded for Research and Development for the innovation of Patented MBS Bobbin Holder.
- 2008 ■ Top Automobile MNC are catered by Autocoats with advanced CED Painting.
- 2010 ■ Ventured into manufacturing of Patented Poultry equipments.
- 2013 ■ Celebrated the Silver Jubilee year of Autotex Group.
- 2014 ■ Invented the world first Patented Bobbin Holder 4 Point Holding with Suspension System - 4PH-S.
- 2015 ■ Global Leader - Rieter awarded Autotex for Best Quality and elevated as Reliable Global Supplier
- 2016 ■ Invented the patented Bobbin Locking System (BLS) in Bobbin Holders.
- 2017 ■ Invented the new patented suspension concept for Bobbin holders used for Auto doffing in Speed Frames.
- 2017 ■ Once again the Golbal Leader- Rieter awarded Autotex 'The best quality' award.
- 2017 ■ Invented the new patented concept with Lamellen sleeves in clearer rollers.
- 2017 ■ Invented E-Gun / EFS for Easy Fix Spindle.
- 2023 ■ History has been made 100 Million Bobbin Holders. 03

AUTOTEX BOBBIN HOLDERS

The Global Quality

Years of valuable experience backed by technological excellence and product innovation had made Autotex the largest Bobbin Holder manufacturer in the world, Autotex offers a comprehensive range of bobbin holders for various spinning purposes. Autotex Bobbin Holders are tested and trusted with the assurance of durability and endurance.



Cotton Spinning | Synthetic Spinning | Worsted Spinning | Reserve Bobbin Holders

Features

- Fully Closed type Bobbin Holder with components made of special anti-static nature material to protect against entry of fluff.
- The patented ratchet mechanism ensures a superior performance and proven for a reliable, trouble free longer duration of life.
- The bearing mechanism is provided with the spherically centered principle for a smooth, precise and consistent unwinding of roving.
- Advanced Internal braking system adopts the special spherically centering principle for an effective brake for a précised rotation.
- The Bobbin Holder parts are made from polymers, specially formulated for Autotex by the world's leading polymer manufacturer.

Autotex Bobbin Holder in Rieter Ring Spinning Machine





Autotex Bobbin Holder in Saurer Worsted Spinning Machine

Spherical bearing system

The bearing system is of a spherically centered design with special grade stainless steel balls, raceways made of specially formulated bearing grade material.

This helps in self lubrication for smooth rotation and considerable improvement in performance and durability of the bearing for maintenance free operation.

Ratchet mechanism

The versatile ratchet mechanism provides a reliable operation for a longer period of time. Easy to operate in comparison with other mechanisms.

It ensure positive doffing and donning of bobbins. The force applied during that action does not effect the bearing system.

Internal brake system

The internal brake mechanism adopts spherically centered principle. This brake system allows neither creel over run nor stretch and runs precisely during all stages of the bobbin. This ensures a smooth and consistent rotation of bobbin from the beginning to end.

The ratchet mechanism is successfully tested for 1,00,000 strokes which is more than 20 years of life in normal working condition.

Autotex Bobbin Holder in Toyota Ring Spinning Machine



AUTOTEX MBS - BOBBIN HOLDER

Flexibility makes possibility

Any Material | Any Count | Any Hank

Any Roving Weight | Any Spindle Speed | Any Ring Frame

One Bobbin Holder - Autotex MBS

Multi Brake System[®] | MBS Bobbin Holder | Patented

Most of the spinning mills need to process various materials like cotton, synthetic, worsted and other blends of various hank and counts. The roving tension is also required to be provided accordingly. To fulfill this requirement, Autotex has invented a Bobbin Holder with Multi Brake System - MBS. In this Bobbin Holder the brake force can be selected as per the required processing parameters by a simple selection method.



Pull down the Cap gently



Turn for required stage



Release the Cap to locate

Winning benefits of Autotex - MBS

- Multi Brake System offers a high operational reliability and flexibility in usage with all spinning frames.
- Simplified selection system helps to change the required brake force for various process parameters.
- Provided with four stages to select the appropriate Brake force as per processing requirements.
- The required stages can be selected as per the processing parameters without stopping the machine.
- Each stage is identified with a high visibility of different colours for easy confirmation of required stage.

Patented

Award Winner for Innovation

Flexibility makes possibility

Brake force stages	Application
1	Special
2	Finer
3	Medium
4	Coarser
5	Extra Coarser



4PHS & 4PH - BOBBIN HOLDER

Invented For Performance

Auto Creeling System | Bobbin Transporting System
Auto Bobbin Cleaning System | Speed Frame Auto Doffing System

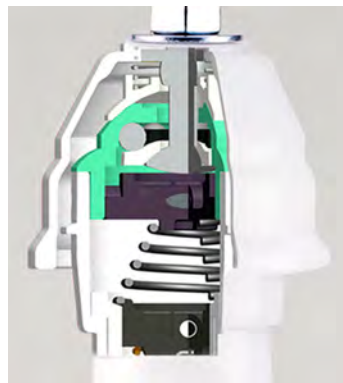
Bobbin Holding Solution - Autotex 4PH-S / 4PH

Four Point Holding System[®] | 4PH-S / 4PH Bobbin Holder | Patented

The new invention is intended to provide a Bobbin Holder for a stable holding and more a sophistication in loading and unloading of the roving bobbins and also to avoid the impact load to the creel structure. This featured Bobbin Holder of 4 Point Holding with Suspension System is suitable for any make of Bobbin Transportation System.



Patented



Inbuilt Suspension



Four Point Holding



For a Stable Holding

New Four Point Holding with Suspension System - 4PHS

- Four point holding system provides a stable holding of the bobbin to ensures a uniform delivery of roving.
- Suitable for wide range of roving bobbins with various inner profiles of international OEM requirements.
- A Stable holding is ensured by Four point holding even for the bobbins having damages at inner bore.
- Suspension system absorbs shock and prevents the track damages during manual / mechanical operation.
- Flexible to fit for all profiles of tracks manufactured by the leading OEM's worldwide.

The Worlds first innovative Patented
Multi Brake System in Bobbin Holder and
Patented Futuristic **4 Point Holding with
Suspension System** in Bobbin Holder



AUTOTEX BLS - BOBBIN HOLDER

Innovative Solution

Avoids bobbin tilting | Stable holding | Avoids bobbin lifting
Reduces bobbin replacement cycle | Uniform roving delivery

A system to hold and Lock the bobbin - **Autotex BLS**

Bobbin Locking System[®] | BLS Bobbin Holder | Patented

The new invention is intended to provide solution to lock the bobbin with bobbin holder to provide the stable holding. The locking system avoids tilting and lifting of roving bobbin during transporting of bobbins. This featured locking system ensures to avoid bobbin falling and uniform delivery of roving.



Innovative solution of Autotex - BLS

- Bobbin locking system avoids tilting of bobbin.
- Bobbin holder and bobbin is become as a single part.
- Provide a stable holding of bobbin.
- Sturdy structure avoids breakage during handling.
- Suitable for handling in transportation system.
- Locking system avoids bobbin lifting.
- Bobbin falling can be avoided.
- Bore damaged bobbins can be utilized.
- Replacement cycle of bobbins can be reduced
- Ensure uniform delivery of roving.



BTS - BOBBIN HOLDER

Reliable and Durable



Bobbin Holders for Bobbin Transportation System

Bobbin Handling is certainly the one area in Spinning Mill where investments in automation are more easily justified.

Autotex provides a special Bobbin Holder designed with sturdy and longer durability to meet the precise mechanical and electronically controlled Auto Bobbin Transportation System from Roving Frame to Auto Creeling Systems. Autotex is closely associated with the Bobbin Transportation system manufacturers worldwide..



BOBBIN HOLDERS

Tested and Trusted. Globally...



Des	BLS RT	BLS NR	4PH-S RT
SPG	■ ■	■ ■	■
RVG	■	■	■
BTS	■ ■	■ ■	■ ■

Note - ■ ■ Suitable ■ Can be used ■ Not Suitable



4PH-S NR	MBS-5	4PH RT	4PH NR
■	■ ■	■ ■	■ ■
■	■	■	■
■ ■	■	■	■

SPG - Ring Spinning | RVG - Roving Frame Auto doffing System | BTS - Bobbin Transportation System

BOBBIN HOLDERS

Tested and Trusted. Globally...



Des	STD RT	STD NR	SF-E	SF-T
SPG	■ ■	■ ■	■	■
RVG	■	■	■ ■	■ ■
BTS	■	■	■	■

Note - ■ ■ Suitable ■ Can be used ■ Not Suitable

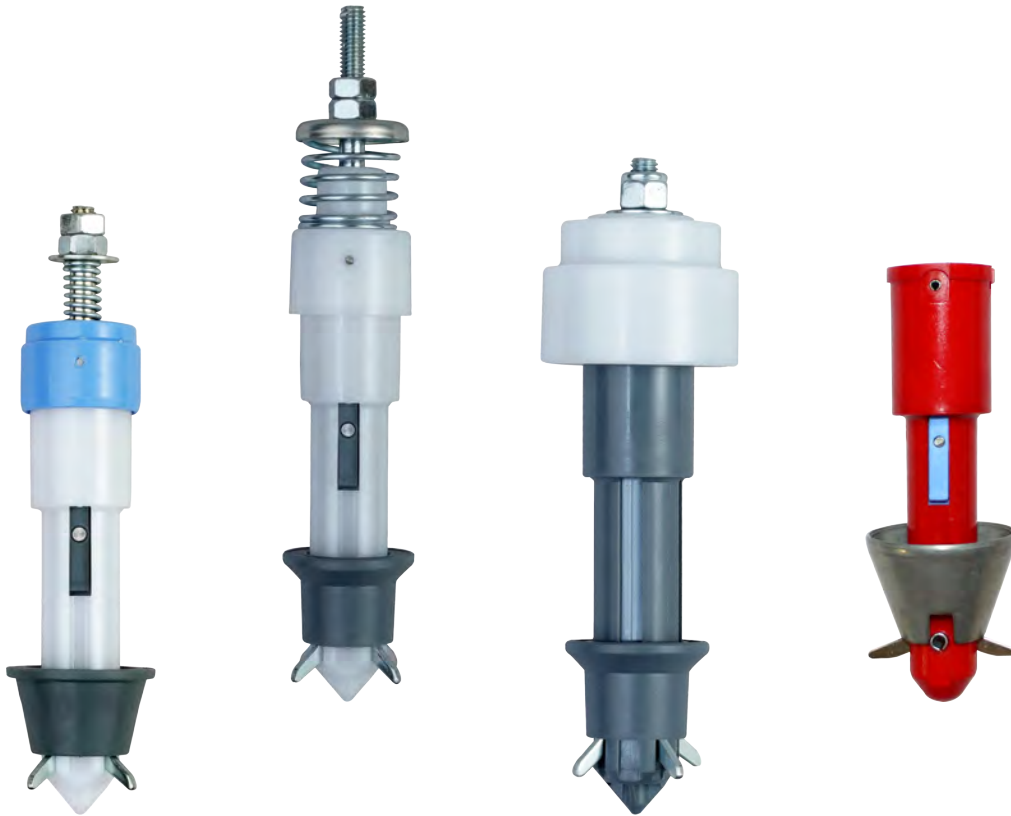


SF-K	SF-Z	SF-M
■	■	■
■ ■	■ ■	■ ■
■	■	■

SPG - Ring Spinning | RVG - Roving Frame Auto doffing System | BTS - Bobbin Transportation System

Auto Creeling System | Bobbin Transporting System
Auto Bobbin Cleaning System | Speed Frame Auto Doffing System

Proven Solution - Autotex Series



Transportation with reliability - BTS

- Suitable for precise mechanical and electrically controlled automation movements.
- Sturdy structure provides longer durability of automation system.
- The swinging mechanism holds the bobbin firmly at track inclination.
- Suitable for any tracks made by the Bobbin Transportation Systems worldwide.
- Also available in Rotating Type for Auto creeling system with required brake force.



Customized Solutions by Autotex



Specially for Speed Frame - SF

- Designed and specifically made in association with the leading Roving Frame manufacturers worldwide.
- Suitable for a wide range of Roving Bobbins made with International OEM's recommended profiles.
- Meets the precise mechanical and electronically controlled automation movements.
- Tested and trusted by OEM's globally for its peerless unique performance .



AUTOTEX FLUFF COLLECTOR

The Cleaning Solution

To make a Quality fabric

Carding | Drawing | Combing | Roving | Spinning | Winding | Weaving - Important

One thing very important in every stage is - **Cleaning**

Cleaning Made Easy!

The Faultless quality of the textile fabric depends to a great extent on the cleanliness at each and every process. Improper house keeping may lead to yarn faults up to 30% . Though blowers are supposed to prevent the accumulation of fiber fly, lint and thread waste. the fiber remain in some places may affect the quality considerably. Removing of these fibre's reduces defects in the product.

e-GUN | ***EFS***

The Best. **Again...**

Designed for success

- Easy to change spindles.
- Flexible spindles for durability.
- Saving in time and man power is assured.
- No mechanical parts, so no wear and tear.
- Designed for less manual effort to increase the cleaning efficiency.
- Light in weight, easy to operate and comfortable for handling.
- Rechargeable Li-ion Battery for an effective 10hrs backup.
- Cordless and battery operated for easy usage.



EFS **EASY FIX SPINDLES**
Change it. Use it.

AUTOTEX CLEARER ROLLER

The Cleaning Mechanism

Cleaning | Warning | Fanning | Saving

Automatically

Autotex is once again introducing an innovative Solution, creating a new revolution to the textile industry by 'Autoclean Roller'.

Effective cleaning mechanism by Autoclean roller.

- Thanks to the ergonomically designed Autoclean roller, fibers sticking to the cots are removed by pushing angularly out of the cots.
- The fanning effect created by Autoclean roller during the rotation prevents entering of micro dust and fly in fluff towards the cots zone.
- Autoclean rollers are capable to maintain the surface temperature of the cots close to the ambient temperature which avoids loose Lapping of fibers on the cots. The life of the Autoclean Roller is endurance tested and ensured for trouble free performance more than 5years.
- Designed for flexible usage in compact Ring Spinnings.



Patented

Winning Benefits of Autoclean Roller:

- Keeps away flies and dirt by maintaining ambient temperature in the rubber cots.
- Great savings in man and power cost by eliminating daily cleaning process.
- Suitable for processing materials like cotton, synthetic, dyed yarns and wool.

CLEANING IS FREE OF COST

Return of Investment is less than 10 Months
No Cleaning required for Life Time



AT AUTOTEX

Quality made by Autotex

A Strong vertical and horizontal integration has been the cornerstone of the evolution and growth of Autotex. State-of-the-Art infrastructure created for manufacturing Engineering Plastic components, Pressure die casting parts to cater various industries globally like Automotive, Engineering and Textile components. Today, each of these streams is an independent business vertical. Modules and Assemblies were forward integration of these ranges.

Our objective is to provide defect free parts that fulfill the needs of our customers with added functionality. We firmly believe in developing our products by incorporating the valuable inputs from our customers.

We have expertise in making Thermoplastic moulds, Auto unscrew moulds, Hot and Cold runner moulds, Pressure die casting moulds. Special high quality imported steel from global quality vendors are used to manufacture our moulds and dies. Stringent quality control methods followed in Autotex to meet the global quality requirements.

Our in house fully automated Zinc Electroplating plant is capable to provide surface finish for various engineering components. Fully equipped testing laboratory ensures on line quality control at each and every stage of the process closely.

Autotex aims at giving its customer a complete satisfaction by achieving their requirements at the right time with right quality. Autotex handles all aspects, right from the specification given by the customer from design/analysis and complete product realization and testing, making us an one stop solution for all our customers end requirement.



OUR VALUABLE OEM CUSTOMERS

RIETER

SAURER.
Schlafhorst

TOYOTA

LMW

IST
ATM

Bräcker

MARZOLI

ELECTRO-JET

SOHLER
NEUEN-HAUSER

SCHÖNENBERGER

trascar
AUTOMATION AND LOGISTICS

DAIMLER

SCANIA

VOLVO

TVS

ASHOK LEYLAND

ROYAL ENFIELD

GILBARCO VEEDER-ROOT

CRI

ELGI

Bonfiglioli

SIGMA

rotork

LGB

ROOTS

TAFE

Craftsman
AUTOMATION

MAHENDRA PUMPS
Performance. Value. Trust

EURO SHATAL

Kirloskar

Our Sincere Thanks to Global Leaders for accompanying us to Strengthen Our Standards

Welcome to Autotex

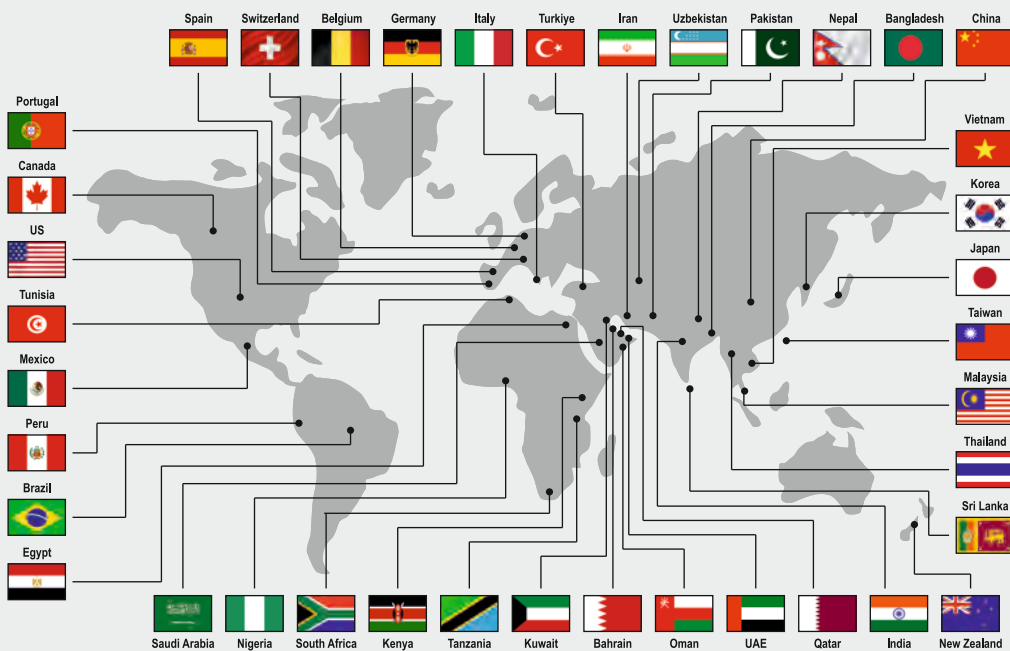
Try our products - Trying is ensuring
See the difference - Seeing is believing



Autotex wind farm at Karnataka - India

We are not far away

Our Global Network



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Autotex quality management system complies with the requirements of ISO 9001 : 2008

APPENDIX TO THIS BROCHURE

We reserve the right of altering and improving one or more features of our products previously described at any time without any notice.

Autotex system and innovations are protected by patents and applications.

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