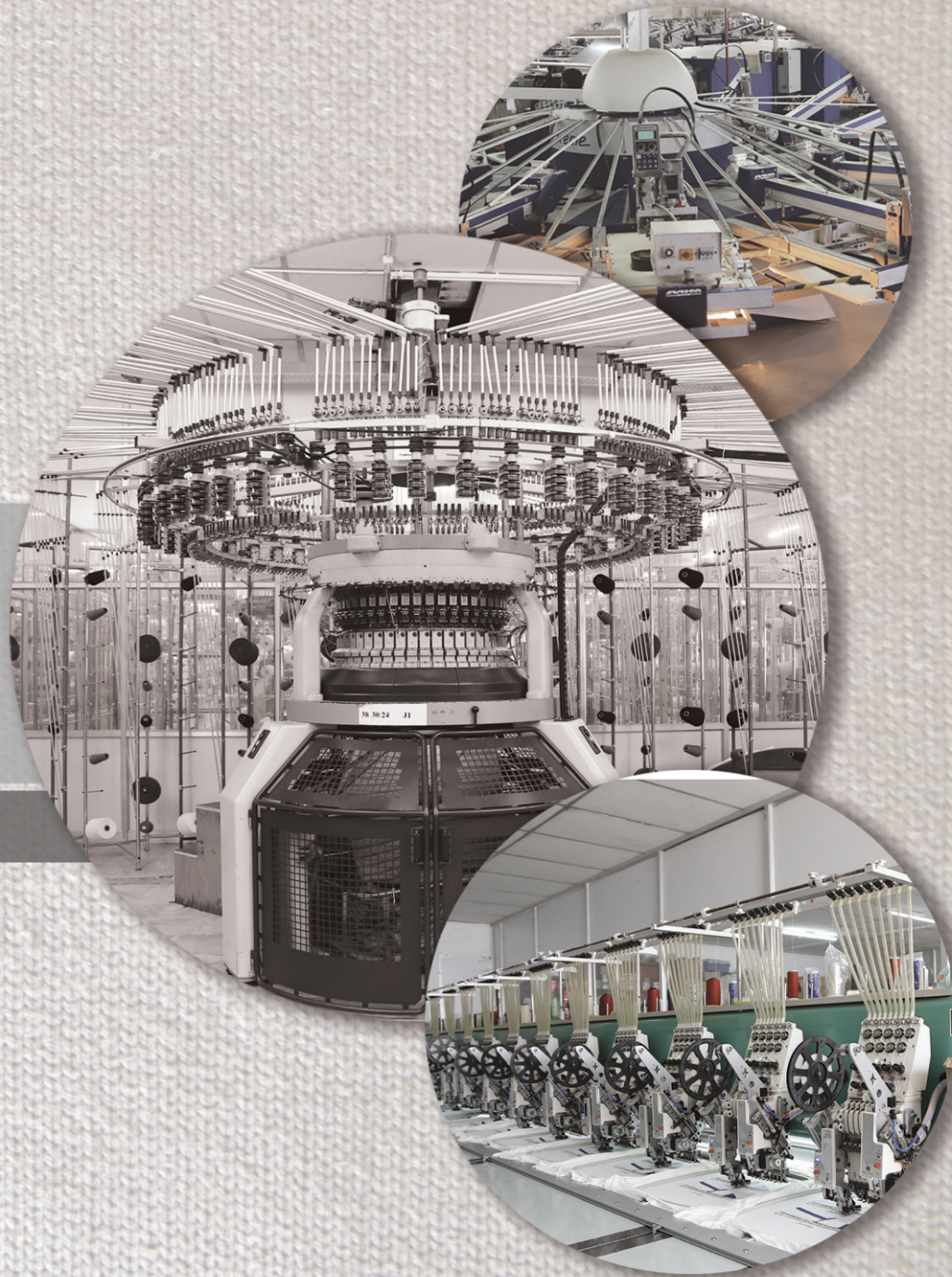


AKR

TEXTILE INC

MANUFACTURES OF YARN, FABRIC AND GARMENTS



01

HISTORY OF OUR JOURNEY

AKR
TEXTILE

ABOUT US

With deep rooted experience in different verticals of textile, 1995 is the year of global modern textile boom when 'ARK Textile' was born. After crossing 23 years of successful journey AKR is proud to say that it is one of the largest exporter of knitted garments from India and it houses one of the Asia's biggest yarn and fabric dyeing factory, one of the Asia's largest fleece production unit and capable of producing 50 million garments per year.

226 YEARS OF LONG JOURNEY....STILL MARCHING WITH MORE INNOVATIVE APPROACH...

Our company AKR textile located in the Knitting textile hub of the world "Tirupur" in India, a city located near to Coimbatore (Manchester of South India) known for massive textile mills and one of the world leader in the field of textiles. Our Journey started in 1790's as a small cotton farmer when court of directors of East India Company in London revised their policy to increase raw material (cotton) import from India to increase finished textile goods from Britain. We started cultivating indigenous Arboretum and Herbaceous varieties of cotton to supply Lancashire textile industry, London. In early 1800's Madras province introduced Bourbon variety with subsequent trials with New Orleans and Sea Island in Coimbatore, we started doing contract farming for supplying cotton to East India Company, then during world war-I we were cultivating better variety Co 2 (Combodia Cottons).

With the strong farming experience of different varieties of cotton we entered in to small finished cotton materials retailing after world war-II, with very wide knowledge in the field of textile we first started small garment manufacturing unit in early 1980's. Based on global requirements and advancement in the field of textile "AKR Textile Company" was started in 1995 with art of modern textile machinery to cater global needs.

HISTORY OF OUR JOURNEY...

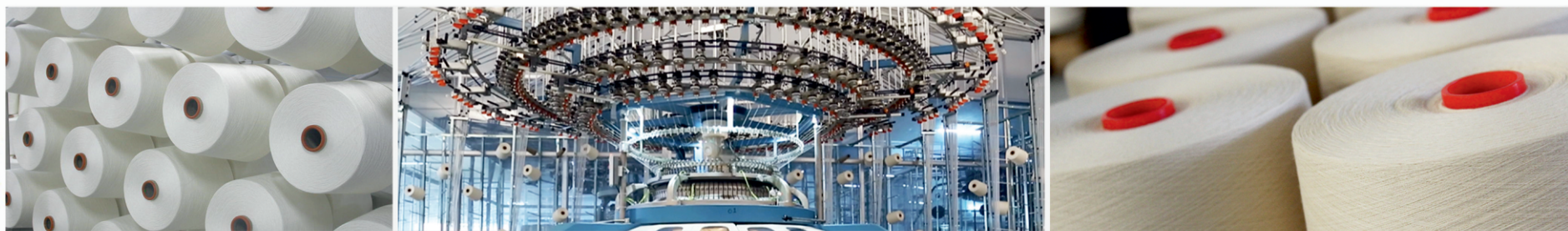
AKR Textile Inc, USA a direct subsidiary of AKR Textile, India owns and operates vertically- integrated, large-scale manufacturing facilities which are primarily located in Asia, and Europe, and are strategically positioned to efficiently service the quick replenishment needs of its customers in the print wear and retail markets. AKR has over 11,000 employees worldwide and is committed to industry leading labor and environmental practices at all of its facilities

SPINNING

Spinning is a major part of the textile industry. AKR mills and its certified third-party mills has five spinning units having more than 230,000 spindles and 7000 rotors equipped with machines imported from UK, USA, Germany, Japan and China. These units are capable of producing a wide range of yarn from 100% cotton to poly cotton, poly viscose, slub yarn, siro yarn and core yarn. They have the capacity to produce 220 tons per day of average yarn count in 100% cotton. It is part of the textile manufacturing process where three types of fibre are converted into yarn, then fabrics. AKR commenced operations with the manufacture of grey, gassed, mercerized and dyed cotton yarn.

We also manufacture wide range of specialty yarns like Modal Yarn / Micro Modal Yarn / Tencel Yarn / Micro Tencel yarn (Ne) – 30s to 100s, and Cotton Blended yarns with Modal / Micro Modal / Tencel / Micro Tencel.

PRODUCTION CAPACITY - **60** MILLION PIECES PER YEAR



TOTAL PRODUCTION FACILITY - 1 MILLION SQUARE FEET

02

CAPACITY

Machinery Overview

Ring

Zinser C 351 (Germany)
32,352 Spindles

Suessen Elite (Germany)
15,600 Spindles

Shanghai EJM-168, EJM-128, FA 507, FA 507A
82,344 Spindles

Drawing

Zinser C 351 (Germany)
32,352 Spindles

Suessen Elite (Germany)
15,600 Spindles

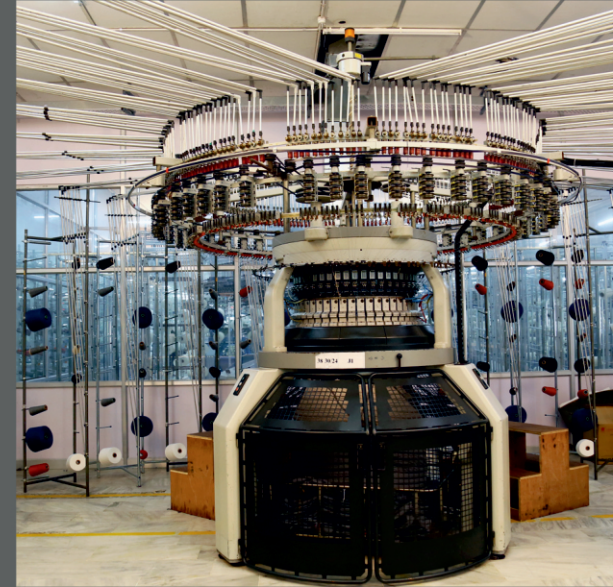
Shanghai EJM-168, EJM-128, FA 507, FA 507A
82,344 Spindles

Autocone

Zinser C 351 (Germany)
32,352 Spindles

Suessen Elite (Germany)
15,600 Spindles

Shanghai EJM-168, EJM-128, FA 507, FA 507A
82,344 Spindles



SPINNING

Carding

Truetzschler TC 11 (Germany)
Crosol Mark 5 D (UK)
Card FA 225

Comber

Rieter E62 (Switzerland)
Rieter E 7/6 (Switzerland)

Yarn Conditioning Machine

Xorella (Switzerland)
Pozzi (Italy)

Blow Room

Crosol with Loptex Sonic System (UK)
Truetzschler contamination sorter Securoprop SP – FPU (Germany)



WEAVING

AKR weaving is specialized in the design and development of knitted, woven and performance fabric. We have the most advanced Air Jet weaving production facilities, having a production capacity of approximately 200,000 meters per day. The facility is operated by skilled workers under the supervision of highly qualified professionals. The setup has 600 modern weaving machines supported by cutting-edge back process machines.

SEE MACHINERY OVERVIEW

WARPING MACHINE

- Benninger Sectional Warping (Switzerland)
- Benninger Ben-Direct Warping Computerized (Switzerland)
- Tsudakoma Warping TW10S (Japan)

SIZING MACHINE

- Zel-Benninger Computerized Ben Size Tech (Switzerland)
- Tsudakoma TTS20S Sizing (Japan)

W
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SAMPLING MACHINES

- CCI SW 550 Winding Machine (China)
- CCI Single end sizing (China)
- CCI Sample Weaving Machine Dobby (China)

WARP TYING MACHINE

- Warp Tying Staubli
- Fischer Warp Tying
- Exacta
- Fischer

PREPARATORY MACHINERY

- Staubli Delta-110 Drawing Machine
- Staubli Leasing Machine

REED CLEANING MACHINE

- Spalleck Reed Cleaning Machine
- SKR Ultrasonic Reed Cleaning Machine

OIL CLEANING MACHINE

- Thermostat Yarn Conditioning
- Truetzschler contamination sorter Securoprop SP – FPU

YARN CONDITIONING

- Xorella Kleen oil micro filtration machine

REWINDING

- Murataa
- Mach coner

LOOMS

- Ruti Looms – 150 CM
- Picanol Omni 800 Air Jet Looms – 190 CM
- Tsudakoma Zax Air Jet Looms – 280 CM
- Tsudakoma 9100 Dobby Air Jet Looms – 280 CM
- Tsudakoma 9100 Dobby Air Jet Looms – 340 CM
- Tsudakoma 9100 Tappet Air Jet Looms – 340 CM
- Tsudakoma 9100 Dobby Air Jet Looms – 210 CM
- Tsudakoma 9100 Tappet Air Jet Looms – 210 CM
- Tsudakoma 9100 Tappet Air Jet Looms – 210 CM
- Tsudakoma 9100 Air Jet Looms – 280 CM
- Picanol Rapier Looms – 300 CM
- Tsudakoma Zax Dobby Air Jet Looms – 340 CM
- Tsudakoma Zax Tappet Air Jet Looms – 340 CM
- Tsudakoma 9100 Air Jet Looms – 340 CM

WEAVING

YARN DYEING

AKR's dyeing unit is one of the largest in Asia, and it is one the highly automated section of AKR's vertical production unit. For having consistency in color mixing automated mixture is used to deliver uniform color pigments, and we are specialized in both yarn and fabric dyeing..

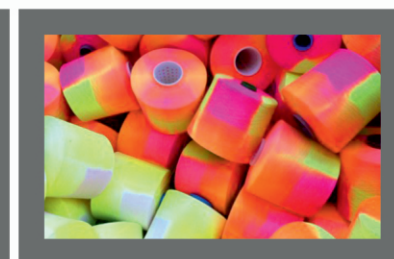
SEE MACHINERY OVERVIEW

PRODUCTION

- Singing & Reeling & Hank to Cone, Rite S.P.A (Italy)
- Soft winding & Rewinding, Rite S.P.A (Italy)
- Soft winding, Corghi (Italy)
- Soft winding, Fadis S.P.A (Italy)
- Rewinding, Suzhou Xinsanfang (China)
- Mercerizing, Jaeggli Meccanotessile (Italy)
- Mercerizing, Rite S.p.A (Italy)
- Hank Dyeing, Loris Bellini (Italy)
- Package Dyeing (Cone Dyeing), Loris Bellini (Italy)
- Rapid Dryer, Loris Bellini (Italy)
- Radio Frequency Dryer, Stalam (Italy)
- Sampling Machine, Ugollini (Italy)
- Color Matching System, Data Color (USA)
- Auto Dosing System (Chemical / Dyes), Sate (Italy)

LABORATORY/ QUALITY CONTROL

- Yarn Friction Tester, Mesdan (Italy)
- Yarn Twist Tester Machine, Mesdan (Italy)
- Crocking Machine, Mesdan (Italy)
- Lab Dips Dryer, Mesdan (Italy)
- Panel Machine/ Socks Machine, Mesdan (Italy)
- Hank Machine, Mesdan (Italy)
- Lab Dips Machine, Data Color (USA)
- Lab Dips Conditioner Machine, Data Color (USA)
- Spectro photometer, Data Color (USA)
- Auto Lab Dispensing / Solution Maker Machine, Data Color (USA)
- Multi precise Sample cone Dyeing Machine, Data Color (USA)
- Light Box, Data Color (USA)



PROCESSING

AKR's processing section involves many different types of highly automated modern machines like printing, dyeing, pretreatment, and finishing. We have a massive processing unit and also one of the biggest in India to accommodate any type of big customers globally.

SEE MACHINERY OVERVIEW

PRE TREATMENT

- Osthof (Germany)
- Menzil (Germany)
- Goller (Germany)
- Kuster (Germany)

LABORATORY

- Monforts (Germany)
- Goller (Germany)
- Benninger (Switzerland)
- Kuster (Germany)

P R O C E S S I N G



PROCESSING

PRINTING

- Stork (Holland)
- Reggiani (Italy)
- Ichinose (Japan)

FINISHING

- Monforts (Germany)
- Arioli Tung Yung (Italy)
- Krantz (Taiwan)
- Ramesh (Germany)



P R O C E S S I N G



DESIGNING & PATTERN MAKING

AKR with its 320 exclusive and most innovative design engineering team is the biggest strength in our portfolio. Capturing the imagination of the audience requires having a creative approach coupled with a thoughtful insight.

AKR's design studios are staffed with experienced artists who have the capability to conceive the most creative concepts in design. Artists adapt different color ways to meet the specifications of each individual country. European and US designers working for the company continuously develop new designs for specific geographical areas. The designing team visits major international exhibitions throughout the year to stay up-to-date with the current market trends. The use of the latest CAD/CAM systems and the most sophisticated laser and wax jet engraving technologies are examples of the company's dedication to computerization in all aspects of design detail and reproduction.



STITCHING

AKR's stitching unit houses one of most advanced machines with more than 5000 skilled work force and there are various process involves under stitching

SEE MACHINERY OVERVIEW

CUTTING MACHINES

- Diamond Machine (Nagle Harmin)
- Cutting Machines (Hauser / Gerber / KM / Mini Roller / Philips Sprider / Qili / Eastman)
- Tape Cutter (Local)
- Slicer (Myteck)
- Cropping Machine (Bella)

BUTTONS MACHINES

- Kaj Machines (Juki / Golden Wheel / Chinki)
- Button Machine (Juki / Golden Wheel / Chinki)
- Stud Button Machine (Automatic Giuzhou (China) / Manual (Local))



LOCK STITCHING MACHINES

- Single Needles Manual (Juki / Golden Wheel / Shingong / Singer / Brother)
- Single Needles Auto (Juki / Golden Wheel)
- Two Needle Machines (Juki / Golden Wheel / Brother / Gepsew)
- Bartack Machine (Juki / Chinki)

CHAIN STITCHING MACHINES

- Safety Machines (Juki / Golden Wheel / Pegasus / Brother)
- Blind Stitch Machines (Juki / Treasure / Precious / Tony)
- Chainstitch 12 needle (Kansai / Golden Wheel / Vario-Matic / Siruba)
- Chainstitch 25 needle (Vario-Matic)
- Chainstitch 33 needle (Gepsew)

EMBROIDERY MACHINES

- Embroidery Machines (Tajima / Bordan)
- Zig Zag Machines (Juki / Brother)
- Saddle Stitching Machine (Juki)
- Picoting Machine (Barrato)

SMART M.R.T QUICK TRACK

- Hanging System (Swissttrack / Quick Track MRT Smart)

QUILTING MACHINES

- Quilting Single Head (Delta / Kaybematic)
- Quilting Multineedle (Mecca / Grabitz / Donyoung)

METAL DETECTOR MACHINES

- Metal Detector (Aolite / Hashima)

SHRINK WRAP MACHINES

- Shrink Wrap Machine (3M Matic SMI Pack / Tayi Yeh)

COMPRESS MACHINES

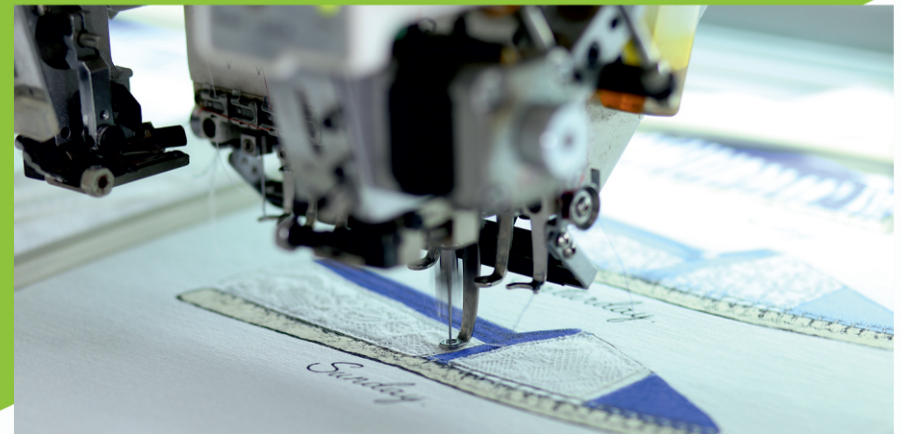
- Compress Machine (Sala)

PACKING MACHINES COMFORTERS

- Comforter Packing Machine (Kaybematic)

EMBOSSING MACHINE

- Embossing Machine (Lazzer)



02

CAPACITY

QUALITY CONTROL

AKR's Quality control division is one of the key division which involves more stringent and toughest quality check for meeting customer's quality level requirements. In the field of textiles, the processing laboratory plays a key role so AKR's yarn and finished fabric has to pass different types of quality check before it goes to final approval. It serves as the foundation for producing a quality product.

AKR has one of the best textile laboratories equipped with state-of-the-art technology and staffed with highly qualified personnel. It has the capability to cover a wide range of operations from the testing of raw materials to the evaluation of finished products, according to customer specifications. As a part of quality control for online checking, the processing laboratory is well prepared to control and support the processing unit at every stage of production. For continuous improvement in the quality of the end product, research and development is also carried out in the laboratory.

Q U A L I T Y C O N T R O L



WE ARE EASY TO REACH AND WE STRIVE TO RESPOND WITHIN 24 HOURS, OFTEN LESS.



AKR

SA 8000 - 2001 CERTIFICATION BY RINA SPA
ISO 9001 ISO 14001

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