

SPIN PROMINENT



## GHCL TEXTILES LIMITED

GHCL Textiles Limited stands as a benchmark of excellence in India's spinning industry, combining scale, technological sophistication, and sustainable manufacturing practices. Established in 2002 as the spinning division of GHCL Limited and subsequently demerged as GHCL Textiles Limited effective April 1, 2023, the company has built a formidable presence rooted in operational discipline, customer-centricity, and continuous modernization. Operating two state-of-the-art spinning units at Paravai and Manaparai in

# A LEGACY OF SPINNING THE FINEST YARNS



Tamil Nadu, GHCL Textiles Limited has steadily expanded its manufacturing footprint through a well-calibrated growth strategy. Beginning with an initial capacity of 65,000 ring spindles in 2002, the mill has progressively scaled operations over two decades to reach a current installed capacity of 225,000 ring spindles, 3,320 rotors, 480 Vortex positions, and 5,760 TFO spindles. The expansion reflects GHCL's long-term vision of capacity addition aligned with technological advancement and superior cotton mixing capabilities.

The mill's manufacturing infrastructure is powered by excellent machinery sourced from globally renowned suppliers such as Rieter, LMW, Truetzschler, Schlafhorst, Savio, Murata, Uster, SSM, and KTTM, ensuring consistent quality, efficiency, and process control. GHCL specializes in the production of 100% cotton, synthetic and synthetic blend yarns, with a strong focus on finer counts and a wide product range tailored to meet the exacting requirements of premium apparel and textile brands.

Sustainability is deeply embedded in GHCL Textiles Limited's operational philosophy. More than 75% of the total energy consumption across its spinning operations is met through renewable energy sources. Apart from, 25.2 MW wind turbines that operates in three different locations (Sankaneri, Dharapuram & Kayathar), the mill has installed 10.0 MW of rooftop solar capacity at Paravai and Manaparai, a 20 MW ground-mounted solar plant at Thataiyankarpetai (Trichy district), 10 MW ground-mounted solar plant at Ottapidaram, Tuticorin and is commissioning an additional 10 MW solar facility at Atcharapakkam, Esur Village, Chengalpattu district - underscoring its commitment to responsible and future-ready manufacturing.

Renowned for operational excellence, GHCL Textiles Limited consistently ranks first in SIMA surveys and has received the CII-Southern Region 5S Excellence Award under the Best Workplace Management category. The mill is also certified under ISO 9001:2015 (QMS), ISO 14001:2015 (EMS), and ISO 45001:2018 (OH&S), reflecting its integrated approach to quality, environmental stewardship, and employee safety. With a strong manufacturing base, robust logistics, and technical support, GHCL Textiles Limited serves leading global and domestic brands including Raymond, Tessitura Monti, Grasim, Arvind, H&M, C&A and many regional brands. Guided by core values of trust, innovation, and shared prosperity, GHCL continues to strengthen its position as a technology-driven, sustainable, and future-focused leader in the spinning sector.

**Spindleage Capacity**

2,25,000

**Rotor Capacity**

3,320

**TFO Spindles**

5,760

**Yarn Production Capacity**

3,900 MT/Month



Management



**Mr. Marshal R. Sonavane**  
Chief Executive Officer

Mr. Marshal R. Sonavane leads GHCL Textiles Limited as its Chief Executive Officer, driving the company’s strategic vision and operational excellence with a strong focus on innovation, scalability, and sustained market leadership. Under his leadership, GHCL Textiles continues to strengthen its competitive positioning through disciplined execution, technology-led growth, and customer-centric initiatives. With over 14 years of experience spanning the textile, chemical, and consulting sectors, Mr. Sonavane has built a proven track record in business scaling, P&L management, corporate strategy, and operational excellence. He is known for his collaborative leadership style, fostering high-performing teams, and mentoring talent to drive organizational success.

Before joining GHCL Textiles, he served as Chief Strategy Officer at GHCL Limited and worked with reputed organizations such as Arvind Limited, YCP Auctus, and Accenture Management Consulting, gaining deep insights into strategy and operational best practices. Mr. Sonavane holds an engineering degree from BITS Pilani and an MBA from XLRI Jamshedpur. He was also recognized among The Economic Times’ Young Leaders in 2018, reflecting his leadership potential and impact in industry circles.

**Production Process**

GHCL Textiles Limited follows a meticulously designed production process that begins with the procurement of superior-quality cotton. A dedicated team of experienced professionals regularly visits cotton-growing regions to source raw material directly from selective ginners, ensuring only the finest fibres are chosen.

The mill exclusively uses ‘A’ grade cotton for all its spinning units, sourced from international locations such as Egypt, the U.S.A., West Africa, and Australia, along with high-quality local cotton from crop-rich Indian states including Andhra Pradesh, Gujarat, Madhya Pradesh, Maharashtra, Karnataka, and Tamil Nadu.

The focus during procurement is not only on fiber quality but also on minimizing contaminants, thereby guaranteeing consistency and reliability in the final product. The selection process of the mill is rigorous and

hands-on. The in-house team carefully inspects and evaluates each cotton batch to maintain uniformity and adherence to global quality standards.

Once procured, the raw cotton is stored in well-maintained warehouses located within the plant premises. The warehouses have the capacity to stock

up to six months’ supply of cotton bales, ensuring uninterrupted production even during seasonal fluctuations or supply challenges. In addition to raw material storage, dedicated space is also maintained for finished yarn, enabling efficient inventory management and quick dispatch to customers.



### Product Range

GHCL Textiles Limited produces a wide spectrum of high-quality yarns catering to diverse applications in weaving and knitting. The division operates with a current production capacity of 3,900 MT per month, delivering consistent quality across cotton, blended, and synthetic yarns.

Yarn Type	Range	Application	
Open End Yarns	100% Cotton (Indian, Contamination Free and CmiA Cottons)	Ne 16s to 32s	Weaving & Knitting
Ring Spun Cotton Yarns	100% Indian Combed Compact	Ne 30s to 60s	Knitting & Weaving including High End Yarn Dyed Shirting
	100% Giza & Giza Blend Combed Compact	Ne 40s to 100s	
	100% Contamination Free (Australian) Combed Compact	Ne 30s to 74s	
	100% Supima Combed Compact	Ne 60s to 160s	
TFO Yarns	100% Cotton Yarns from Indian, Giza, Australian & Supima Cotton	Ne 2/30s to 2/160s	Knitting & Weaving including High End Yarn Dyed Shirting
Vortex Yarns	100% Viscose Vortex	21s, 30s, 32s and 40s	Weaving & Knitting
	Cotton/Modal Vortex	21s, 30s, 32s and 40s	
	Poly/Cotton Vortex	21s, 30s, 32s and 40s	
Synthetic & Synthetic Blend Ring Spun Yarns	Polyester Cotton Yarns	Ne 30s to 62s in Blends 52/48, 65/35 & 75/25 (includes Sustainable Rpet)	Weaving & Knitting
	Combed and Carded Yarns	2/80s PC	
	Polyester Viscose Yarns	Ne 30s to 60s in 65/35 & 75/25 blend	
	Cotton Poly Yarns including SIRO	Ne 30s to 50s in 60/40, 80/20 & 90/10 Blend (CVC)	
	100% Viscose Yarns	Ne 30s to 60s	
	100% Micro Modal & Tencel Yarns including SIRO	Ne 30s to 80s	
	Cotton Modal Yarns	Ne 30s to 80s in blend 60/40	
	Supima Tencel & Supima Modal Yarns	Ne 24s to 100s	
	Polyester Modal Yarns	Ne 30s to 80s in blend 52/48	
Polyester Cotton Slub Yarns	Ne 30s to 60s (Brand: Fanta & Nokia)		



**Machinery Infrastructure**

A well-established infrastructure forms the backbone of GHCL Textiles Limited. The mill operates with state-of-the-art machinery that enables streamlined, efficient, and precise production processes, ensuring the consistent delivery of high-quality yarns. GHCL procures its machinery from world-renowned manufacturers such as LMW, Truetzschler, Rieter, Marzoli, Murata, and Savio among others.

**Machinery Maintenance**

GHCL Textiles Limited places significant emphasis on machinery maintenance to ensure uninterrupted production and consistent yarn quality. The mill relies on a dedicated in-house team of skilled technical professionals, each an expert in their respective areas of operation, to oversee the entire manufacturing process. Maintenance activities are carried out through a preventive maintenance program, strictly following the guidelines recommended by the machinery manufacturers.

All machines are monitored 24 hours a day to detect deviations early, and regular machinery audits are conducted to ensure process efficiency and adherence to Total Productive Maintenance (TPM) standards. To continuously enhance technical skills, GHCL conducts in-house training programs and also sends employees to the machinery manufacturers’ plants for hands-on exposure to the latest operational and technological developments. Their systematic approach ensures optimal machine performance, minimal downtime, and sustained production excellence.

**Machinery Optimisation & Automation**

GHCL Textiles Limited places strong emphasis on machine optimization and automation to enhance production efficiency, reduce downtime, and maintain consistent yarn quality. The mill follows preventive maintenance as recommended by machinery manufacturers and invests in continuous skill development through in-house training programs as well as

Department	Machinery Make
Bale Plucker	LMW, Rieter, Truetzschler
Blow Room	LMW, Rieter, Truetzschler
Carding	LMW, Rieter, Truetzschler
Waste Collection/ Cotton Sorter System	Luwa, Batliboi/UsterJossi Vision Shield, Truetzschler
Roving Transport System	Sieger
Sliver, Ribbon Lap, Lap Formers	Rieter, LMW
Cots & Aprons	Accotex, Precitex, Inarco
Comber	Rieter, LMW
Cans	Rimtex
Springs	Rimtex
Bobbins	Ideal
Bobbin Holders	LMW, Ideal
Wax Rolls	Reseda Binder
Breaker Draw Frame	LMW, Rieter
Finisher Draw Frame	LMW, Rieter
Speed Frame	LMW, Marzoli
Ring Frame	LMW/KTTM/Rieter with On-Line Monitoring System
Cone Winding Machine	Murata, Savio & Schlafhorst Autoconers
Compact System	Suessen, LMW SpinPact
Humidification & Air Handling Unit	Luwa, Batliboi
Spindle Tapes	Habasit
Gear Accessories	Shanti Gears, SKF, LMW
Textile Bearings	Shanti Gears, SKF, LMW
Electrical Infrastructure	Siemens, Schneider, L&T
Air Compressors/DG Set	Atlas Copco, Kaeser
Rings	LMW, Bracker AG
Ring Travellers	LRT, Bracker AG
Contamination Cleaner/ Spark Diversion System	Uster Jossi Vision Shield, Truetzschler
Transformers/Switchgears/ UPS Inverters	Indo Tech/Voltamp/ Schneider, Siemens, L&T
Cot Grinding Machine	Sabar, Anish, Berkol
Over Head Travelling Cleaners	Luwa, Elgi
Spindle Monitoring System	Premier, Rieter
ERP Software	SAP Hana S4
C2C & Packaging	Sieger
Slub Attachments	Lakshmi Caipo
Core Spun Attachments	Pinter
E-Bikes	Premier, Venkateswara

hands-on exposure at the machinery manufacturers’ plants. This ensures that operators remain proficient in

handling advanced machinery and stay updated on the latest technological advancements.



To further improve operational efficiency, GHCL has implemented a range of automation technologies, including the Bobbin Transport System for seamless movement of yarn bobbins, Link Winders to automate winding and maintain uniform yarn quality, the Cone Transport System for efficient transfer of cones between sections, pre- and post-conditioning to stabilize yarn before and after processing, and auto packing for consistent, error-free packaging of finished yarn.

**Manpower**

GHCL Textiles Limited is powered by a strong team of over 2,600 employees. The workforce is structured across skilled, semi-skilled, and unskilled categories in an 80:10:10 ratio, ensuring a balanced blend of expertise, experience, and operational support. Most of the employees are local workers from nearby villages in Tamil Nadu, fostering community engagement and regional employment.

The mill places employee welfare at the forefront of its operations. Facilities include transportation, free meals, medical support, educational assistance for children, and hostel accommodations for women apprentices. Regular training programs on safety, quality control, and operational skills ensure that employees remain updated, confident, and capable of maintaining a safe and efficient workplace. To encourage team spirit and camaraderie, GHCL organizes cultural

events, annual celebrations, family tours, and festival festivities such as Pongal and Diwali. Exceptional performers are recognized through reward and recognition programs, reinforcing a culture of motivation and excellence.

GHCL's commitment to creating an employee-friendly and inclusive work environment has earned it several accolades, including recognition as a "Great Place to Work" Certified Company (16<sup>th</sup> Position) in the manufacturing sector and The Golden Peacock Award for Corporate Governance Excellence.

The mill believes in empowerment and equal opportunity, providing its workforce with avenues to innovate, take informed risks, make decisions, and grow professionally. This philosophy ensures that employees can reach their highest potential while working together towards common organizational goals.

**Sales & Distribution**

GHCL Textiles Limited has established a robust sales and distribution network across India and globally, making it a leading supplier of premium-quality yarns. Domestically, the mill caters to all market segments, with a strong presence in Tamil Nadu, Maharashtra, Karnataka, and Gujarat.

GHCL's ability to adapt to rapidly changing market trends and technological advancements has helped it maintain strong demand and a loyal

customer base across both domestic and international markets. The mill's products are widely sought after not only in India but also in export markets including the USA, Germany, Italy, Spain, Portugal, Japan, Thailand, Taiwan, and Sri Lanka. Over the years, GHCL has built strong relationships with a diverse clientele.

Key domestic buyers include Raymond, Arvind Ltd., Shashi Exports, Vardhaman, Welspun, Ramraj, Monti India, GimaTex, VTM, Indo Count, Ambica Cotton Mills, Creative Portico, Nandu Brand, Eastman, Grasim, and Kids Impex, while international customers include Mantafil, Bossifil, Subbifil, Kemo, Codefine, Bergfeld, Paramount, Epyllion, Square Fashions, and FM Denim, among others.

GHCL ensures damage-free transportation by using high-quality packaging materials and engaging closed container trucks for direct delivery to customer premises. Their experienced marketing and sales team, supported by a strong sales administration backbone, engages directly with end-use customers to ensure superior service and build lasting customer relationships.

**Quality Assurance**

GHCL Textiles Limited follows a comprehensive quality management framework to ensure superior yarn standards across all stages of

production. The process begins at the very source, with hand-classing of cotton in the fields by experienced professionals to ensure only the finest fibers are selected.

Throughout production, in-process inspections are conducted at every stage according to Standard Operating Procedures (SOPs), and any substandard materials are either reprocessed or rejected based on their severity.

All spinning machines are equipped with advanced on-line quality control systems integrated with computerized information platforms, enabling real-time monitoring of key parameters such as yarn strength, evenness, and twist. For tailored and high-end products, raw material selection, process control, and final inspections are meticulously aligned to ensure the finished yarn meets customer-specific requirements.

The mill operates a state-of-the-art testing laboratory, certified by Uster, where instrumental testing of fibers and yarns is conducted to validate quality. Regular tests include count consistency, strength, elongation, and contamination checks, ensuring adherence to global standards.

GHCL's R&D division plays a pivotal role in product development, process optimization, and innovation. The team works on new yarn blends, finer counts, specialty products, and

Testing/Checking	Instrument Make
Yarn Evenness Test	Uster Tester 6
Fibre Process Control Test	Uster AFIS
Yarn Trash Analyzer & Appearance Test	Statex & Mag Solvics
RKM Test	Uster Tensojet 4/Tenso Rapid 5
Classimat/CSP Test	Uster Quantum 5
Electronic Twist Test	Statex
Yarn Clearers	Uster Quantum 4
Cotton Trash Analysis	Statex
Yarn TPI Testing	Statex
Lea Strength Testing	Statex

sustainable solutions, constantly upgrading technology to meet evolving market demands. It also monitors process efficiencies, identifies areas for improvement, and provides technical support across production lines.

Continuous training programs are conducted for operators to maintain process discipline and quality awareness. Feedback loops from both internal inspections and customer inputs are integrated into the system to drive continuous improvement.

**Sustainability**

GHCL Textiles is committed to sustainable operations, balancing economic growth with social and environmental responsibility. The company continuously strives to reduce its environmental footprint, optimize

resource consumption, and generate long-term value for stakeholders and the community.

**Sustainable Initiatives at Yarn Division:**

- **Renewable Energy:** 75% of the plant's annual energy consumption is sourced from captive energy, including 25.2 MW from windmills in Tamil Nadu.
- **Solar Power:** 10 MW rooftop solar plants installed at Paravai and Manaparai; 20 MW ground-mounted solar plant at Mursiri, Trichy district, 10 MW ground-mounted solar plant at Ottapidarm, Tuticorin district with another 10 MW project under installation at Atcharapakkam, Esur Village, Chengalpattu district.
- **Energy Conservation:** More than 44 lakh units of energy saved in the



last three years through efficiency initiatives.

- **Green Initiatives:** 100 trees planted monthly under green belt development; carbon emissions reduced via renewable energy.
- **Water Management:** New-technology sewage treatment plant and 4.6 crore litres of rainwater harvested.
- **Employee & Community Welfare:** Moving towards Zero Harm for employees and communities; healthcare support provided through a mobile medical unit in partnership with Apollo Hospitals; support extended to six academic institutions in collaboration with local government.
- **Employee Empowerment:** Implementation of quality circles for floor-level engagement and skill development.
- **Certifications & Systems:** Integrated Management System (QMS, EMS, OHSAS) certified since 2003, ensuring compliance and continuous improvement.

- **Product Excellence:** Focused on continuous improvement in yarn quality and volume, aligning production with sustainability goals.

**Awards & Recognitions**

GHCL Textiles Limited has received following awards and certifications:

- BCI (Mass Balance & Physical)
- Supima
- Egyptian “Gold Seal”
- Oekotex
- Cotton Leads/Cotton USA
- Cotton Australia
- GOTS (Global Organic Textile Standard)
- GRS (Global Recycle Standard)
- OCS (Organic Content Standard)
- RCS (Re-cycle Content Standard)
- Regen Agri
- CmiA (Cotton Made in Africa)
- Usterized
- SEDEX

**Future Expansion**

GHCL Textiles Limited is continuously



investing in growth and technological advancement to strengthen its position in the textile industry. The mill has ambitious expansion plans in the pipeline, including the introduction of circular knitting facilities, air-jet looms, and processing plants for both knit and woven fabrics. These initiatives aim to enhance production capacity, diversify product offerings, and incorporate advanced technologies, enabling GHCL to cater to evolving market demands while maintaining its commitment to quality, efficiency, and innovation.

*“ We don't want to push our ideas on to customer, we simply want to make what they want.”*



**SPINNING SERVICES**  
WE STRIVE FOR EXCELLENCE IN EVERY INTERACTION

- 1 Spinning Repairing of All Electronics Item
- 2 Rieter and LMW Ring Frame Drive on Site Re-Conditioning Work

- 3 Supplier of Electrical & Electronics Spare Parts
- 4 Motor Bearing Replacement Service
- 5 Spinning Energy Saving Audit.

**ATTRIBUTES**

- Efficiency to undertake both small and large scale projects
- Customization facility
- Timely services
- Robust facilities
- Wide network and communication channel
- Hassle-free transactions

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**OUR SERVICES**

Authorized Service Center of Danfoss Drive



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