

Textile Processing and Silk

Reeling Technology

(Fabric Varieties, Silk as Textile Fibre, Fluidized Beds to Textile Processing, Cellulose Ethers, Nitrocellulose, Printing Impressions, Surfactants, Flame Retardants for Textiles, Chemical Used in Textiles, Tone and Shade Control in Textiles, Crease Resistance of Cellulose Textiles)

Introduction

Textile manufacturing is a major industry. It is based on the conversion of fibre into yarn, yarn into fabric. These are then dyed or printed, fabricated into clothes. Different types of fibre are used to produce yarn. Cotton remains the most important natural fibre, so is treated in depth.

There are many variable processes available at the spinning and fabric-forming stages coupled with the complexities of the finishing and colouration processes to the production of a wide ranges of products. There remains a large industry that uses hand techniques to achieve the same results.

The name derives from the twisting and spiralling movements of the silkworm larva as it wraps itself in its cocoon, and to the metaphorical principle of "reeling the silk from a silk worm's cocoon". In order to draw out the silk successfully the action must be smooth and consistent without jerking or changing direction sharply. Too fast, the silk breaks, too slow, it sticks to itself and becomes tangled. Thus silk reeling movements are continuous, cyclic, spiralling patterns performed at constant speed with the "light touch" of drawing silk. Silk reeling is trained in solo forms and stances as well as in pushing hands with a partner.

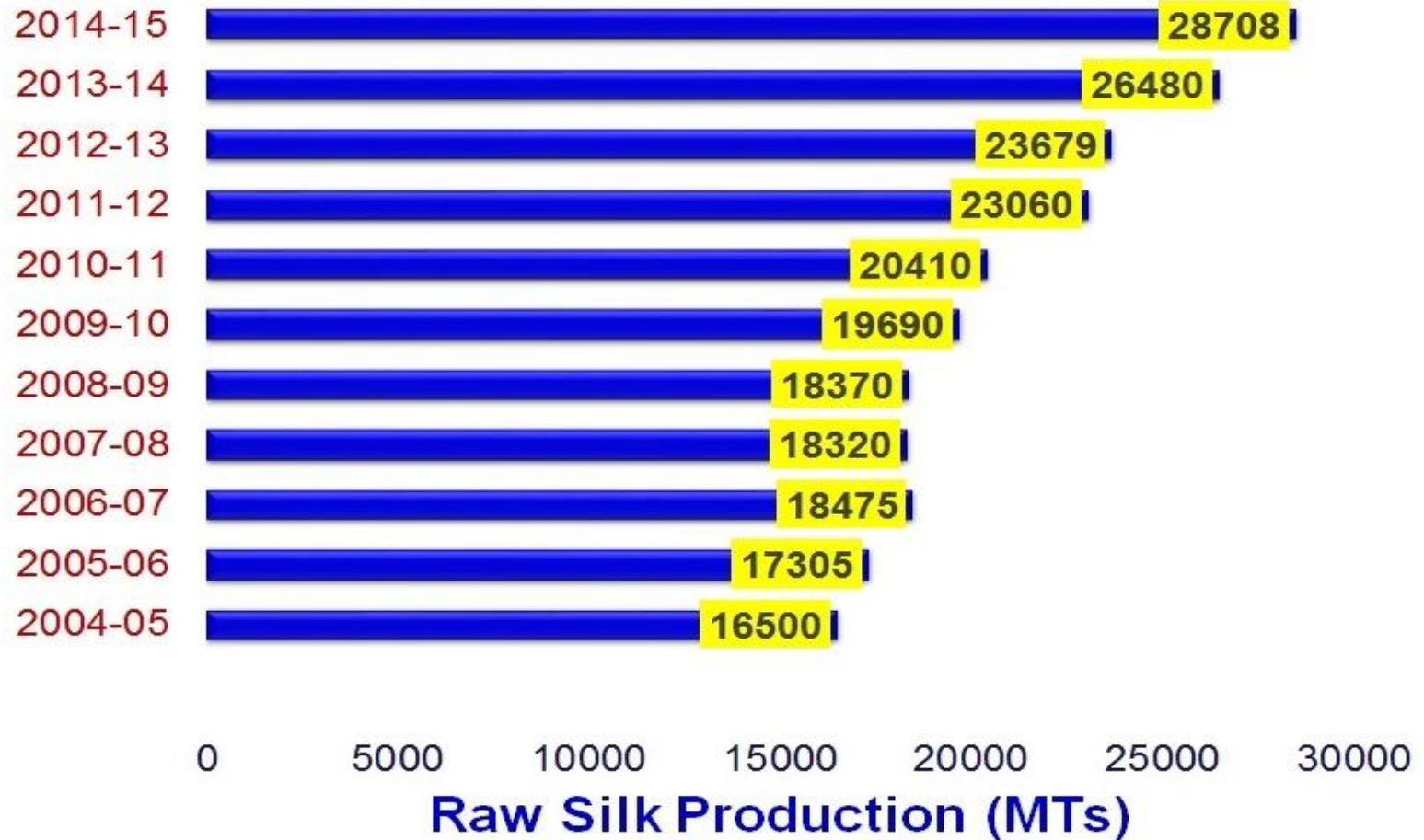
The silk reeling techniques are excellent methods to produce superior grade raw silk which is used by the textile industry to produce exotic fabric. Silk reeling is the final and purely commercial phase of sericulture. It is concerned with unwinding of the silk filaments of the cocoon. The sericulture industry is agro based and flourishing mostly in rural areas. More than 50 per cent of silk is reeled by a villager using country charka which forms the cottage industry.

Silk provides much needed work in several developing and labour rich countries. The textile industry is primarily concerned with the production of yarn, and cloth and the subsequent design or manufacture of clothing and their distribution. The raw material may be natural or synthetic using products of the chemical industry.

Market Outlook

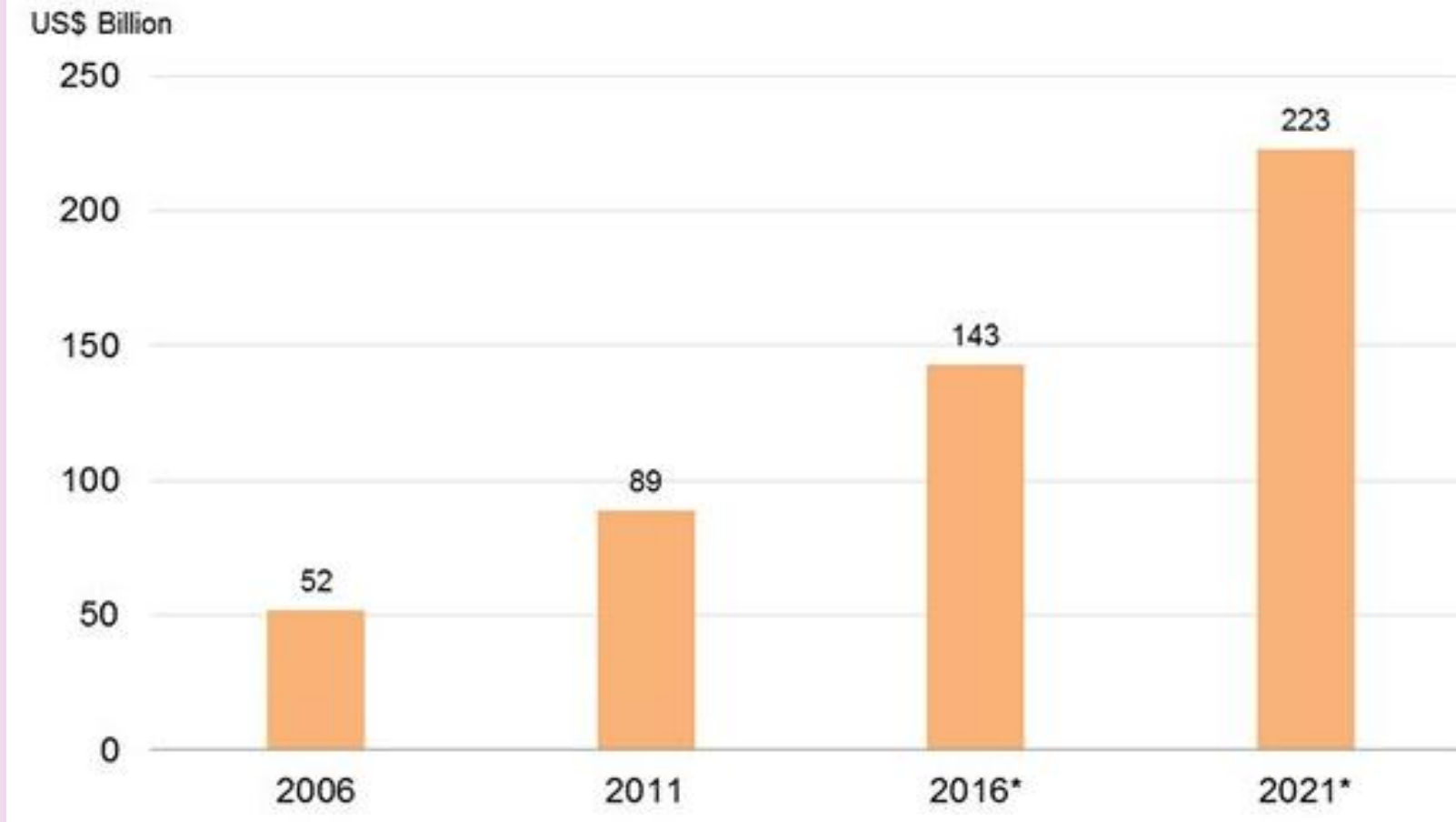
The global silk market is projected to reach USD 16.94 Billion by 2021, at a CAGR of 7.8% from 2016 to 2021.

Silk Production in India



The market size of India's textiles and apparel industry was valued at about US\$108 billion and expected to reach US\$223 billion by 2021.

India's Textile Industry



Raw Silk Imports

Year	Quantity (MT)	Value (Rs. in Crores)
XI Plan (2011-12)	5683	1111.53
XII Plan 2012-13	4959	1238.56
2013-14	3260	896.44
2014-15	3489	970.82
2015-16	3529	1006.16
2016-17* (p)	2536	707.25

India is the second largest producer of silk in the World. Among the four varieties of silk produced in 2015-16.

The textiles sector is the second largest provider of employment after agriculture. Thus, the growth and all round development to this industry has a direct bearing on the improvement of India's economy.

Textiles exports from India will touch US\$ 185 billion by the year 2024-25.

Export of Textiles

Year	World Textiles Exports (\$ Billion)	India's Exports (\$ billion)
2016	860.6	54.4
2017	903.6	62.6
2018	948.8	72.1
2019	996.2	83.0
2020	1046.0	95.5
2021	1098.3	109.9
2022	1153.3	126.5
2023	1210.9	145.6

Domestic Textile Industry

Year	Domestic Industry (\$ Billion)
2016	82.6
2017	88.4
2018	94.5
2019	101.2
2020	108.2
2021	115.8
2022	123.9
2023	132.6

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Tags

Silk Reeling, Silk Reeling Methods, Silk Reeling Process, Sericulture, Textile Processing and Silk Reeling, Silk Reeling Industry, Sericulture Industry in India, Silk Textile Industry, Silk Reeling Machine, Profits in Silk Reeling, Silk Reeling Unit, Silk as Textile Fibre, Fabric Varieties, Chemical Modification of Textile Celluloses, Silk Reeling Technology, Silk Re-Reeling Technology, Fluidized Beds to Textile Processing, Cellulose Ethers, Nitrocellulose, Dissolving Pulp for Rayon Industry, Anti-Crease and Antishrink Finishes for Viscous Rayons, Crease Resistance of Cellulose Textiles, Heat Treatment of Resin-Treated Cellulosic Textiles, Tone and Shade Control in Textiles, Chlorine Retention of Resin Treated Cellulosic Fibres, Textiles Adhesives, Flame Retardants for Textiles, Halogenated Flame Retardants, Antinomy and Other Organic Compounds, Surfactants, Chemical Used in Textiles, Textile Manufacturing, Textile Manufacturing Process, Textile Industry, Textile Processing, Chemical Processing of Textiles, Textile Production Process, Manufacture of Alkylolamides, Formulation of Shampoos, Manufacture of IGEPON T, Manufacture of Alcohols, Manufacture of Alkyl Sulfates, Manufacture of Olefin Sulfonates, Formulation of Heavy Duty Detergents with Olefin Sulfonates, Manufacture of Fatty Acid, Manufacture of Alkyl Phenol,

Tags

Manufacture of Alcohol Ether Sulfates, Manufacture of Fatty Amine Oxides, Formulation of Fatty Amine Oxides, Textile Processing Chemicals, Textile Processing Equipments, Textile Processing Technology, Textile Processing Units in India, Textile Plant, Textile Processing Plants, Printing Impressions, Npcs, Niir, Process Technology Books, Business Consultancy, Business Consultant, Project Identification and Selection, Preparation of Project Profiles, Startup, Business Guidance, Business Guidance to Clients, Startup Project, Startup Ideas, Project for Startups, Startup Project Plan, Business Start-Up, Business Plan for Startup Business, Great Opportunity For Startup, Small Start-Up Business Project, Best Small and Cottage Scale Industries, Startup India, Stand Up India, Small Scale Industries, New Small Scale Ideas for Silk Reeling, Textile Processing Business Ideas You Can Start on Your Own, Indian Small Scale Silk Reeling, Guide to Starting And Operating Small Business,

Tags

Business Ideas for Textile Processing, How to Start Silk Reeling Business, Starting Silk Reeling, Start Your Own Silk Reeling Business, Textile Processing Business Plan, Business Plan for Textile Processing, Small Scale Industries in India, Silk Reeling Based Small Business Ideas in India, Small Scale Industry You Can Start on Your Own, Business Plan for Small Scale Industries, Set Up Textile Processing, Profitable Small Scale Manufacturing, How to Start Small Business in India, Free Manufacturing Business Plans, Small and Medium Scale Manufacturing, Profitable Small Business Industries Ideas, Business Ideas for Startup

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Technology**

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- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*



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What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Business Plan*
- *Industry Trends*
- *Market Research Reports*
- *Technology Books and Directory*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*



How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*



Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation



Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*



- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

Sectors We Cover Cont...

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*



Sectors We Cover Cont...

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitability Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*



Sectors We Cover Cont...

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*



Sectors We Cover Cont...

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*



Sectors We Cover Cont...

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*



Sectors We Cover Cont...

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*



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