



SEWING THREAD PRODUCTION PLANT



Product

Sewing yarns (Nm 10/4...Nm 133/2)
Single and twisted yarns (doubling 2...12)
Core yarns
Hand knitting yarns, embroidery cotton
Final make up in hanks, bobbins, cones, skeins, balls

Capacity

Depending on design

Raw material

Cotton, Polyester, Polyamide, Viscose and Lycra
Fibres and filaments
Bales and cones

Plant design

Production line

- ▶ Fibre preparation
- ▶ Pre-spinning section
- ▶ Ring and/or open-end spinning mill
- ▶ Winding and cleaning process
- ▶ Assembling and two-for-one twisting
- ▶ Hank reeling
- ▶ Singeing and mercerizing
- ▶ Hank and cone yarn dyeing and drying
- ▶ Final winding and making-up, packing

Utilities

- ▶ Civil construction design and realization
- ▶ Air conditioning / ventilation plant
- ▶ Electrical installation
- ▶ Fire fighting system
- ▶ Compressed air supply
- ▶ Steam generation plant
- ▶ Water and waste water treatment
- ▶ Internal transport equipment
- ▶ Workshops
- ▶ Laboratories

Services

Design of

- ▶ Technological, electrical and mechanical works
- ▶ Construction works
- ▶ Utilities

Delivery of

- ▶ Machinery and utilities
- ▶ Prefabricated buildings
- ▶ Civil construction works

General services

- Supervision of erection and commissioning
- Performance and acceptance tests
- Training of staff
- Technical assistance
- Management assistance
- Know how transfer for product design

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