COMPLEX PLANT FOR DENIM YARN SPINNING, FABRIC WEAVING, FINISHING AND GARMENT PRODUCTION

Product

Yarns (Ne 7...30, Indigo dyed)
- Denim ring and open-end yarns
- Core yarns with Elastane
- Slub yarns

Fabrics (7...14.5 oz, width 150...160 cm)
- (oz = once per square yard = 33.9 g/cm²)
- Indigo dyed Denim fabrics in 3/1 and 2/1 twill weave
- Open-end, ring and stretch denim quality
- Different fashionable finishing methods
- High fashionable Denim garment

Garment
- Trousers, skirts, shirts, jackets

Finishing variants
- Over-dyeing (cross dyeing)
- Micro-sand sueding
- Stone wash (garment wash)
- Brushing
- Spraying
- Special effects made by laser

Capacity
- 8...9 Mio. linear meters Denim fabrics
- 5.3 Mio. pieces garment

Raw material
- 7000 tons Cotton
- 38 tons Elastane

Plant design

Production line
- Spinning Mill
- Indigo dyeing plant
- Weaving department
- Finishing section
- Ready-to-wear garment plant

Utilities
- Air conditioning / ventilation plant
- Electrical installation
- Fire fighting system
- Compressed air supply
- Steam generation plant
- Water and waste water treatment
- Thermal oil heating
- 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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