



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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