



ACRYLIC YARN SPINNING, DYEING AND STEAMING PLANT

Product

Acrylic ring spun yarns (for example Ø Ne 18/2, Nm 30/2)
Twisted, high bulked and dyed yarns
Final make up in hanks or cones

Capacity

Depending on design

Raw material

Acrylic fibres with fineness 3,3...6,7 dtex
Tow in bales or big bags

Plant design

Production line

- ▶ Fibre preparation
- ▶ Pre-spinning section
- ▶ Ring spinning mill
- ▶ Winding and cleaning process
- ▶ Two-for-one twisting
- ▶ Hank reeling
- ▶ Steaming and shrinking
- ▶ Yarn dyeing and drying

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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