



# 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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