



WOOL PROCESSING PLANT FOR WOOLLEN FELT PRODUCTION



Product

Woollen felts for hats, technical felts and hobby-work with

- ▶ length 10000...30000 mm
- ▶ width 1400...1800 mm
- ▶ thickness 1...150 mm
- ▶ density up to 0,68 g/cm³

Capacity

Wool washing plant 300...400 kg/h
Felt production depending of felt construction

Raw material

Wool fibres with fineness 21...26 μ
Fibre length 20...100 mm
Wool classes A, A/B and B

Plant design

Production line

- ▶ Wool washing and drying plant
- ▶ Wool grease recovery plant
- ▶ Bale press and store
- ▶ Wool opening and blending line
- ▶ Carding section
- ▶ Cross-lapping, drawing and winding
- ▶ Plate felting machine with pre-steaming
- ▶ Pilgrim step roller fulling machine
- ▶ Hammer fulling machine
- ▶ Re-fulling machine
- ▶ Washing and/or dyeing
- ▶ Centrifuge and drying chamber
- ▶ Finishing, pressing and grinding machines
- ▶ Cutting and punching machines

Utilities

- ▶ 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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