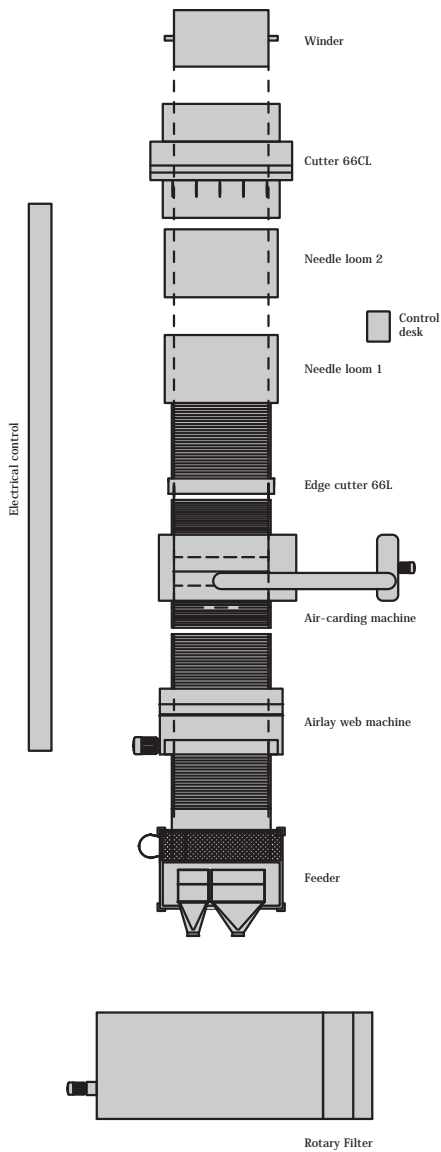


Natural nonwoven textile plant for the automotive industry

Air-carding technology-based



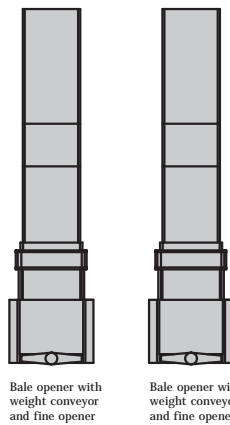
Project management:
GS-Anlagenbau

Project duration:
around 6 months from initial planning to commissioning

Materials produced:
kenaf/PP in densities from 150 g/m² to 1,500 g/m²,
web forming via two needle looms

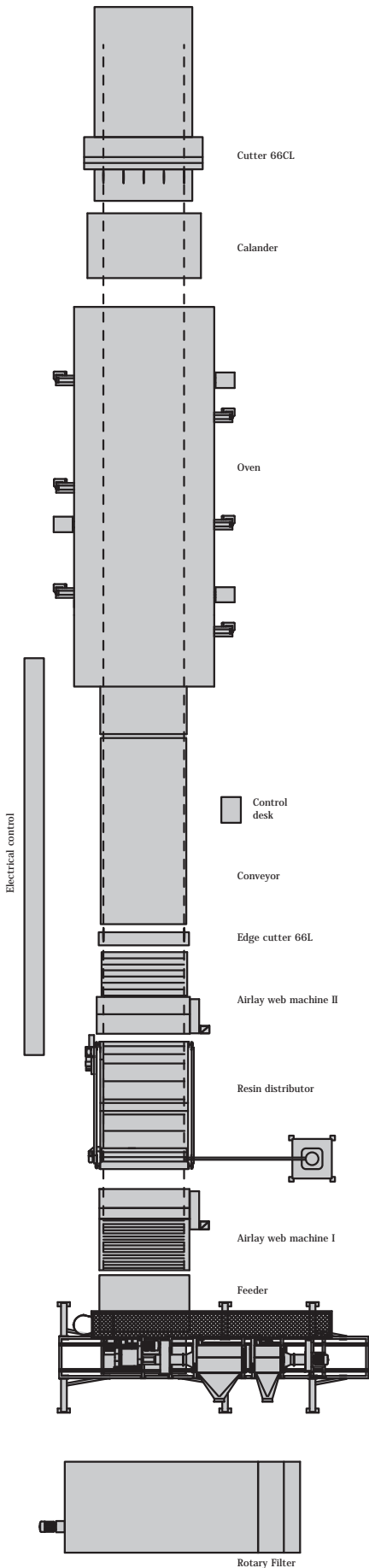
Technical specifications:
- working width: 2,500 mm
- max. line speed: 16 m/min
- max. output 1,500 kg/h

Special features:
- production of thin nonwoven textiles
at high processing speeds, thanks to new air-carding
technology (from 150 g/m²)
- no waste from edge trimming
- choice of roll stock or custom-sized matting



Heavy-duty nonwoven textile plant for the automotive industry

Airlay technology-based



Project management:
GS-Anlagenbau

Project duration:
around 5 months from initial planning to commissioning

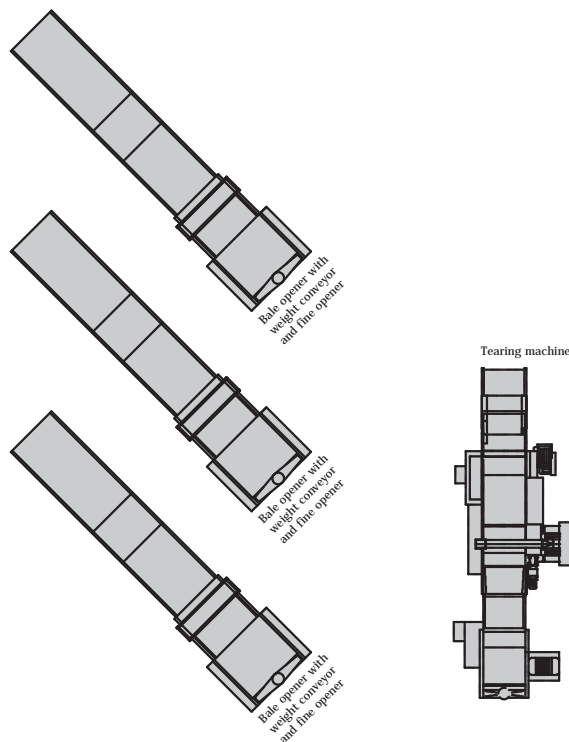
Materials produced:
thermoplastic-bonded cotton fabric
(bico fiber, PP fiber, etc.) or
duroplastic-bonded cotton fabric
(phenol resin, epoxy resin, etc.)
in densities from 300 g/m² to 2,000 g/m²

Technical specifications:

- working width: 2,500 mm
- max. line speed: 16 m/min (thermoplastic bonding)
- max. line speed: 10 m/min (duroplastic bonding)
- max. output 2,000 kg/h

Special features:

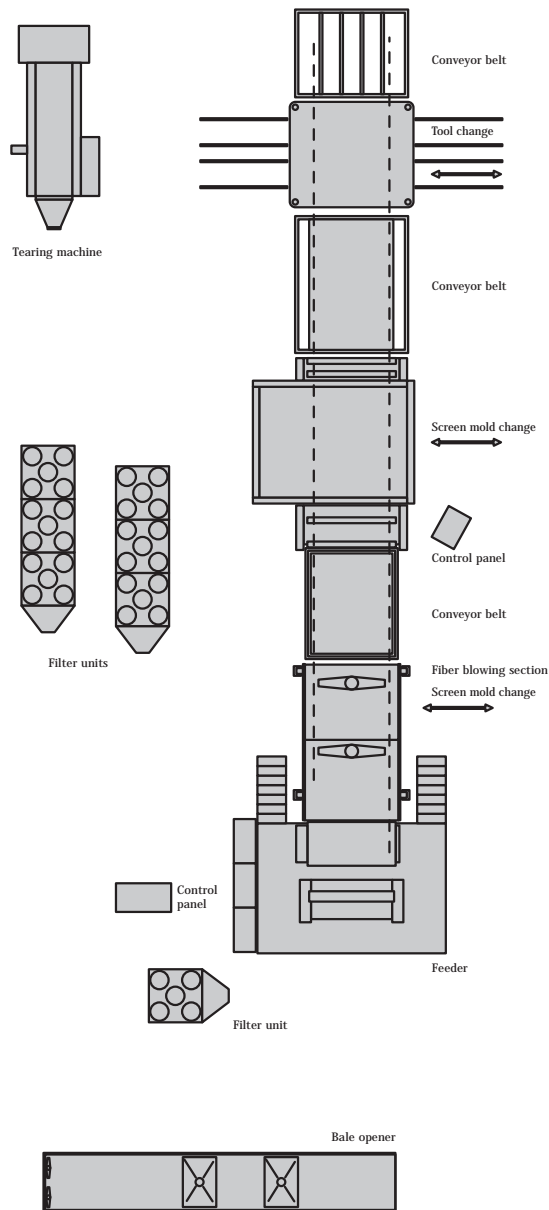
- highly uniform density
- no waste from edge trimming
- choice of roll stock or custom-sized matting



grimmschirp



Fiber blowing line for the automotive industry



Project management:
GS-Anlagenbau

Project duration:
around 4 months from
initial planning to commissioning

Materials produced:
carpet insulation

Technical specifications:
- working width: 2,000 mm
- cycle time: 60 sec

Special features:
- material saving
- almost no wastage
- new prospects for
manufacturing complex molded
parts cost effectively