

22 C – Finn-Convey Industrial Spreading Line (14.65 m x 1.8 m) – Complete with Air-Flotation

Description

For sale is a professional-grade Finn-Convey industrial fabric spreading and cutting table line, offered as a complete production-ready system.

This system is designed for efficient fabric spreading and preparation in high-volume cutting room operations. It enables controlled handling of heavy fabric rolls, precise layer alignment, and smooth material flow prior to cutting.

The line has been operated as part of a dedicated production setup together with a Bergman cross cutting saw (unit 114 A).

This combination allows efficient pre-cutting of fabric rolls into required lengths before spreading, significantly improving workflow efficiency and reducing manual handling.

The equipment has been used in a professional garment factory and was operational prior to factory shutdown.

Key Technical Specifications

- Total length: 14.65 meters (modular structure, adjustable configuration)
- Table width: 1.80 meters (suitable for wide fabrics)
- Technology: Air-flotation table system for low-friction material handling
- Drive system: Motorized side drive units ensuring controlled spreading tension

System Components

- Finn-Convey motorized side drive units
- Industrial air-flotation table structure with perforated surface
- Integrated blower system with centrifugal fans under tables
- Electrical control cabinet for system operation
- Fabric roll handling stands and support assemblies
- Integrated end cutting unit with circular blade system

Cutting Unit Technical Details

- AC speed-controlled motor (Taili Motor Co., Ltd., approx. 90–200W range)14650
- Gear reduction unit (e.g. 5GN-series) for high torque output
- Circular cutting blade with integrated sharpening mechanism
- Adjustable vertical guide rails for cutting height positioning
- Designed for efficient cutting of multi-layer fabric stacks

Auxiliary Drive Components

- Auxiliary induction motor (e.g. 40W class, speed-controlled) for fine positioning and movement control
- Gear-driven transmission for stable and continuous operation
- External capacitor-based start system (typical for single-phase auxiliary motors)

System Architecture

- Modular table construction allowing flexible layout adjustments
- Air-assisted material movement reducing friction and operator effort
- Cradle-type roll handling enabling tension-free fabric feeding

- Encoder-based or mechanical length control depending on configuration
- Compatible with upstream roll cutting equipment and manual or semi-automatic workflows

Production Advantages

- High efficiency with long cutting layouts and reduced material waste
- Excellent ergonomics, heavy fabric stacks can be moved with minimal force
- Accurate layer alignment supported by controlled drive system
- Integrated cutting capability improves workflow continuity
- Suitable for a wide range of materials including denim, upholstery, and technical textiles

Condition

Used industrial condition

Removed directly from production after factory shutdown

Typical signs of use from industrial environment

Inspection possible prior to dismantling

Sold as-is, where-is, without warranty

Location

Valga, Estonia

Removal & Transport

Buyer responsible for dismantling, loading, and transport

Professional dismantling strongly recommended due to system size and electrical installation







