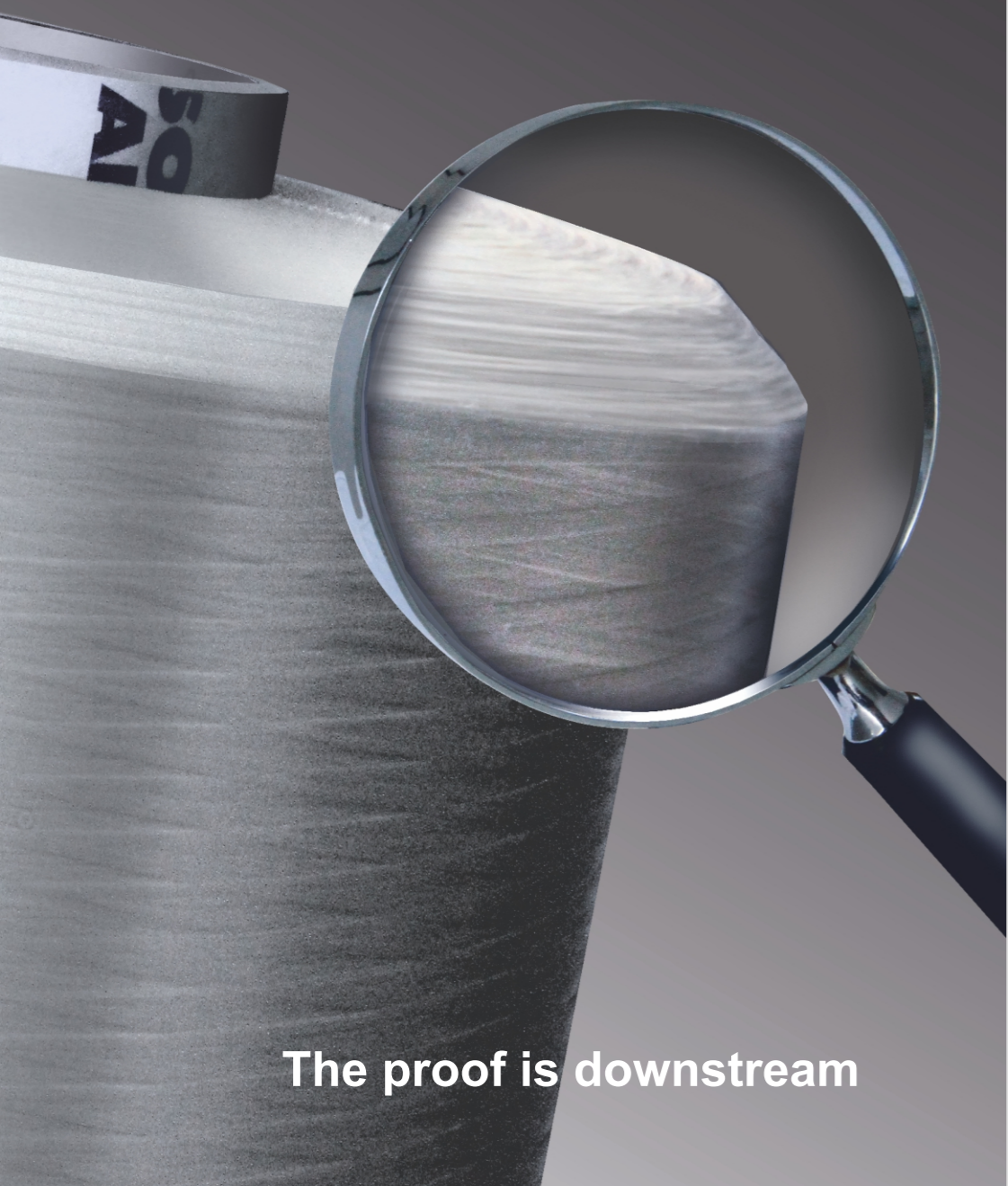


milestone in winding



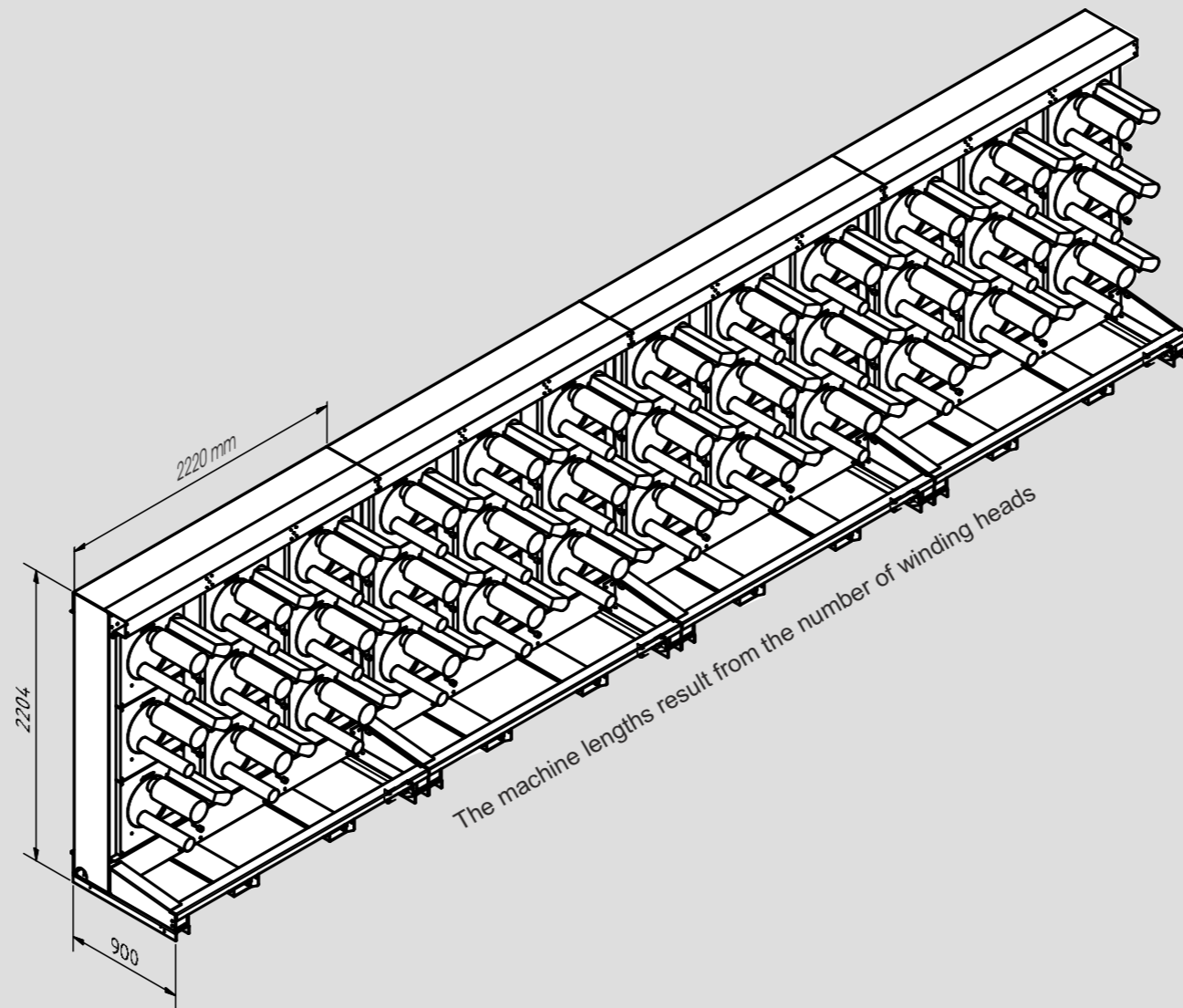
The proof is downstream

LinStar 330XE layout plan (example)

3-tiers - 3 x 3 winding heads (standard frame)

The LinStar is available as:

- Face to face version
- Back to back version
- One single line



Dieser Prospekt ist nur in englischer Sprache verfügbar.



SAHM WINDERS + SYSTEMS
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LinStar 330XE_e/10/15 Design, configuration and scope of supply are subject to change without notice and errors are excepted. Drawings/photos not binding.



SAHM WINDERS + SYSTEMS
a member of Starlinger Group

SAHM LinStar 330XE

LinStar - the new



LinStar 330XE

Automatic Precision Cross Winder with Flexible Traverse System

Market Segments:

- Tapes, artificial grass yarns, monofilaments, dipped or coated yarns

Advantages / Features:

- Flexible traverse system with linear drive:
 - highest flexibility in winding
 - offers variable traverse lengths
 - optimized downstream processing due to tapered bobbin edges
 - minimum maintenance expenditures (e.g. no lubricants)
 - minimum energy consumption
 - low noise level
- Automatic bobbin changeover:
 - zero waste
 - no downtime
 - without aspirator device
 - metered length
 - changeover reliability > 99,8 %
 - adjustable yarn tail length on the tube
- Central machine control (HMI):
 - central input, display and control of main winding and process parameters
 - quick and efficient product changes thanks to recipe storage
 - advanced alarm indication and fault tracking
- Quick mandrel lock/unlock
- Gentle yarn treatment with less contact points
- Prepared for the installation of an automatic bobbin handling system (data communication and mechanical design)

Optional Equipment:

- Customized automatic bobbin handling system

The new LinStar automatic winder produces bobbins with straight and tapered ends as well as variable traverse lengths



Tire cords with tapered ends



Tapes with straight ends (standard bobbin)



Monofil yarns with tapered ends

**The perfect bobbin**

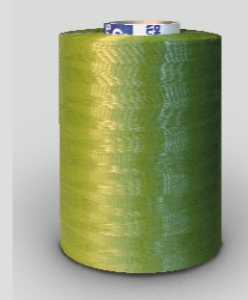
The perfect bobbin features a slightly beveled edge. The new shape helps to reduce waste, increases the efficiency in the downstream processes and consequently also productivity.

**Automatic bobbin changeover**

Tapes, 2-ends with tapered ends (for trouble-free beaming start)



Coated yarns with tapered ends



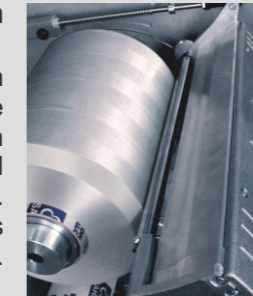
Artificial grass yarns (oiled multiple ends)



Tapes with tapered ends (for sensitive products)

Flexible traverse system

The traverse system features a variable traverse length with no extra parts required for changeover. Special bobbin designs are also possible.

**Technology:**

| | |
|--|-----------------------|
| Frame: | 3 tiers *) |
| Max. winding speed: | 600 m/min |
| Titer: | 150 to 4500 dtex *) |
| Number of ends per winding head: | Single or multiple |
| Traverse length: (infinitely variable) | 250 to 300 mm *) |
| Tube inside diameter: | 82.55; 90 or 94 mm *) |
| Tube length: | 290 or 330 mm *) |
| Max. package diameter: | 320 mm |
| Winding ratio: | Electronic |
| Yarn tension centrally adjustable (HMI): | 30 to 350 cN *) |

Combination of all maximum values is not possible.

*) others on request