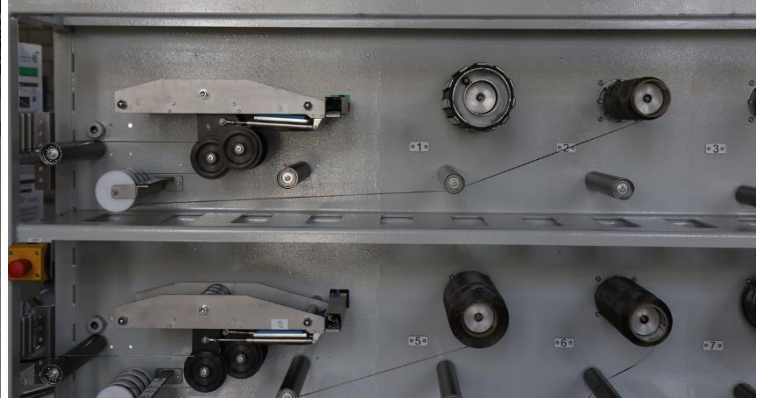


# Driven Industrial Creel Systems



PLC controlled industrial creel systems with integrated, ultra-precise and highly dynamic thread tension control system



## Bobbin positions

- max. bobbin weight 25 kg
- max. bobbin diameter 380 mm
- paper core 3-inch (standard)
- coreless bobbins (with adapter)
- any kind of market standard fiber

## Tension control

- Rotating or linear dancer systems
- Tension range customizable
- Separate control of all bobbin positions
- Accuracy up to 0,50 N (dynamic)
- Speed min. 2 m/s at max weight

## Advantages for your process

- Maximum precision across the entire control range of the selected tension set-point
- Separate control and tension set-point for each bobbin position
- On-line presetting of different control parameters, depending on the weight and size of the bobbin, for an ideal tension control adapted to your process conditions
- Suitable for quasi-static (e.g. tapes) as well as dynamic (e.g. filament winding) processes
- System and controls operate independently of the following processes, which allows an easy integration into existing process chains
- Process-matched in-line process and quality control (fiber break, tension measurement,...)

- ➔ Precise tension control enables significant quality increases in subsequent processes
- ➔ Increased productivity by increasing line speeds due to precise fiber tension control

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