



The Cygnet Texkimp creels for polymeric tapes (poly tapes) incorporate unique patented designs for unwinding extruded tapes and monofilaments. Unwinding can occur from a variety of package types with various levels of control and sophistication. Each position is equipped with tension compensation and quick stop braking control, to ensure even running tension and quick stopping without over-tensioning or breaking any of the running ends.

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Cygnet Texkimp provides specialist knowledge and bespoke machinery for the global technical fibre and fabric, paper, plastic, foil and film processing markets.

We focus on the design and manufacture of leading-edge creel technologies and accessories for the unwinding, tensioning and guiding of all types of yarns, tapes and fibres, from package to process.

POLY TAPE CREEL

Specification can be varied to suit any requirement

Process	Beaming, warping and section warping Direct feeding to weaving or other process machinery
Materials / Applications	Polyolefin, Polyethylene, Polyester, Polyamide, Polybutylene terephthalate (PBT), Ultra-high-molecular-weight polyethylene (UHMWPE), others
Typical Speed	From 1 m/min to 250m/min (subject to package quality and process)
Unwinding	Type : Unrolling Yarn Path : Horizontal thread path between rows of packages
Typical Arrangement	Customisable, trolley or fixed design
Packages	Type : Precision cross wound packages, on parallel sided tubes Max. Traverse : 300mm (12") Max. Dia : 300mm (12") Max. Weight : 16kgs (36lbs)
Features Available	Dedicated Path for each yarn, tape, or monofilament Individual quick stopping at each position. Quick stopping without over-tensioning running ends. Individual tension compensation at each position. Guide systems for multi-end packages. Unique package holder design for easy loading and doffing. Rotating spindle arrangement for accurate running tension. Needle bearings for friction / tension requirements of application. Centrally adjustable tension system on each creel section or Automated Tension Control System based on diameter or load. Pneumatic quick stop braking system linked to beamer / warper.