

TAKE-UPS

Engineered Armouring Solutions

For the Winding and Unwinding of Wire & Cable and Other Materials

GENERAL OVERVIEW

- **Bridge-Type Take-Ups**
- **Fixed Arm Take-Ups**
- **Fixed Frame Take-Ups**
- **Spooler Take-Ups**

Calmec has a wide range of take-ups to suit most requirements. From the smaller, high-speed spoolers and fixed frame units to the large roll-through and bridge type machines, Calmec offers a great selection of styles.

What style is best for your application?

Choosing which style is best for your application involves deciding what products are to be run on the unit, the size range of product, the line speed range, the floor space available, as well as budget.

KEY FEATURES

Bridge-Type Take-Up

This unit permits the main advantage of having a relatively clear floor space around the reel, with the ability to roll a reel through the machine.

Pivoting (Fixed) Arm Take-Up

Fixed Arm machines have the reel pivot up off the floor, usually via hydraulics. The reel stays fixed as a traversing guide sheave assembly moves back and forth along with the product.

Fixed Frame Take-Up

This unit is designed to accommodate a single, relatively small size reel. There is no lifting of the reel except for the cone of the pintle raising the reel just off the floor.

Spooler Take-Up

Spoolers are usually designed to accommodate a single small size spool or reel. They are usually designed for higher speed winding of small sized products, where an accurate traverse is required to provide good winding.



Calmec Precision Limited
1400 Bonhill Road
Mississauga, ON Canada
011-1-905-677-7976
sales@calmec.com
www.calmec.com



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SPECIFICATIONS

SPECS	MAX SIZE REEL RANGE	MAX SPEED RANGE	MAX REEL WEIGHT	LIFTING METHOD	DRIVE TYPE
BRIDGE (GANTRY) TAKE-UP	60" - 120" DIAMETER	10 - 1,000 FPM Depending on drive	6,000 - 50,000 LBS Depending on machine size	Motorized acme screws	AC or DC motor with or without multi-speed gear reducer Depending on speed range
PIVOTING (FIXED) ARM TAKE-UP	48" - 120" DIAMETER	10 - 1,000 FPM Depending on drive	4,000 - 15,000 LBS Depending on machine size	Hydraulics	AC or DC motor with or without multi-speed gear reducer Depending on speed range
FIXED FRAME TAKE-UP	24" - 48" DIAMETER	10 - 2,000 FPM	500 - 2,000 LBS Depending on machine size	Air	AC or DC geared motor
SPOOLER TAKE-UP	12" - 36" DIAMETER	10 - 3,000 FPM	100 - 1,000 LBS Depending on machine size	Air or AC or DC motorized screw	Geared motor

DRIVE OPTIONS – All machines can be run in either speed or torque mode, with control via articulated or vertical dancer or accumulator. Traversing of product for precise layer winding is done by either servo or DC drive technology.



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