

ARMoured CABLE MACHINERY

INTERLOCK • FLEX • UMBILICALS • ESP • CONDUIT • TAPING

TAKE-UPS

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

- 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 bridge type machines, Calmec offers a great selection of styles.

FLOOR ROLL



FLOOR ROLL



FIXED ARM



SPOOLER



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.



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KEY FEATURES

Bridge-Type Take-Up

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

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 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.

SPECS	MAX SIZE REEL RANGE	MAX SPEED RANGE	MAX REEL WEIGHT	LIFTING METHOD	DRIVE TYPE
BRIDGE-TYPE TAKE UP	1250 - 3000 mm diameter	3 - 300 mpm depending on drive	2700 - 22000 kgs depending on machine size	motorized acme screws	AC or DC motor with or without multi-speed gear reducer, depending on speed range
FIXED ARM TAKE UP	1250 - 2800 mm diameter	3 - 300 mpm depending on drive	1800 - 13600 kgs depending on machine size	hydraulics	AC or DC motor with or without multi-speed gear reducer, depending on speed range
FIXED FRAME TAKE UP	600 - 900 mm diameter	3 - 600 mpm	225 - 900 kgs depending on	air	AC or DC geared motor
SPOOLER TAKE UP	300 - 900 mm diameter	3 - 900 mpm	45 - 450 kgs depending on machine size	air or motorized screw	AC or DC 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.

