

# ARMoured CABLE MACHINERY

INTERLOCK • FLEX • UMBILICALS • ESP • CONDUIT • TAPING

## CATER PULLERS • CAPSTANS • TENSIONERS

For consistent pull-through of wire & cable, hose and conduit

- For wire, cables, conduit, hose, metals & plastics
- Pull a wide variety of flat or round product
- Up to ¼" diameter wires on Tensioners, 1 - ½" diameter products on Capstans, and up to 6" diameter products on Cater Pullers
- Variety of styles, sizes, line speeds & belts to suit your application
- Stand-alone controls or remote line control

CATER PULLERS



CAPSTANS



TENSIONERS



## What belt is best for your application?

Calmec provides a variety of belts to suit your application. Determining factors include the type of product being pulled through the machine, the required process, and line speed. Choosing the correct belt is most important, as it affects the quality of pull, the amount of belt wear, and cost.



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## KEY FEATURES

### Servo or AC Vector Motors & Drives

Our latest machines use servo drive or AC flux vector drive technology as standard. This replaces higher maintenance and older DC motor technology.

### Pneumatic Compression & Tension

In order to provide consistent pressure to the product run through Cater Pullers, Calmec uses multiple air cushions. Both belt compression and belt tension are pressure adjustable to suit the style of belt used and the product being pulled through.

### Ratio Display Scaling

Depending on the type of product being run through the machine, Calmec can provide an electronically geared ratio display to suit the application rather than just displaying a value with no meaning. For example, if conduit or armored cable is pulled through, we can display convolutions per foot/meter of product as the adjustable ratio affecting the line speed.

SPECS	MIN/MAX PRODUCT DIAMETERS	LINE SPEED	BELT CONTACT LENGTH	DRIVE TYPE
CATER PULLERS	1/4" - 6"	10 - 1,000 feet/minute depending on application	12" - 60" depending on series	Single motor servo or AC vector
CAPSTANS	1/4" - 1 1/2"	5 - 100 feet/minute depending on application	12" - 36" depending on series	Single motor servo or AC vector
TENSIONERS	1/4" - 1 1/2"	20 - 3,000 feet/minute depending on application	18" - 36" depending on series	Single motor servo or AC vector

**TENSIONERS** can be made for single or multi-wire applications. The units can be driven to pull or non-driven to brake. They can be adjusted vertically and rotated around their centre to suit different entry and exit heights

