



I N T R O D U C I N G

# XCTRL

## A new tension control system

The XCTRL controller is a solid state electronic control that receives signal from a **Dancer pivot point sensor or 2 Load cells**. It integrates 2 separate Digital PID Controllers and 2 separate Open Loop controls.

All setup can be made through a user friendly application and save to the integrated memory, an SD card or your computer. Wire up to two Load cells or a Dancer arm to get a closed loop control with a linear or auto. compensation.

When associated with the X2DRV the controller become the XCTRL-2DRV. Power supply, input and communication will be made by an internal connection.

Optional Rail DIN fixation available.

Product

### XCTRL Tension Control System

Advantages

### This New Tension Control System will lead you to:

- To **improve** quality of the operation
- To **lower** your maintenance cost by decreasing the setup time

Main

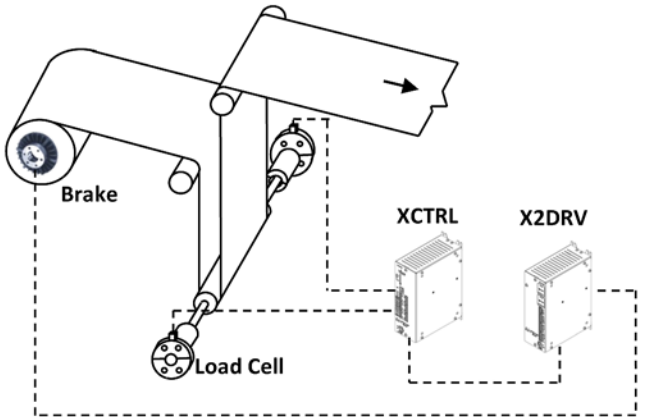
<b>Main supply Voltage</b>	24VDC +/-5%
<b>2 Channels Sensors Input</b>	Dancer Arm and up to two Load Cells
<b>2 Channels Output</b>	Selectable 0-10V or 4-20mA through an application
<b>2 PID Controller</b>	PID Gain adjustable with the application
<b>USB Connection</b>	Connect your XCTRL to your computer with a USB cable and get access to the application
<b>User Friendly Application</b>	Setup all parameters through a user friendly application and get a graphic overview.
<b>Parameters Partitions Saving</b>	Through the application save your parameter partitions on your computer or in an SD card.
<b>Open Loop Control</b>	Get an open loop control by wiring an external sensor. Selectable 0-10V or 4-20mA
<b>Linear and Auto. Compensation</b>	Get a closed loop control with a linear or auto. compensation. Selectable with the application

## XCTRL Application

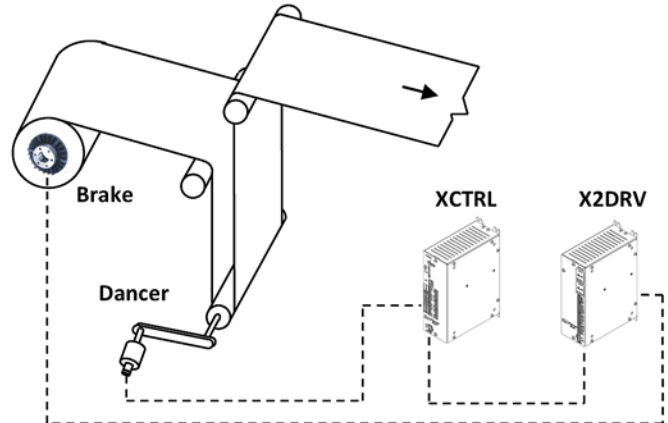
Get a closed loop control by wiring:

- 1 Dancer Arm
- 1 or 2 Load Cells

### Load Cell Application



### Dancer Arm Application



## XCTRL Dimensions

