



**AEI** APPALACHIAN  
ELECTRONIC  
INSTRUMENTS

# Tufting Technology

Employing the same detection principle as the industry-proven Tuftight Gen 1, reconfigured in a simpler, more integrated, and easier to maintain design



## TUFTIGHT LX

Set the angle of the yarn and adjust detection sensitivity with a unique rack-and-pinion mechanism. Select programmable stop delay for the entire rail or each meter section. The Tuftight LX accommodates various creel and header layouts by normalizing the tight-end response across the machine. Single-sided and double-sided versions available.

### System features & capabilities

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Indicator light for each meter segment

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Yarn path capacity up to 7-meters

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Complete mounting hardware

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Sensitive detector switches available for single end yarn feeds

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User replaceable wear covers for any yarn type.



## LXg for graphics machines

The LXg model is designed for graphics machines with front and rear yarn feeds.



## LXs for scroll machines

The LXs uses highly sensitive contacts, 10 times more responsive than the normal tight-end detector, enabling detection on low-torque servo scroll tufting machines.

## Specifications

Specifications subject to change without notice.



### Input Power

115-220VAC 50/60 Hz  
150 watts



### Stop Motion

Momentary dry contact  
NO, COM, NC

Run/Reset signal  
24-240 VAC/VDC



### Detection System

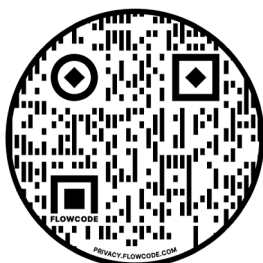
Mechanical switch with high wear cover.  
✓ Normal sensitivity  
✓ High sensitivity



### Operator Interface

4.5" (11 cm) Diagonal color touch screen

## Watch video



Open the camera on your phone



Aim it at the Flowcode



Tap the banner that appears

## Appalachian Electronic Instruments, Inc.

For more information about any AEI solution contact us today.

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We will quickly put you in touch with the AEI representative for your region and industry.