

# 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

---

Indicator light for each meter segment

---

Yarn path capacity up to 7-meters

---

Complete mounting hardware

---

Sensitive detector switches available for single end yarn feeds

---

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

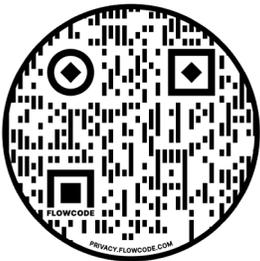
Mechanical switch with high wear cover.  
√ Normal sensitivity  
√ High sensitivity



### 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.

304.647.5855 Ph - 304.645.4006 Fx - [info@aei-wv.com](mailto:info@aei-wv.com) - [aei-wv.com](http://aei-wv.com)

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