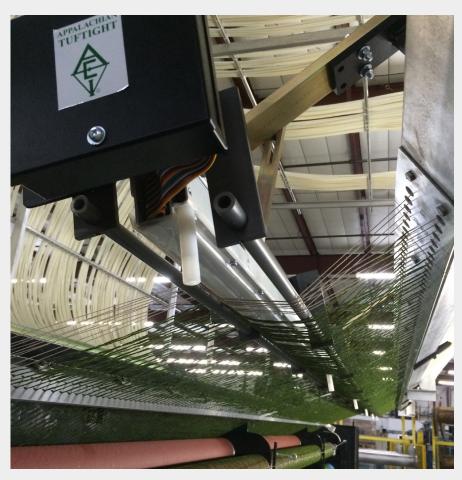# Tufting Technology

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. Connect to plant data systems via PLC interface using industry standard RS-232 serial port. Single-sided and double-sided versions available.

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.

System features & capabilities

Indicator light for each meter segment and tight-end identification

Yarn path capacity up to 7-meters

Rack-and-pinion yarn tension adjustment for matching tension requirements to yarn type (wool to polypropylene)

User-removable and replaceable switch covers

Color Touchscreen Interface

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