

LCS-EKTW

Length Counter System for Take-up Winders

Features

- Simple touch screen operator interface
- Streamlined design allows for ease of integration into existing systems
- Control system enables doff length to be set individually for each winder or a master entry for all winders
- Frame display screen capable of showing up to 20 winders per screen
- Communication package allows for data to be sent to customer computer via Ethernet
- Optional Doff Alarm System

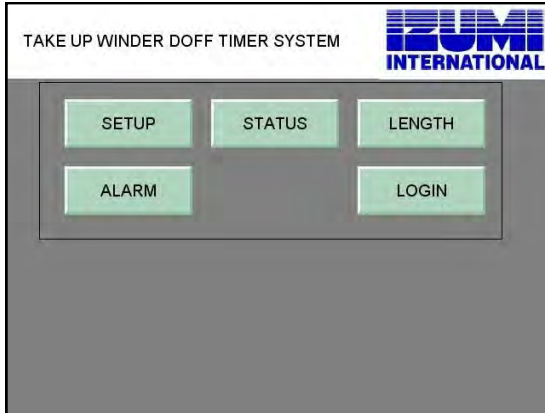


Standard Specifications

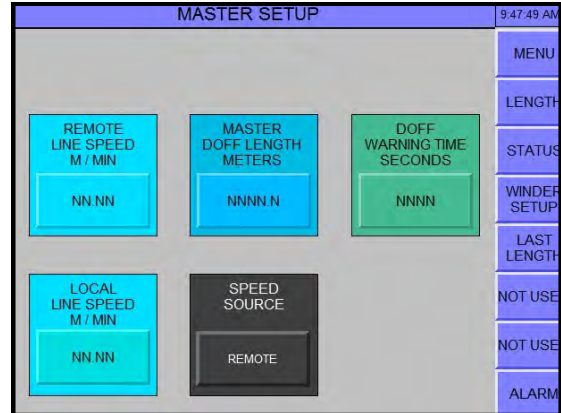
Electrical Components	PLC, HMI, I/O units, etc. and for optional Doff Alarm System
Communication	PLC provides data to customer PC via Ethernet module and connector/plug
HMI and PLC	Allen Bradley Panel View Plus 1000 HMI terminal and Allen Bradley CompactLogix Processor PLC
Construction	One sealed (NEMA 12) box
PLC Data	<p>The following data is provided to PC via PLC:</p> <ul style="list-style-type: none"> • Actual Doff, Stop or Break Length for all spools Doffed, Stopped or Broken with time stamp when Doffed, Stopped or Broken • Master doffing time (entered into winder PLC) • Current spool length status for all active spindles (counting up) • Winder position ON/OFF status for all spindles • Tow break signal for any position with time and spindle position data • Tow break reset signal with time and spindle position data • Communication fault alarm (alarm only)
Alarm Lamps	<p>Lamp towers with 2 colored lights provided on each winder frame providing:</p> <ul style="list-style-type: none"> • Green "On"= normal procedure • Yellow "On"= Pre-doff alarm for minimum 1 spindle per frame (2 minutes to doff) • Blue "Blinking"= Doff alarm for minimum 1 spindle per frame • Red "Blinking"= Tow break for minimum 1 tow per frame
Optional Doff Alarm	Equipped with individual length counter function on each position as a doff alarm system with length on each position able to be set via HMI terminal

Please contact Izumi International, Inc. for special requirements

HMI Screen Features



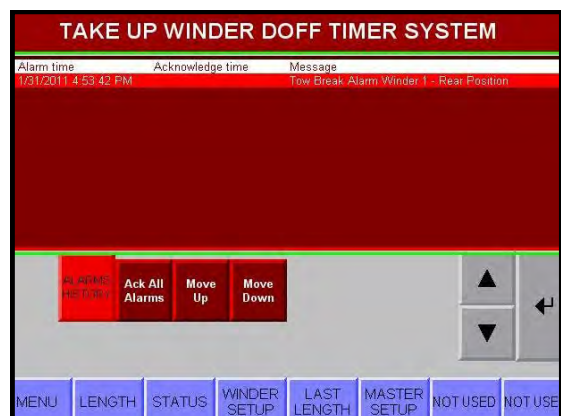
The first screen to appear when the power is turned on. It is used by the operator to quickly access the most commonly used screens for winder setup and operation.



Master setup screen used by the operator to enter a single set of parameters that is sent to all the winder positions.



This screen serves a dual purpose to allow individual winder parameters to be set and monitored. It also allows for any winder position to be set to different production lengths to be run at the same time.



This screen displays current alarms and history of alarms that have occurred.