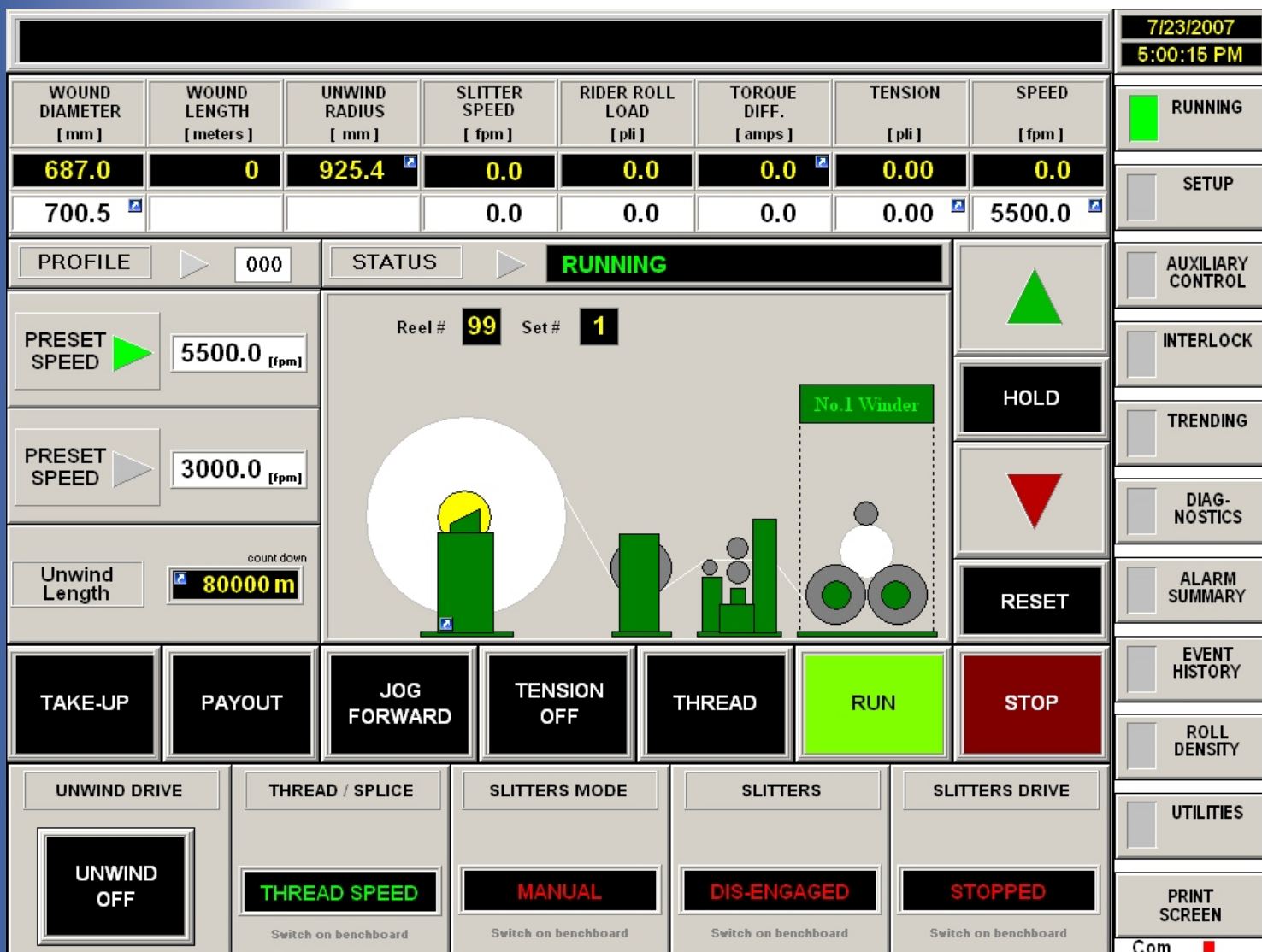# Ultimate Winder Control

Overview

Man-Machine Interface for modern and reliable control of your Winder

- Logical layout is easy to use
- Customized for your requirements
- Complete drive system diagnostics
- Real-Time Trending capability
- Alarm and Event logging
- Winder TNT (Tension-Nip-Torque) Recipe management

7/23/2007
5:00:15 PM

WOUND DIAMETER [mm]	WOUND LENGTH [meters]	UNWIND RADIUS [mm]	SLITTER SPEED [fpm]	RIDER ROLL LOAD [pli]	TORQUE DIFF. [amps]	TENSION [pli]	SPEED [fpm]
687.0	0	925.4	0.0	0.0	0.0	0.00	0.0
700.5			0.0	0.0	0.0	0.00	5500.0

RUNNING

SETUP

PROFILE   000

STATUS   RUNNING

AUXILIARY CONTROL

INTERLOCK

PRESET SPEED   5500.0 [fpm]

PRESET SPEED   3000.0 [fpm]

HOLD

TRENDING

DIAG-NOSTICS

Reel # 99   Set # 1

No.1 Winder

Unwind Length   count down   80000 m

RESET

ALARM SUMMARY

EVENT HISTORY

TAKE-UP	PAYOUT	JOG FORWARD	TENSION OFF	THREAD	RUN	STOP

ROLL DENSITY

UNWIND DRIVE	THREAD / SPLICE	SLITTERS MODE	SLITTERS	SLITTERS DRIVE
UNWIND OFF	THREAD SPEED	MANUAL	DIS-ENGAGED	STOPPED
	Switch on benchboard	Switch on benchboard	Switch on benchboard	Switch on benchboard

UTILITIES

PRINT SCREEN

Com ■

ADVANCED
SYSTEMS INTEGRATORS

Powerful Capabilities

Features

Built with Wonderware InTouch to allow for easy customization to your needs

Optimize parameters

Unwind Radius Over-Spool	0 mm	TENSION REGULATION MODE	WEB THREAD MODE
Unwind 'Stop-to' Radius	0.0 mm		
Unwind 'Slow-down' Radius	100.0 mm	TENSION	OVERWIND
Unwind 'Slow-down' Speed	4000 fpm	Switch on benchboard	Switch in drive cabinet
Wound Diameter Setpoint	700.5 mm	COGNEX MODE	MAJIQ MODE
Wound Length Setpoint	0.0 meters	ON / OFF	ON / OFF
Slitters Auto Disengage Speed	325 fpm		
Jog/Thread Speed	50 fpm	DRUM BRAKES MODE	"STOP-TO" SOURCE
Splice - Jog/Thread Speed	40 fpm	OFF	MAJIQ / OI
Payout/Take-up Speed	50 fpm	Switch on benchboard	
Unwind Density	0.0 kg/m^3	"STOP-TO" MODE	TRIM SIZE TENDING SIDE [mm]
Reel Spool Diameter	736.6 mm		
Core Diameter	0.0 mm	DIAMETER	0 mm
Basis Weight	0.0 g/m^2		Data for COGNEX

Troubleshoot with interlock diagrams

Diagnose drive problems

Manage alarms

Reduce down time
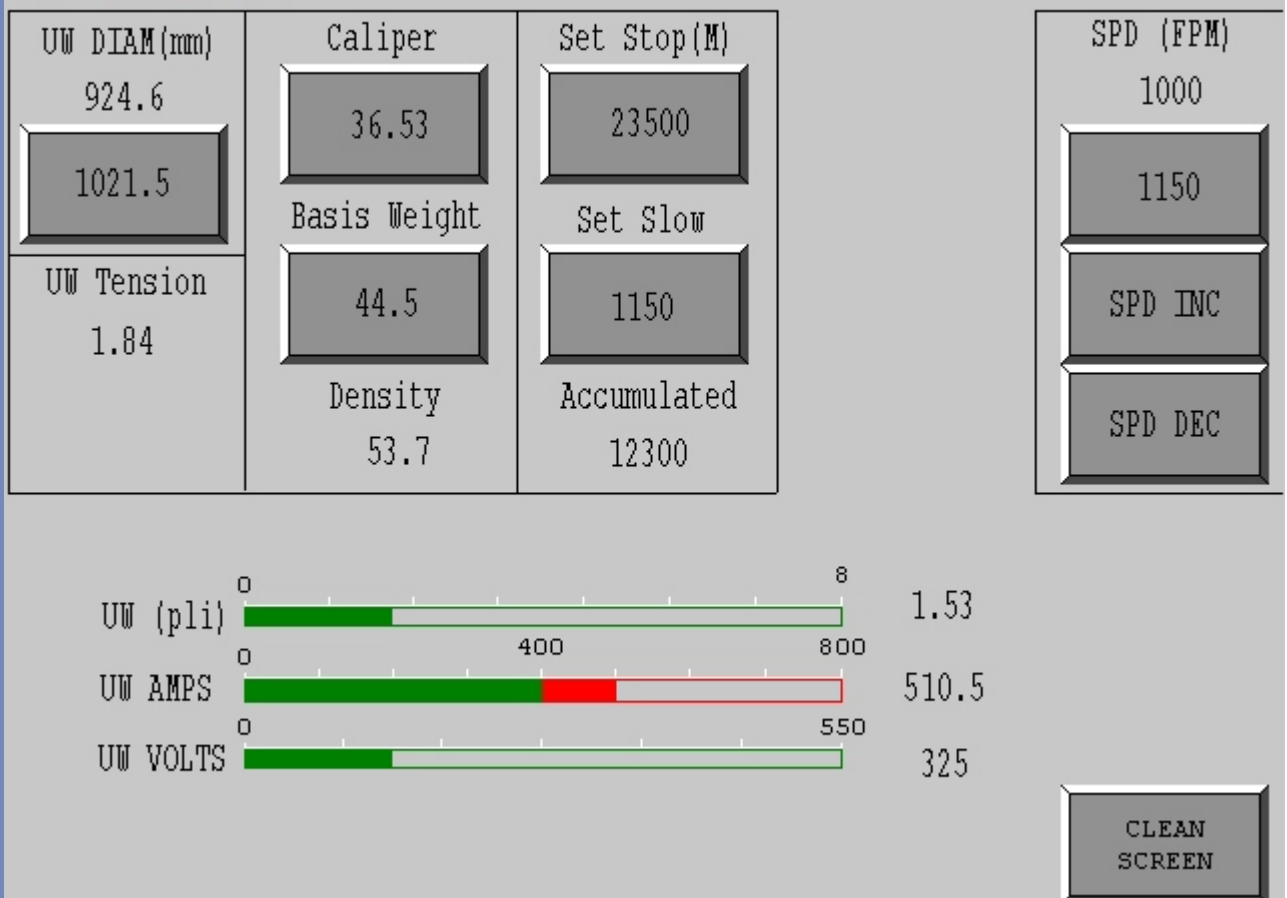

Monitor process in real-time

operator interface

PanelView Option

Simplified

A lower cost option of using a PanelView module for a simple interface is available

- Lower cost than full InTouch interface
- Ethernet connectivity to ControlLogix PLC
- Support for the latest PanelView models

Winder

UW DIAM(mm)	Caliper	Set Stop(M)		SPD (FPM)
924.6	36.53	23500		1000
1021.5				1150
	Basis Weight	Set Slow		
UW Tension	44.5	1150		SPD INC
1.84				
	Density	Accumulated		SPD DEC
	53.7	12300		

UW (pli)   0 — 8   1.53

UW AMPS   0 — 400 — 800   510.5

UW VOLTS   0 — 550   325

CLEAN SCREEN

operator interface

About Us

The capabilities of modern controls exceed the requirements of most production machinery, that they should never be the limiting factor of performance or reliability. Yet, these controls and their interface with other disciplines have become highly complex and require specialized knowledge and expertise.

Advanced Systems Integrators' mission is to provide this knowledge and expertise in all stages from procurement to final operation, with a team of specialists motivated by the satisfaction of successful performance.

Contact

To find out more about our operator interface, please contact us at:

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