

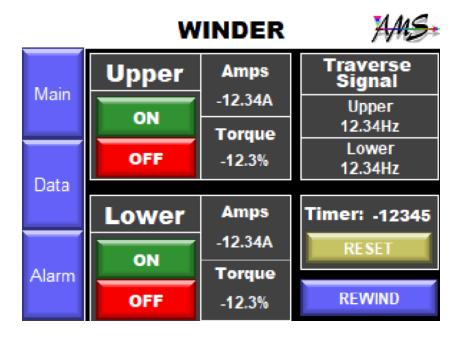
Automated Manufacturing Systems

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Dual Shaft Winder Automation Direct - Quick Start

Main Page

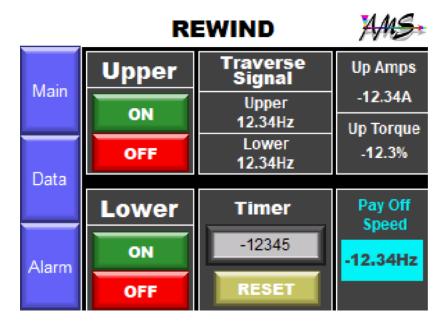


The Main Page allows the operator to see and control the key commands to operate the system, with Start-Stop buttons, real time values for Amps and Torque for both the upper and lower winder's shafts.

At the upper right corner, the operator can see the input frequency for the upper and lower shaft, which is a signal resulting from the process of the line speed and the dancer position.

Additionally, there's a Timer located at the lower right corner of the screen, that indicates the amount of time a winder is being run for. It automatically resets when the winder is restarted, or it can also be manually reset with the Reset button. It is for reference only.

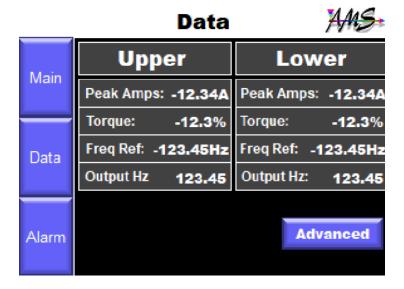
Rewind Page



The Rewind page allows the operator to manually control the input frequency signal of the Upper and Lower shaft for Pay Off function. To enable it, change the position of the Pay Off switch (right side of the console) from OFF to ON.

The Top Spindle will then become a driven Pay Off. To set its speed select a number such as 5 to 10 HZ in the Turquoise Field. Then press ON for the Upper Spindle. On the front Panel, the Lower (or Bottom) Spindle needs to be selected, and the Lower ON button can be turned on. The Lower Spindle will begin to wind using the Dancer Signal to control speed. Additional Idlers will be required to string the product out and around the dancer, and then back into the Lower Spindle.

Data Page



The Data page allows the operator to see details of the Upper and Lower motor. Values in White are Read Only. This page may be helpful for troubleshooting purposes.

Alarms Page

	Alarms		AMS:
Main	Alarm Summary To Message		otal of 4 Alarms Activated
	Message-1		23/02/01
Data	Message-2 Message-3		23/02/01 23/02/01
	Message-4		23/02/01
Alarm			
	Clear All	Confirm	Confirm All

The Alarms page has a report of all the past and current alarms occurring in the system. The operator can clear them or acknowledge them with the buttons at the bottom side.

When the e-stop is pressed, and alarm will trigger and a message will display.

Advanced Page

	Advanced	MS.
Main	Traverse Gain (UP) %:	-123.4%
	Traverse Gain (LOW) %:	-123.4%
Data Alarm	Winder Torque Limit %:	-123.4%
	Winder Speed Limit %:	-123.4 FPM
	Driver's Output Current:	-1.2A

The advanced page is password protected and should only be used by trained personnel. This page contains values for the winder's operation, including its gain, torque and speed limits. Additionally, the Drive Output Current which is set from the factory for scaling purposes.

Traverse Gain allows the technician to adjust the useable range for the traverse speed. Traverse speed can also be adjust mechanically on the traverse carriage itself.

Winder Torque Limit and Winder Speed Limit are only applicable if Torque Control us supplied.

Drive Output Current is set to the nameplate on the VFD itself to allow correct scaling of display values.