



# WHITLOCK-MATERIAL HANDLING

## VACTRAC™ SERIES LOCAL I/O CONVEYING CONTROL

### State-of-the-Art Programmable Conveying Control

#### User-Friendly Controls Programmable Controller

Vacuum conveying has never been simpler or more versatile than with AEC's new VacTrac™ Series Controller. Each controller merges state-of-the-art technology and control your most demanding material handling needs.

### FEATURES

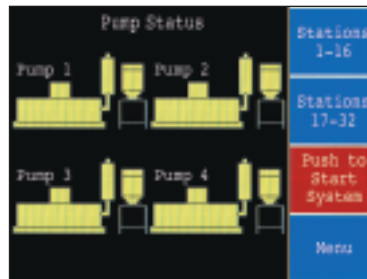
- Allen-Bradley SLC 500 Series programmable controller
- 6" color touch-screen operator interface
- Control of up to 32 loading stations
- Ability to control up to four VacTrac™ power units
- Operating instructions built into the controller
- Local I/O
- Prioritized station loading
- Time-fill or volume-fill operation
- Central filter blowback control
- Easy replacement of existing conveying system controls



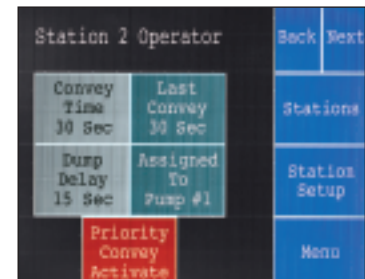
OPTIONAL 10" TOUCH SCREEN



STANDARD 6" TOUCH SCREEN



Quick view of vacuum pump status



User-friendly setup screen for each station



1100 E Woodfield Road  
Schaumburg, IL 60173 USA  
Tel. 847-273-7700 Fax 847-273-7804





# WHITLOCK-MATERIAL HANDLING

## VACTRAC™ SERIES LOCAL I/O CONVEYING CONTROL



### VTC4/32 STANDARD FEATURES

- NEMA 12 enclosure
- Disconnect switch
- Fused outputs
- Terminal strip connection points

### HARDWARE FEATURES

- Allen-Bradley SLC 500 Series programmable controller
- Panel View 600 touch-screen interface
- 115/1/50-60 supply voltage
- 24 Volt DC control output

### AVAILABLE OPTIONS

- 115 VAC Output
- 220/1/50-60 supply voltage (24 volt DC output only)
- 10" color touch-screen operator interface
- Remote audible/visual alarm
- Ethernet capability

### SOFTWARE FEATURES

- 1- to 32-station, 4-pump control
- Pumps 2 through 4 have full capabilities or can be set as standby
- Active station icons indicate status
- Easy-to-read display



Fused outputs with terminal strip connection points



Electrical disconnect switch



Touch-screen control for quick/easy visual monitoring of pump status



Remote central alarm (optional on all units)



1100 E Woodfield Road  
Schaumburg, IL 60173 USA  
Tel. 847-273-7700 Fax 847-273-7804



HEAT & COOL



BLEND & RECLAIM



NELMOR/  
GRANULATE



DOWNSTREAM  
EXTRUSION



AUTOMATE



SYSTEMS  
CONTRACTING



SERVICE



# WHITLOCK-MATERIAL HANDLING

## VACTRAC™ SERIES LOCAL I/O CONVEYING CONTROL



### STANDARD FEATURES FOR ALL VACTRAC VTC CONTROLLERS

- Ability to operate single or multiple VacTrac vacuum power units (VTP, VTPB OR VTTV)
- NFPA79 and UL compliance, including:
  - Electrical disconnect
  - NEMA 12 control enclosure
- Automatic pump shutdown
- Up to 32-station control capability
- Selectable pump and receiver configuration
- "Time-fill" or "volume-fill" operation 115/1/50 or 60 supply voltage
- 24 VDC or 115 VAC control output

### VTC1/5 CONTROLLER ALSO INCLUDES:

- Mitsubishi programmable relay controller
- Numeric display on panel
- User-friendly interface

### VTC2/9 CONTROLLER ALSO INCLUDES:

- Mitsubishi PLC
- Alpha-numeric display
- Control of 2 vacuum power units
- Control of up to 9 loading stations



1100 E Woodfield Road  
Schaumburg, IL 60173 USA  
Tel. 847-273-7700 Fax 847-273-7804

[www.aecinternet.com](http://www.aecinternet.com)



HEAT & COOL



BLEND & RECLAIM



NELMOR/  
GRANULATE



DOWNSTREAM  
EXTRUSION



AUTOMATE



SYSTEMS  
CONTRACTING



SERVICE



# WHITLOCK-MATERIAL HANDLING

## VACTRAC™ SERIES LOCAL I/O CONVEYING CONTROL



### VTC2/20 AND VTC3/33 CONTROLLER ALSO INCLUDES:

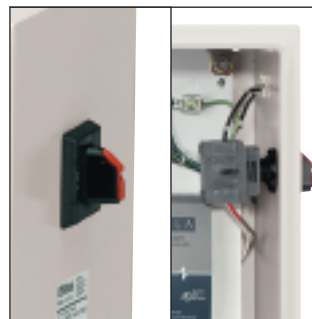
- Allen-Bradley MicroLogix 1500 PLC
- 6" color touch-screen interface
- Fused output blocks
  - Block of outputs share a common fuse
- Control of up to 2 or 3 vacuum power units (varies by model)
- Control of up to 20 or 33 loading stations
- Can be used to upgrade older existing conveying systems

### TYPICAL APPLICATIONS INCLUDE:

- New medium sized conveying system installations
- Control system upgrade of older vacuum conveyor systems
- Combination of smaller conveying systems into one central control panel

### AVAILABLE OPTIONS:

- 115 VAC control output
- 230/1/60 supply voltage - 24 VDC output only
- 220/1/50 supply voltage and CE compliance
- 10-position high-level cut-off selector switch
- Audible/visual alarm
- PanelView 10" color touch-screen in lieu of standard 6"



Electrical disconnect switch



Remote central alarm (optional on all units)



1100 E Woodfield Road  
Schaumburg, IL 60173 USA  
Tel. 847-273-7700 Fax 847-273-7804

[www.aecinternet.com](http://www.aecinternet.com)



HEAT & COOL



BLEND & RECLAIM



NELMOR/  
GRANULATE



DOWNSTREAM  
EXTRUSION



AUTOMATE



SYSTEMS  
CONTRACTING



SERVICE