



# AMERICAN CONTROL & ENGINEERING SERVICE, INC.

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## WF Meyers and Standish Quarry Saw Controls Retrofit Kit

### Are you ready to have a new machine without the cost?

Thank you for purchasing ACES controls retrofit plan for Meyers and Standish Quarry Saw machines. With this kit, our customers have new upgraded controls without the cost of a new machine. The system comes preprogrammed and ready for installation. Any technician skilled in machine wiring and troubleshooting can install the kit. Our installation guide includes wiring diagrams and will show how to wire to your existing saw instrumentation. Our service engineers support your installation via phone and email.

This plan has two options:

1. A kit consisting of completed cabinets ready to be mounted in the existing locations. Cabinets consisting of Allen Bradley PLC, PanelView 7 HMI, Yaskawa Servos and Motors, wiring diagrams, terminal strips and other small parts are shipped upon payment completion.
2. Units can be shipped to our facility in Kansas and where our technicians retrofit the components described in option 1. Test and prepare unit for return.

Parts Include:

Allen Bradley 1769 CompactLogix PLC

Allen Bradley PanelView Plus 7, 9" screen

Yaskawa SigmaLogic 7 Compact Servo

Yaskawa SGM7A Servo Motor

Reversing Contactors

Motor soft starter

Ethernet switch for communication between devices.

Terminals, din rail, wire, limit switches, cables and fittings required to reconfigure wiring.

Wiring Diagrams.

Installation Guide.

The kit and the installation plan is designed to reuse the majority of original wiring. Most of the field wiring devices are simply removed from existing plug locations and subsequently landed on the new terminals supplied in the kit. The installation requires technician to connect existing wiring and conduit to the new cabinet, terminals and PLC.

**Find us @ [www.THEACESINC.com](http://www.THEACESINC.com)**



American Control & Engineering Service Stone Quarry Saw Saw Number: 2		Main Menu		Login	Logout	Operator 3:39:30 PM
● E-Stop OK	Rotation Angle: 0.00 °	Rotation Target Degree: 14.85 °	● Set-up Complete			
● Servos On	Current Cut Depth: 0.00 in	Target Cut Depth: 81.00 in	● Belt Speed OK			
● Direction Selected	Traveled Distance: 0.00 in	Target Travel Distance: 40.00 in	● Not In Bypass			
● Servos Homed	Rotation Speed: 0.000 deg/s	Travel Speed: 0.00 in/min	● Water PSI OK			
● Shutdown Warning	Cut Depth Remaining: 81.00 in	Rotation Remaining: 14.85 °	● Ready for Auto			
	Actual Amperage: 0.00 amps	Distance Remaining: 40.00 in				

Blade Direction

Main Menu	Setup	Control	Totalizer	Maintenance Menu	Alarms
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The price for the controls retrofit kit is USD \$40,000 (price may change based upon options when the saw was built, please contact us to discuss options)

Any saw can be shipped to our facility in Kansas where it is retrofitted and tested for proper operation. The price for installation is USD \$7,000 (Freight costs not included)

## ***Built with Reliable and Quality Components***

- ◆ Allen Bradley**
- ◆ Schneider Electric**
- ◆ Yaskawa Servos and Motors**
- ◆ and many more!!!!**

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