

ECO300 CONTROLLER



Affordable, Powerful, and Reliable

The Eco300 ladle controller is an affordable solution to outdated OEM 305 ladle controls. The Eco300 controller has all the features users upgrading from Micro or Triangle controllers are familiar with along with new features only available on higher end new controls from the OEM. The Eco300 controllers are built using the proven reliable and powerful Allen Bradley Micrologix 1400 processor. The programming and information display have been simplified to include an operator interface with a 5.7" color touch screen with a 200MHz processor. The operator interface program is engineered so that operators familiar with existing Micro, Triangle or 300 series controls, will be able to program and navigate through screens quickly, with little or no additional training. Full text fault messages and built in troubleshooting suggestions help get you back up and running faster.

The Eco300 controller come standard with a 32 pin OEM quick disconnect receptacle on the side of cabinet making installation and disconnecting the ladle for maintenance quick, easy, and safe for personnel.

To learn more how the Eco300 controller can improve your ladle performance and reliability while saving you money, please contact your DieKast sales representative to schedule an onsite demonstration.

FOR MORE INFORMATION
call (616)298-8572
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System Features

- Allen Bradley Micrologix 1400 processor and I/O modules
- 5.7" color touch screen with 200MHz Microprocessor
- Dual DC drives allow for simultaneous operation of arm and dipper motors
- Push buttons mounted in cabinet door allow for easy operation
- Full text message faults with built in troubleshooting information
- Built in help screens for all settings
- ANSI B 152.1-2000 safety compliant
- Stores 50 user defined setup programs
- Design allows for fast and easy programming
- 24 VDC encoders are "plug & play" for standard 305 ladles
- Option to password protect set up screens (Factory enabled)
- Advanced communication capabilities provide flexible interlocking options with DCM

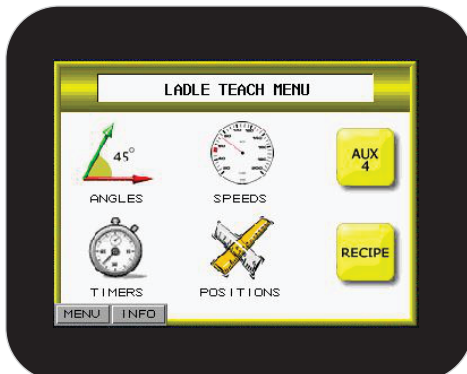
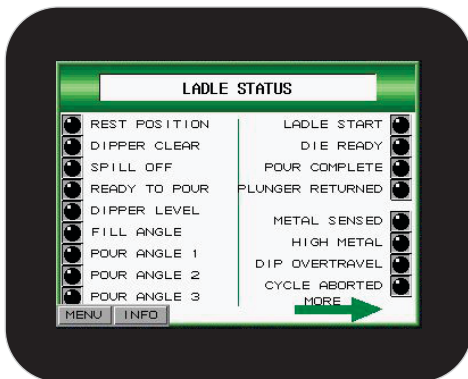


Optional Features

- Heavy Duty (required for 1HP Motors)
- 36"x 30"x10" enclosure (Heavy Duty Option)
- Heat sinks for drives
- Push button station
- Customer specific screens to accommodate additional process requirements
- Custom push button and selector switch layouts for manual operations
- Quick disconnect plug for machine interlocks
- Main panel air conditioner unit
- Ethernet communications for off site monitoring
- Ethernet switch

Specifications

- 30"x 24"x 8" NEMA 4 enclosure
- 36"x 30"x 10" NEMA 4 Enclosure (**Heavy Duty Option**)
- Input Voltage : 120 VAC (**240 VAC for Heavy Duty Option**)
- 24V dc logic
- Ambient Temperature: 50°C (122°F)



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