



## CLOSING MACHINE: TIMING AND ADJUSTMENT CLASSES FOR ANGELUS 60L & 61H SEAMERS

TWO DAY CLASS | SILGAN EQUIPMENT CENTER | 5701 Frontier Rd., Oconomowoc, WI 53066

### ABOUT CLOSING MACHINE: TIMING AND ADJUSTMENT CLASSES FOR ANGELUS 60L & 61H SEAMERS

- Class is hands-on training covering basic closing machine adjustments that may be needed during a production day, including setting double seams, first and second operations, spring pressure, pin height, equipment timing, cover feed, etc.
- Students are instructed on how to perform a precision set-up, verify the proper size and set-up of all change parts.
- Two days training at our Oconomowoc, WI Training Facility.

### WHO SHOULD ATTEND?

Supervisors, mechanics, quality control personnel, and line operators.

### SCHEDULE AND REGISTRATION

For classes details, schedules and for individual and group registration, please visit:

[www.silganu.com/division/containers](http://www.silganu.com/division/containers),  
or email us at: [SilganU-CES@silgancontainers.com](mailto:SilganU-CES@silgancontainers.com).



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Our **Customer Equipment Services** offer Best-In-Class training to ensure that your staff is fully knowledgeable about caring for your equipment and understands the canning process in-depth. Silgan University provides hands-on instruction in metal food packaging taught by experienced professionals.

#### SILGAN EQUIPMENT CENTER

5701 Frontier Rd., Oconomowoc, WI 53066 | (262) 569-5200

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### ANGELUS 60L CLASS CONTENT

#### DAY 1

1. Double Seam Training Class
2. Machine Set – Up using the Top Double Seam Guide
  - Pin Height Setting
  - Spring Pressures
  - Lower lifter drop from feed table (.010 - .015")
  - Cover Bell Guide Clearance to end on seaming chuck (.015")

#### DAY 2

1. Timing Points and Adjustments
  - Main Turret to Cap Feed Turret
  - Feed Chain Timing to Can
  - Clearance for Can Guide Rails to Can
  - Main Turret to Can Discharge Turret
  - Cap Feed to Cap Feed Turret
  - Set Cap Centering Cam (synchronize and height adjustments)
  - Set Knockout Rod Discharge Cam
  - Set 1st Operation Double Seams
  - Set 2nd Operation Double Seams

### ANGELUS 61H CLASS CONTENT

#### DAY 1

1. Double Seam Evaluation Class
2. Basic machine adjustments –
  - Lower lifter spring pressure
  - Pin height adjustment
  - Explanation of the importance of proper can to lifter drop
3. Set –up and assemble seaming rolls 1st and 2nd operation
4. Explain the use of the 2nd operation seaming cam lever (on/off seam)
5. Use of wires to set 1st operation seams
6. Use of wires to set 2nd operation seams

#### DAY 2

1. Timing of the machine
  - Time the cover feed turret to the seaming turret
  - Time the discharge turret to the seaming turret
  - Set the timing of the lid feed separator to the cap feed turret
2. Demonstrate the set up of the lid feed separator
  - Each student will set up the lid feed
3. Set 1st operation double seams and evaluate
4. Set 2nd operation double seams and evaluate
  - Demonstrate proper teardown techniques (manual vs. automated)
5. Question and Answers