



Installation Instructions

Layer Picker Electronic Swing Control Operation and Adjustment

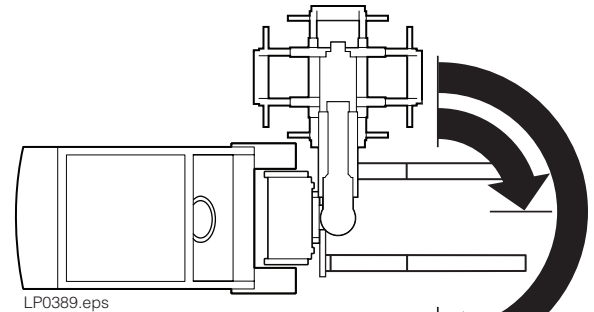
This sheet provides operation and adjustment instructions for Cascade Layer Pickers equipped with Electronic Swing Control (ESC). Swing control provides accurate stops at left, middle and right of the swing function.

Operation and Adjustment

- 1 When swinging, the attachment boom should stop at the left, middle and right positions. Wait 3 seconds after stopping OR press the swing override button to continue swinging.
 - If boom **stops** at middle position, continue with step 2.
 - If boom **stops momentarily and then continues** at the middle position:
 - A** Reduce the hydraulic input pressure for the swing function.
 - OR**
 - B** Adjust both swing valve side counterbalance cartridges CCW in 1/2 turn increments until boom stops at the middle position.
- If boom **does not stop** at the middle position:
 - A** Inspect the wiring. Look for loose connection or pinched cables.
 - B** The limit switch end rollers are not fully engaging the deceleration ramp in the middle position. Adjust the limit switch actuators to engage the ramp. The ramp can also be adjusted for precision of the stop position.

 - 2 To continue swing, wait 3 seconds after stopping or the swing override button must be pressed to continue swinging the boom.

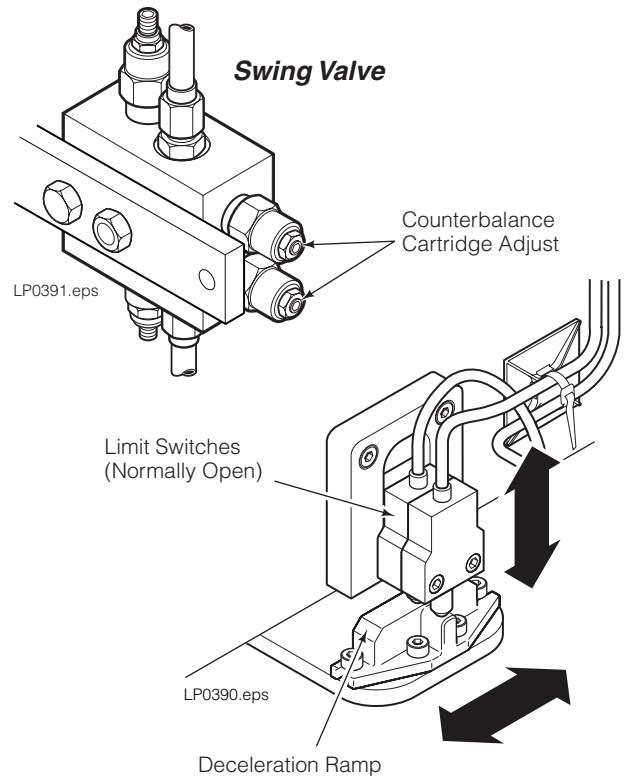
To swing boom without stopping in the middle position, press the override button.



Boom swings to left, middle and right positions.

Pressing the override switch allows continuous swing.

Wait 3 seconds or press the override button to continue swinging.



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Swing Control Electrical Hookup

NOTES:

- 1 All cables 2-conductor with Deutsch-type connectors.
- 2 Recommendations:
 - Electrical Power Relay preferred as a minimum for swing control.
 - Power Bus/Relay preferred for multiple accessories.
- 3 For relay or power bus installation, refer to the following:
 - Relay Installation Instructions 6006270
 - Power Bus Installation Instructions 6019876

