

A. CONTROLS

RIGHT HAND CONTROL

1. Up/Down Control Handle.

Green Lever: UP Red Lever: Down. These controls are variable speed by amount of thumb pressure applied.

LEFT HAND CONTROL

1. Vacuum ON Button

Depress to initiate vacuum circuit. Note vacuum gauge. Safe vacuum is achieved at 20inHg of mercury as displayed on gauge. If gauge reads less than 20inHg, check airlines for leaks, cups for damage, or incoming plant air pressure (Should be 90 PSI or greater).

2. Vacuum OFF Button

This control button is equipped with a blow-off circuit. Once load is placed upon supportive surface, depress and hold the button to initiate blow-off. The cups will stick to the solid surface of blow-off if not initiated.

3. Tilt 90 Degree Switch - This control is a 90 Degree toggle switch.

Turn switch to initiate tilt.

Note: Keep load in horizontal position throughout transfer along crane. Tilt when near position for placing product. Avoid carrying load along crane travel in vertical position as it places unnecessary stress on the system.

B. ADJUSTMENTS

ROTARY ACTUATOR

1. The rotary actuator is equipped with flow controls to allow the speed of tilt to be adjusted. Dial the flow control to desired speed and set the lock screw
2. The rotary actuator is equipped with mechanical tilt adjustment. Set screws on the body will allow adjustment within a 94 degree tilt range

CONTROL HANDLES

1. The pitch of the control handles can be set for operator comfort by loosening the locking collar and re-adjusting. Always lock in place prior to use.

CUP SLIDES

1. The vacuum cups are on slides to allow for positioning along the spreader beam. Assure cup slides are locked in place prior to use.