

High Capacity Feeder Module- Tray Limit & Over-Travel Protection

Tray Limit & Over-travel Protection

Limit Sensing

The elevator has normal down limit sensing for the trail edge (TE) and lead edge (LE) to stop the tray in the down position. The elevator has up limit sensing to protect the feed head if the stack height sensor doesn't stop the upward travel of the tray at the proper stack height.

Over-travel Protection

If limit sensing fails, the elevator has up and down over-travel switches which open the +36VDC line to the trail edge and lead edge Lift Motor.