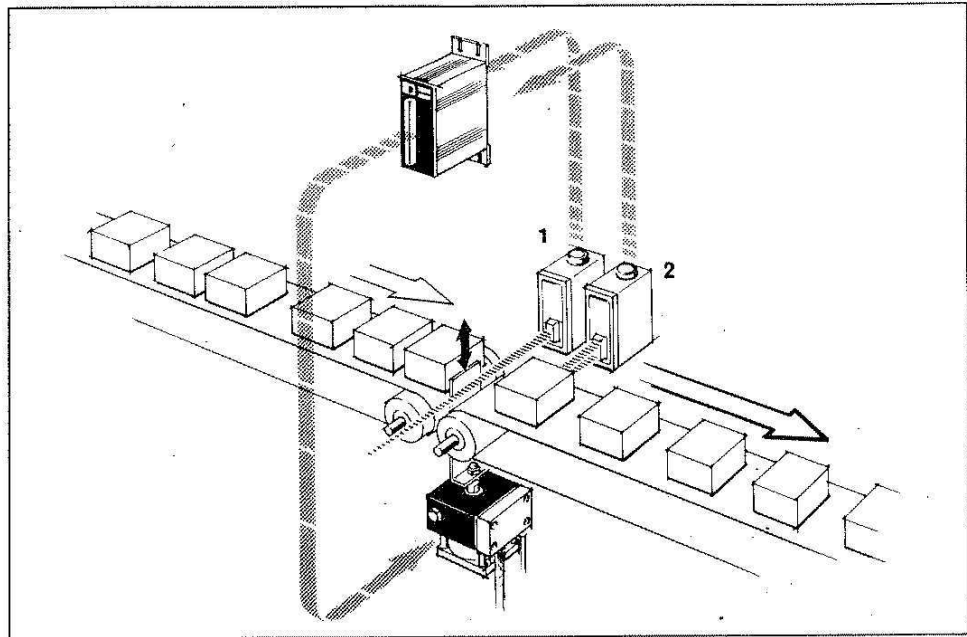


FLA Linear Actuator - Conveyor

Application Info: 016 [11.2005]



Items are carried on two conveyors. On the first conveyor the items are at random spacing. A mechanism is installed between the conveyors to ensure items load to the second conveyor at an even pitch.

Second conveyor runs faster than first.

When sensor 1 registers the rear edge of an item, a signal is given to the FLA so that a pawl can rise to block further oncoming items.

When the rear edge of the same item passes to register sensor 2 another signal is given to the FLA to withdraw the pawl and allow another item to load to conveyor 2.

Advantages

- The short reaction time and fast movement of the FLA, allows high cycling frequency and subsequently high production capacity.
- The FLA is maintenance free.