

# Applications

## Origa Rodless Cylinders @Work: Potato Sweeper

### ORIGA RODLESS CYLINDERS @ WORK: POTATO SWEEPER

#### Problem

Need to devise a method of diverting the flow of potatoes on a conveyor to fill adjacent hoppers without the operating mechanism extending beyond the width of the belt.

#### Solution

A diverter blade is attached to each piston yoke of two 40mm diameter, 450mm stroke Origa Rodless Cylinders erected above the conveyor in a gantry formation. The blade positions are moved as each hopper becomes full.

#### Results

- A simple, effective solution
- No external guidance required
- Maintenance free operation
- Uses the existing control system
- Easily installed as a retrofit
- No product contamination

