



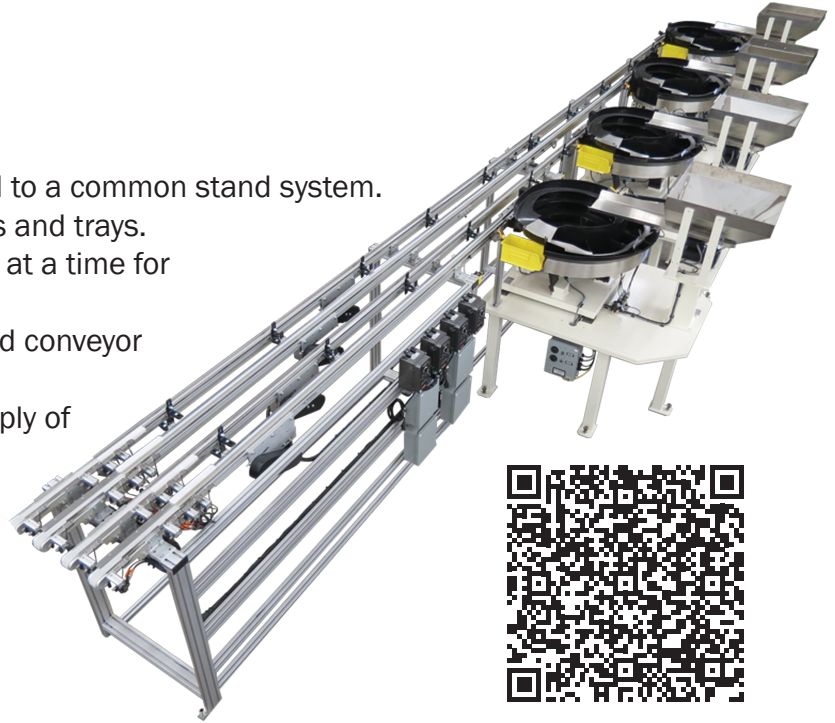
PERFORMANCE FEEDERS

CUSTOM INTEGRATED FEED SYSTEM

This system integrates 4 vibratory feeder bowls with a multiple-belt conveyor system and a part isolation system to provide a turnkey system feeding parts into an automatic assembly machine.

This system includes:

- (4) 27" diameter vibratory feeder bowls.
- (4) Auto-Kinetics Model 55 belt conveyors mounted to a common stand system.
- (4) 3 cu. ft. supply hoppers with stainless steel bins and trays.
- Custom isolation mechanism that presents 8 parts at a time for placement into the assembly process.
- Standard Performance Feeders vibratory feeder and conveyor controllers.
- Integrated sensors to automatically control the supply of parts into the bowls and conveyors.
- Isolation mechanism sensors wired to interface with the assembly machine's control system.



Full Specification, Photos and Video:
<http://tinyurl.com/AppFlyer-08142>

FEATURES

- **Feeds multiple parts:** The bowls and hoppers include purge doors to facilitate quick part changeover.
- **Automated part inspection:** The bowls check each part before discharge to the conveyors, ejecting parts of the wrong type from the system.
- **Fully automatic operation:** Proximity sensors control the operation of the hoppers, automatically maintaining the proper bulk parts level in the bowls. Photoelectric sensors on the conveyors control the operation of the bowls, automatically maintaining an adequate supply of oriented parts in the conveyors.
- **Integrates with assembly machine:** The escapements and position sensors on the isolation mechanism are wired to junction boxes, allowing them to be easily wired into and controlled by the assembly machine's control system.

CONTACT PERFORMANCE FEEDERS



251 Dunbar Avenue
P.O. Box 1067
Oldsmar, FL 34677-1067

Phone: 813-855-2685
Fax: 813-855-4296
Web: www.PerformanceFeeders.com
Email: Sales@PerformanceFeeders.com