

Vibratory Parts Feeder Bowl

Vibratory bowl feeders are self-contained devices used to feed individual component parts for automated assembly operations. They orient and feed parts at a controlled rate, ensuring a consistent supply to downstream processes.



Overview

Automated Part Orientation

This vibratory parts feeder bowl is a self-contained solution engineered to orient and supply individual components for automated assembly lines. Designed to improve efficiency and minimize manual handling, the system utilizes a high-precision vibrating drive unit and a specialized track to deliver parts at a controlled, consistent rate. It is a critical component for high-throughput operations in the pharmaceutical, medical, automotive, and electronics industries.

Design and Geometry

Available Bowl Types

Conical, Cylindrical, Step-shaped

Installation and Fastening

Fastening Methods

- Middle fastening
- Exterior fastening
- ESSP electric quick-fastening system
- Vacuum fastening

Surface and Quality

Surface Finishes

Glass bead blasted • Electro-polished • Custom coatings upon request

Compliance and Documentation

Provided Services and Certifications

Documentation / Test Type

Material certificates

Material documentation EN 10204-3.1

Test certificate of approved welder

Surface roughness measurement

Delta ferrite content measurement