FM Tilting Blade Screw Feeder

Categories: A-Automation Systems, Automatic Screwdriving, M-Hand Tools, Semi-automatic screw feeders · **Brand:** NITTOSEIKO



Description

NITTO SEIKO's FM automatic screw feeders with tilting blades are precise, quiet, and reliable.
They can be used in manual, semi-automatic, or fully automatic applications.
The tilting blade selects screws, nuts, or studs from the collection basket and feeds them, by gravity, onto the vibrating linear guide, which pushes the part toward the ejection selector. A special mechanical feature prevents incorrect positioning on the linear guide.
- PRECISE
- QUIET
- RELIABLE
- Cycle enable;
- Adjustment of all machine parameters via a multifunction keypad;
- Setting of start/stop times and tilting speed;
- Adjustment of screw ejection time;
- Screw shortage alert on the horizontal guide;
- I/O connector for connection to a PLC;
- Setting the frequency, intensity, and duration of vibration after a screw is fired;
Setting the timing for signaling missing screws on the linear guide.
FORMULA FOR CALCULATING THE QUANTITY
OF SCREWS IN THE BASKET
{450 ÷ (0.785 × dK2 × (L+k))} × 0.9
Screws: M2-M6
Screw size: 2.0-6.0 mm
Head diameter: 12 mm
Number of mounting screws (standard version): 1-2
Please contact us for non-standard specifications.

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Note: The maximum screw lengths indicate the capacity of the feeders. For different screw shapes, please consult our technical staff

Intended use

Automatic

Semi-automatic

Robotic

Manual Pick-and-Place

Brand

NITTOSEIKO

Founded in February 1938, Nittoseiko specializes in fastening technologies and assembly automation, developing customized solutions based on customer needs.

Its technologies are used in the automotive, electronics, home appliance, and telecommunications industries, as well as in the production of automated assembly systems.

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