

Description

The Bowl Feeder is a cutting-edge component feeding solution designed to streamline the component insertion process within EMS companies and PCB assembly operations. By eliminating the need for manual handling, this feeder seamlessly integrates into existing SMT lines and pick-and-place machines. It offers a modernized and efficient approach to component insertion.



Specification

Dimensions	length x width x height	1120x460x910mm (front and rear discs)
	length x width x height	760x460x910mm (single disc)
	weight	Double disc: 190Kg, single disc: 150Kg
Applicable materials	Material type	Electronic components, hardware, plastic parts, connectors
	material size	3x3mm-50x50mm
	material weight	10g-300g
Structural part	Feeding method	Bulk material, vibrating plate feeding
	Feeding plate	Single tray feeding, front and rear tray feeding
	transfer material	Relying on direct vibration + blowing transmission
	Material positioning method	fiber optic sensing
	a fixed way	Positioning key + pressing block, supporting other fixed structures
	Polarity	This function can be selected according to the material
	cut feet	This function can be selected according to the material
Electrical part	Operating Voltage	220V
	Average Current/Peak Current	3A/5A
	working pressure	0.4-0.6Mpa
	Operation method	key operation
	Host computer connection	8 core ø16mm aviation plug
	communication method	Support IO communication or self-control without communication
	software control	Based on PLC development
	drive mode	coil drive
Feeding part	Feeding speed	0.8S
	speed gear	Voltage and Frequency Regulation
	Feeding accuracy	±0.5mm
Test record	Feed test	Achieve 2 hours of continuous feeding without exception
	Aging test	Continuous operation for 48 hours without exception
	service life	5 years service life



Welcome inquiry

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