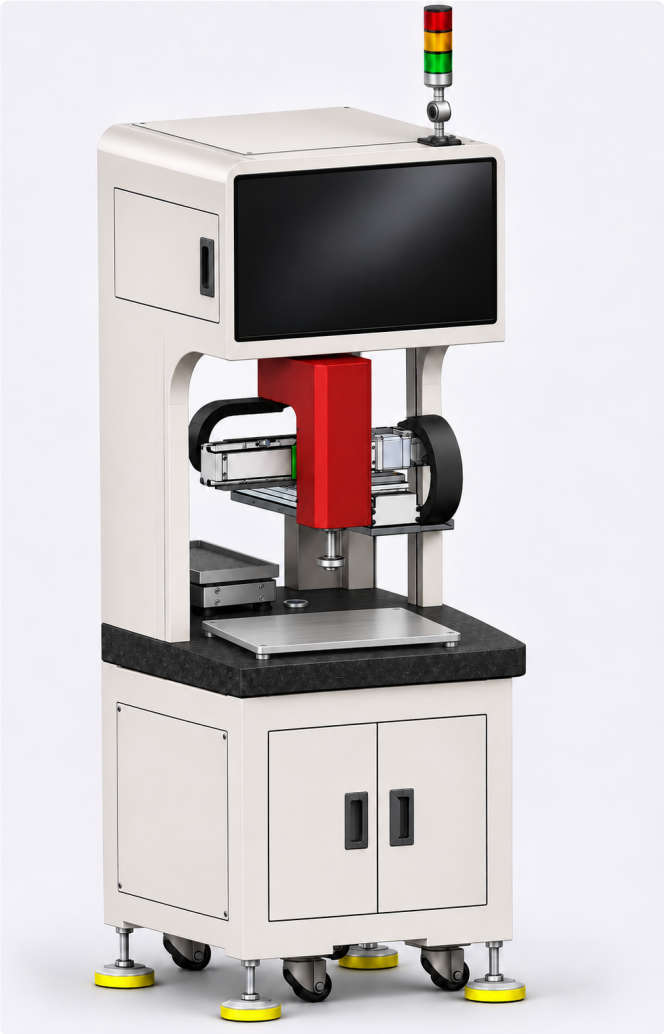


Product series / 02

Vision-Guided Tray Loader with Flexible Feeder

Loose small parts into trays

- **Rectangular flexible vibratory feeder**
- **Single- or dual-camera vision pickup**
- **Cartesian pick-and-place with tray support**

Typical tray-loading applications

Electronic, metal, plastic, rubber and ceramic parts



Technical specifications

Specification	SPP-B130-1 Single-camera	SPP-B130-2 Dual-camera	SPP-B150-2 Large-format dual-camera
Camera configuration	1 top camera	1 top and 1 bottom camera	1 top and 1 bottom camera
Feeding method	Rectangular flexible vibratory feeder	Rectangular flexible vibratory feeder	Rectangular flexible vibratory feeder
Pick-and-place method	Vision positioning, vacuum pick-and-place	Vision positioning, vacuum pick-and-place	Vision positioning, vacuum pick-and-place
Feeder dimensions	180 × 140 mm	180 × 140 mm	305 × 226 mm
Hopper capacity	3 L	3 L	5 L
Placement area	250 × 200 mm	250 × 200 mm	350 × 250 mm
Machine length class	1300 mm class	1300 mm class	1500 mm class
Placement accuracy	±0.15 mm	±0.1 mm	±0.1 mm
Reference hourly output	3000–4500 parts/h	2500–3500 parts/h	2500–3500 parts/h

Values are for model selection. Final specifications follow the technical agreement. Images are illustrative.