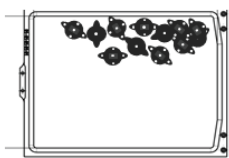


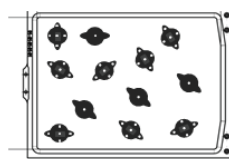
FlexCube 530

3-axis part feeder targets **robotic assembly, palletizing** applications

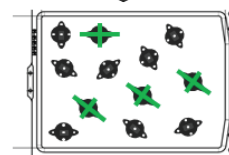
- The FlexCube 530 vibrating platform is the ideal flexible feeder for components **from 30 to 150 mm**.
- 3-Axis Vibration Technology can handle bulk components of any geometry and allows for extremely gentle part feeding.



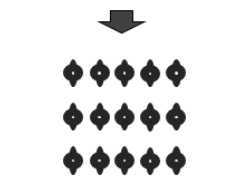
Bulk parts are dropped on vibratory platform



Parts are spread evenly thanks to the intelligent 3-axis vibration



Vision system detects which parts are correctly oriented




Parts are picked and assembled by robot

FEEDER ADVANTAGES

- **Compatible with all part geometries:** 99% of parts can be fed on our feeders - including complex geometries and delicate materials
- **Gentle part handling due to innovative 3-axis vibration technology:** parts can be moved in all directions, including the optimal choice of flipping amplitude for each part. Minimal abrasion as parts do not need to be recirculated. Platform purge possible
- **Advanced reliability and durability** due to State-of-the-Art Voice Coil Technology ; no compressed air needed
- **Precise part detection** thanks to integrated, adjustable backlight / optional SmartSight visual part detection system
- **Systematic part orientation** can be achieved with intelligently structured platforms (grooves, holes, nests, various materials)
- **Minimum production changeover times** enable flexible, future-proof production systems
- **Easy configuration**
- **Various hopper sizes**

SPECIFICATIONS

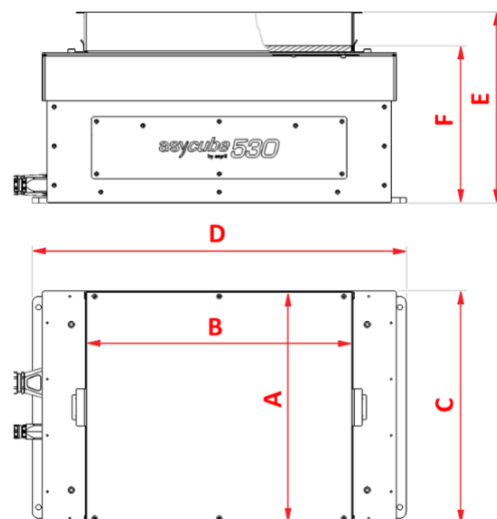
Communication	Ethernet (TCP/IP), Modbus TCP
Power supply	24 V, 20 A
Backlight synchronization input	
Software Communication Plugins	FANUC  DENSO STÄUBLI

OPTIONS

Vibration plate	flat / holes / grooves / nests / pockets / various materials
Connection cables	Power / communication / backlight
Various hopper sizes	15 L

DIMENSIONS

Typical part size	30 - 150 mm	1.6 - 6 in
Vibration platform	A: 371 mm	14.5 in
	B: 427 mm	16.8 in
Footprint	C: 372 mm	14.7 in
	D: 600 mm	23.7 in
Maximum height	E: 320 mm	12.6 in
Pick height	F: 255 mm	10 in



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