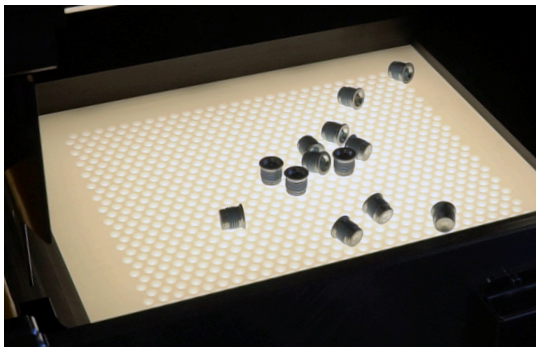
FLEXIBLE FEEDING TECHNOLOGY with Vibrotray

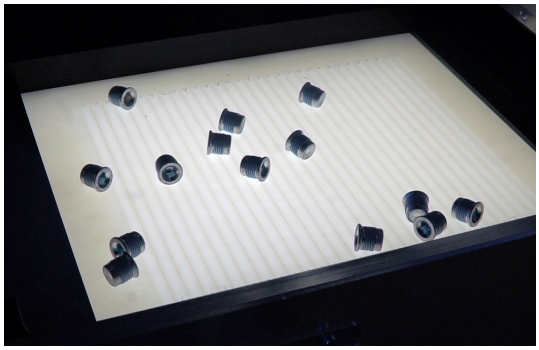
Our flexible feeding technology enables efficient parts supply via a vibrating tray. Targeted vibrations distribute, align, and turn components within the image processing system's detection range. Integrated backlighting ensures uniform, high-contrast illumination, providing optimal support for the image processing system.

Depending on the application, the flexible feeding technology can be combined with different camera systems, a storage system, and robots from various manufacturers – including collaborative models.
The electrical version is available either wirelessly, with a Profinet interface, or with integrated control.

Details

- Two vibrating tray sizes available (265 x 425 mm and 545 x 800 mm)
- Different surfaces for the sorting part support are possible, thanks to quick and tool-free tray bottom changes
- Suitable for almost all part geometries
- Vibration intensity can be variably adjusted
- Electric motor-driven
- Quick emptying and dirt removal possible
- Modular system, optionally expandable depending on the application
- Freely selectable storage options
- Industrial-compatible, robust construction
- Delivery rate: at least 10 parts per minute, depending on the size, material, and condition of the parts





Technical data			
		Size 1	Size 2
Overall dimensons (WxLxH)	mm	530 x 650 x 370	800 x 1070 x 450
Image area camera	mm	265 x 425	545 x 800

Dimensions of sorting parts			
		Size 1	Size 2
Min. permissible size	mm	5 x 5 x 2	20 x 20 x 2
Max. permissible size	mm	40 x 40 x 150	180 x 220 x 80
Weight per part	g	up to 30	up to 1500

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