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## DG FLEX FEEDER 603

HIGH FLEXIBILITY & OPTIMIZED FOR PARTS FEEDING



Our flexible vibration feeding systems, DG FlexFeeders, are made to make part handling and packing processes smoother, faster, quieter, more flexible, and above all profitable. We create products and services that cater to your expectations and will continue to evolve to meet your needs. We want you, our customers to have a competitive advantage, that's what you will get with our DG Flex-Feeders.

### **Outstanding flexibility allows feeding of small and midsize components**

The DG Flex Feeder 603 is world class parts feeding machine, standardized and optimized for small and midsize components. It combines speed and accuracy thanks to the integrated vision system, allowing cycle times down to 300 parts/min depending on geometry and part characteristics. It's developed to meet the high demands within machine, robot feeding and packaging industry, by offering an efficient and stable solution that's easy to use with high capacity. The 603 is optimized to handle parts between 15-150 mm with a minimum thickness of 2 mm and it's also one of the most silent solutions on the market.

### **Combines short cycle times with effective part separation**

Suitable for production that demands high flexibility with minimized set-up time, focusing on getting the most out of your production. It feeds your parts with gentle separation and thanks to the vibration technology it will also effectively separate tangling parts. The design of the feeding table prevents fluctuation, generating a continuous flow of parts combined with short cycle times.

### **The perfect economy system**

Our machine comes with a low investment cost but offers you a broad range of opportunities and stands for well-proven technology. The key for fast return of investments lies in the 603's flexibility and ability of handling many different types of components and its ease-of-use. DG 603 is based on technology that makes it perfect for automatic counting, sorting and orientation of components. Handling up to 1500 different components depending on geometry and characteristics. By just one quick operation the machine is re-set for a new component, taking less than 5 minutes for the operator to make a new teach-in.

### **Features**

- Standard machine for most flexible parts feeding
- Built for stand-alone use or integrated in larger cell
- Sorting, positioning and counting of workpieces
- Low cycle times and gentle handling of parts.
- Optimized for handling fragile workpieces
- Ease of use
- If required more buffer, our steel magazines can be added, 30L, 45L or 100L

## Technical information DG 603

	Description
Footprint	2,3 m <sup>2</sup>
Height	900-1368 mm
Width	1686 mm
Length	1165 mm
Main voltage	400 V, 50 Hz
Power consumption [W]	max 500 W
Air pressure [bar]	max 6 bar
Sound level (w.o. parts)	53 dB
Operating temperature	max 35°C

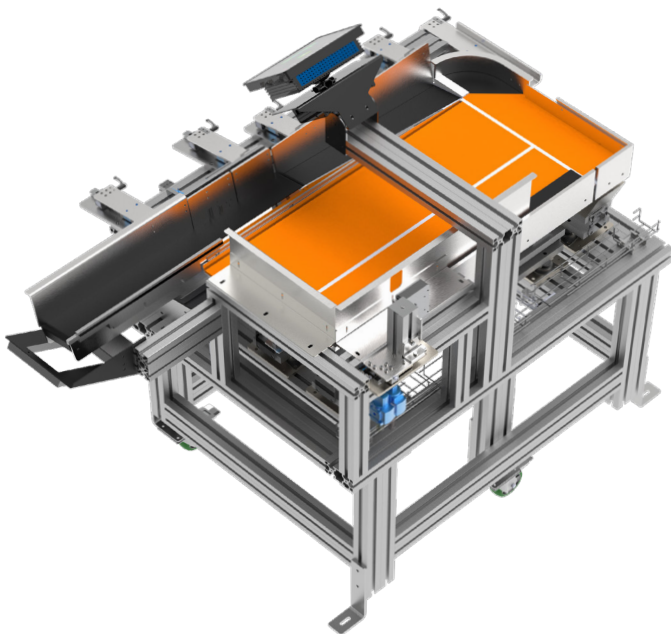
### The Benefits

- Standard machine for flexible parts feeding to a low cost
- Ability to teach in 1500 unique part numbers
- Easy to operate with fast teach-in time
- Low noise level, 53-55dB

### Measurement components DG FlexFeeder 603

- Width (mm) 2-100
- Height (mm) 2-50
- Length (mm) 15-150
- Max weight (kg) 0,5
- Speed (pcs/min) Up to 300

DG Flex Feeder 603 top view



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