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## DG ROBOT FEEDER 501

**Crafted and engineered to act as the perfect side- kick to the industries various robotic systems.**

Our module-based vibration robot feeder, DG Robot Feeder 501, is available in various sizes and configurations. The flexibility ensures the most optimal footprint for seamlessly integration in your system or production.

The day-to-day superhero that excels in handling sensitive parts while minimizing the risk of surface defects. Tailormade with the purpose to effectively separate, move and position your parts to enhance operational efficiency. Our commitment extends to creating solutions that not only meet but exceed your specific requirements, evolving continually to address the dynamic nature of your needs. By choosing DG Robot Feeder 501 you not only gain a competitive advantage but also ensuring the outmost precision in your processes.



### Proven vibration technology

At Detab our hearts beats for vibration, a commitment that has fueled our innovation since the 80s. Giving us plenty of time to build up experience but never give up our creative mindset, seeking new potentials. In our DG Robot Feeder we believe in simplicity, providing you with a solid brick to build your own solution around.

This feeder stands as a versatile ally, prepared for seamless integration with any robot available on the market. The choice is yours – whether your application is collaborative or if it will require fencing. The feeder will effortlessly adapt.

Embrace the freedom to choose your preferred vision system, and witness how our feeder seamlessly adjusts to complement your vision.

### Transforming chaotic bulk to perfect organized material

Let the magazine be your reservoir of potential, fill it up, and watch as the machine takes charge with unprecedented finesse. We give you the solution to gently separate your toughest parts with our well proven vibration technology. The design of the board allows you to efficiently bring order to your bulk parts, independent if you are planning to run springs or cylindric parts, the machine will easily adapt.

### Your gateway to unique flexibility and efficiency

If you are ready to revolutionize your automation, regardless of the diverse materials your future production may entail.

Look no further than the DG Robot Feeder 501 – a faithful servant, designed to handle a broad range of materials, from sturdy metals to versatile plastics. The vibration technique enables a robust design, ideal for separating and feeding even the most challenging part geometries. Whether your production line expands, diversifies, or encounters new challenges, this machine is ready to adapt, making it a smart, long-term investment.

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#### Contact information

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## Technical information DG ROBOT FEEDER 501

Description	Specification
Robots	Brand independent
Vision systems	Brand independent
LED Light	Intergrated backlight
Cabinet	400x400x200 mm
Main voltage	220V, 50-60 Hz
Power consumption [W]	max 250W
Sound level [w.o.parts]	> 65 dB
Operating temperature	max 35 °C
Certification	CE 2A
Warranty	36 months

Available sizes	Large	XL
Std. height	1000 mm	1000mm
Width feeder	400mm	500mm
Length feeder	800mm	800mm
Magazine Volume	5 L	8 L

### Available Options

- Camera stative
- Inserts for rolling parts
- Customized inserts
- Extended electrical cabinet to fit your purpose

### For short cycle times

- Standardized to handle a broad range of products
- Optimized for handling fragile parts
- Providing one of the quietest feeder solutions on the market
- Fast intergration
- Open for any robot brands & vision system

### Applications

- Assembly projects
- Machine Tending
- Collabortaive solutions
- Pick and place solutions
- Packaging solutions
- Etc.