

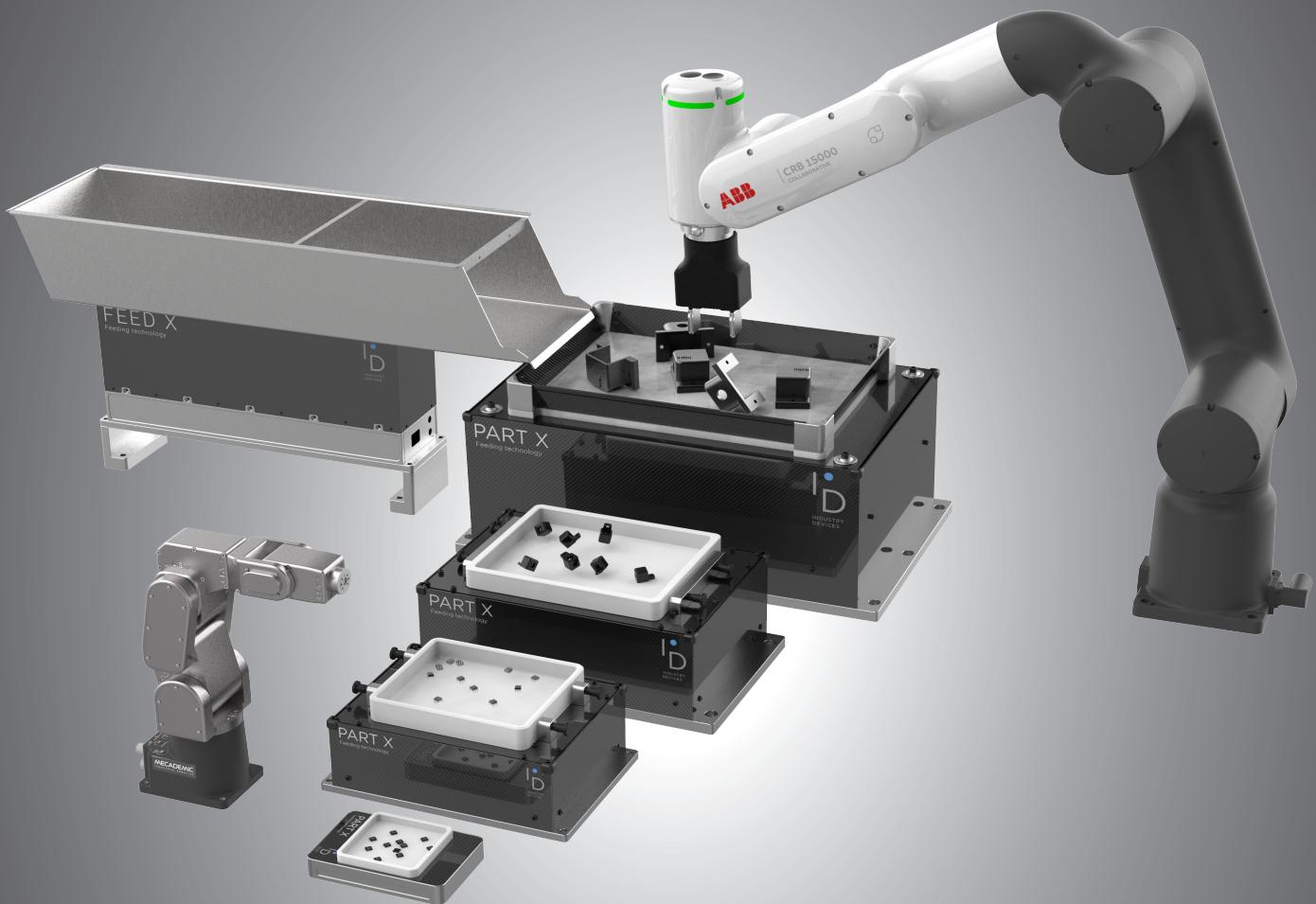


INDUSTRY
DEVICES

PART X

Flexible feeding technology

Adaptable feeding for every need.



ABOUT PART X FLEXIBLE FEEDING

The growing demand for adaptability and precision in manufacturing is reshaping the industrial automation landscape. Manufacturers are increasingly faced with mix production environments and stringent quality standards, creating the need for more flexible part feeding solutions.

Traditional feeding systems, like bowl feeders, often have limitations for manufacturers and system integrators who need fast, custom solutions. These conventional technologies struggle to manage a different range of part sizes and shapes, and the time and cost required to adjust them to meet new production needs can hinder operational agility and overall project efficiency.

This is where PART X flexible feeding solution comes into play. With its vibration technology, the PartX flexible feeder is designed to handle parts of various sizes and geometries, offering a reliable solution to the challenges manufacturers often face. Capable of dosing component sizes from 0.5 mm to 250 mm, the PartX feeder offers versatility for processes such as assembly, machine parts dosing, sorting and inspection where bulk parts need to be efficiently separated and processed. This innovative solution ensures that production lines remain flexible, efficient, and adaptable in today's dynamic manufacturing environment.

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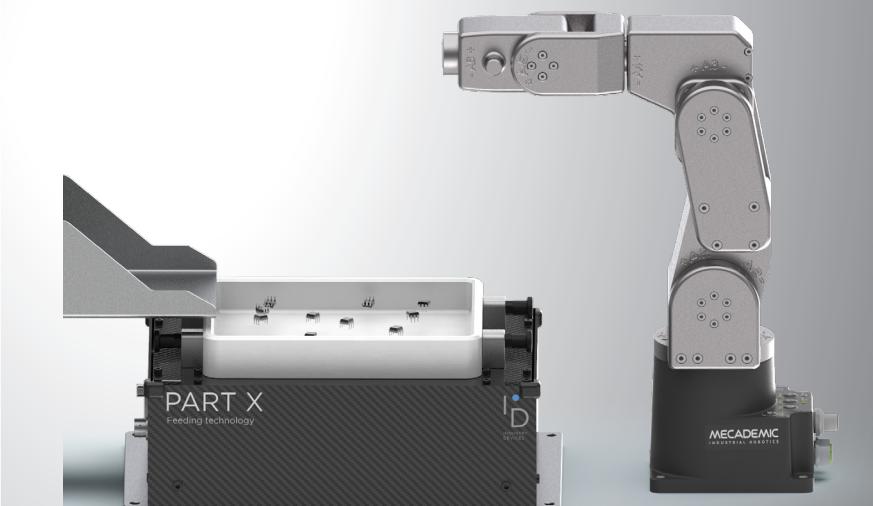
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PART X FLEXIBLE FEEDERS



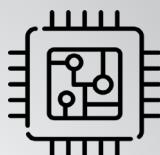
AUTOMOTIVE



CONSUMER



DELICATE



ELECTRONICS

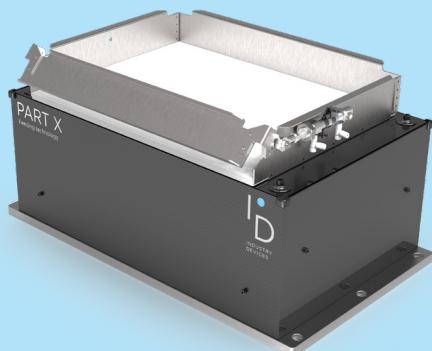
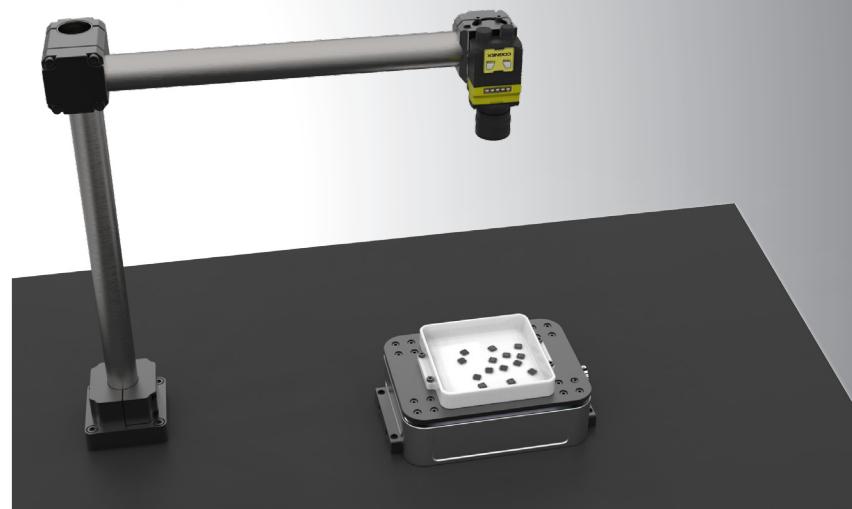


MEDICAL

TURNKEY VISION SOLUTION

Our integrated solution combines the PartX Flexible Feeder, FeedX bulk feeder, and Cognex Vision Sensor with the PatMax tool to deliver a seamless and efficient automation process, perfectly suited for integration with your robotic system.

COGNEX

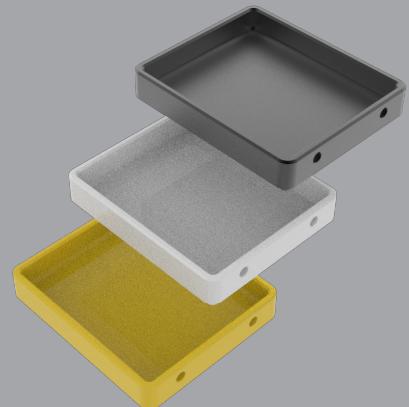


PART X PURGE SYSTEM

In summary, the purging system of the robot's flexible feeder is a critical element to ensure efficient and reliable automation. By removing unwanted components, the purging system helps maintain high productivity, reduce errors, and ensure the quality of the robot's pick and place operations.

CUSTOM DESIGN PLATFORMS

To ensure accurate orientation for optimal robot part gripping, we offer a range of structured platforms designed for various needs. These platforms come in different types, including black color, FDA-compliant (Food and Drug Administration), ESD-safe (electrostatic discharge or antistatic), as well as anti-stick and anti-roll surfaces. Each type is specifically designed to address the unique requirements of different industries, ensuring reliable performance and seamless integration with automation systems.



FEED X ALL IN ONE BULK FEEDER

FEED X intelligent design eliminates complexity, reduces setup times, and minimizes footprint, delivering a fully customizable solution that keeps your production line running smoothly.



Customization Options

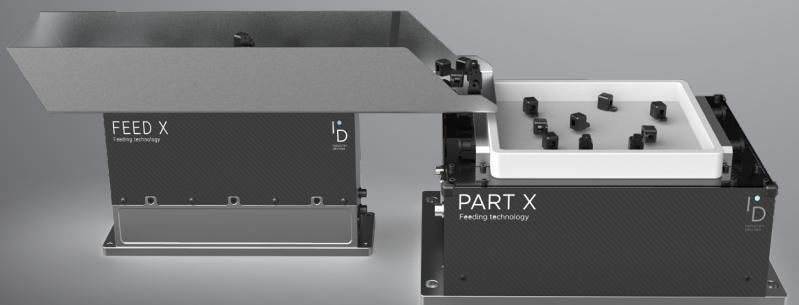
ESD Compliance: We offer hoppers made with electrostatic discharge (ESD)-safe materials, ideal for handling sensitive electronic components.

FDA-Approved Materials: For industries like food and pharmaceuticals, we provide hoppers made with FDA-approved materials, ensuring compliance with stringent hygiene and safety standards.

Custom Coating: Choose from a variety of hopper coating to meet your operational needs, including dust protection, noise reduction, or specialized



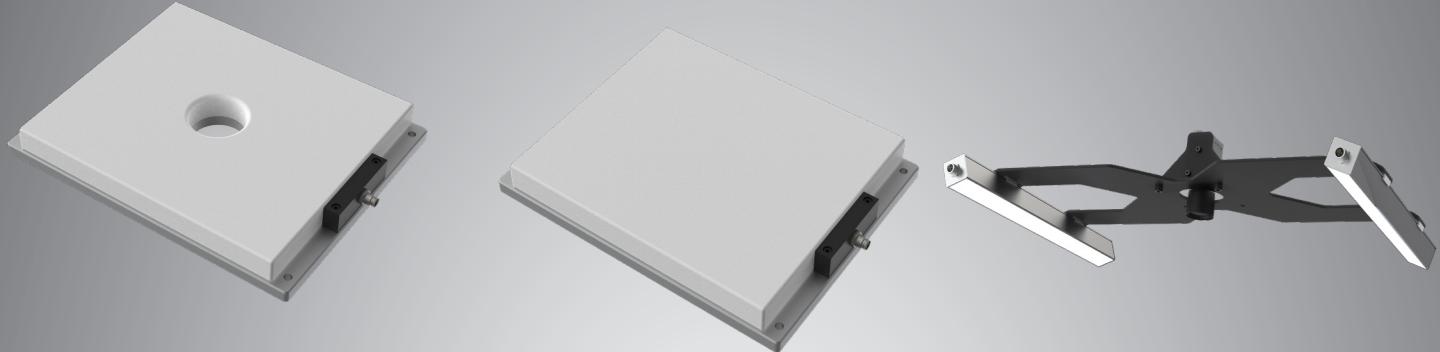
EXAMPLE OF INTEGRATION



The FEED X bulk feeder is the latest intelligent feeding solutions, designed to optimize your part feeding processes. When paired with the PART X feeder and Smart Camera, FEED X transforms feeding operations with precision and efficiency.

DOME LIGHTS

Flat dome lights are mostly used as skylights or flat lights to illuminate large areas evenly. The housing is similar to an LED flat light, but with a camera hole in the middle. For ideal illumination of many types of surfaces, flat dome lights should be selected at twice the size of the visual field to be illuminated.



CAMERA MOUNT

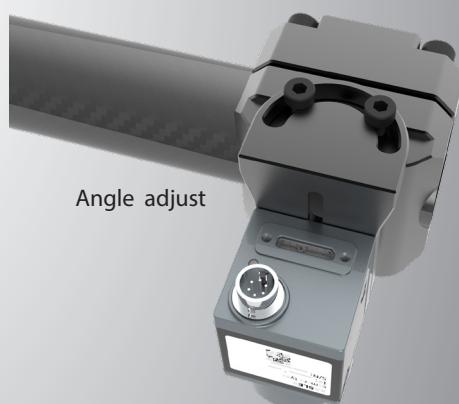
Our industrial camera mounts are engineered to meet the rigorous demands of industrial environments, providing unmatched durability, stability, and adaptability for a wide range of applications.

Every industry has unique requirements, and we specialize in creating customized camera mounts to fit your specific needs.



BAR LIGHTS

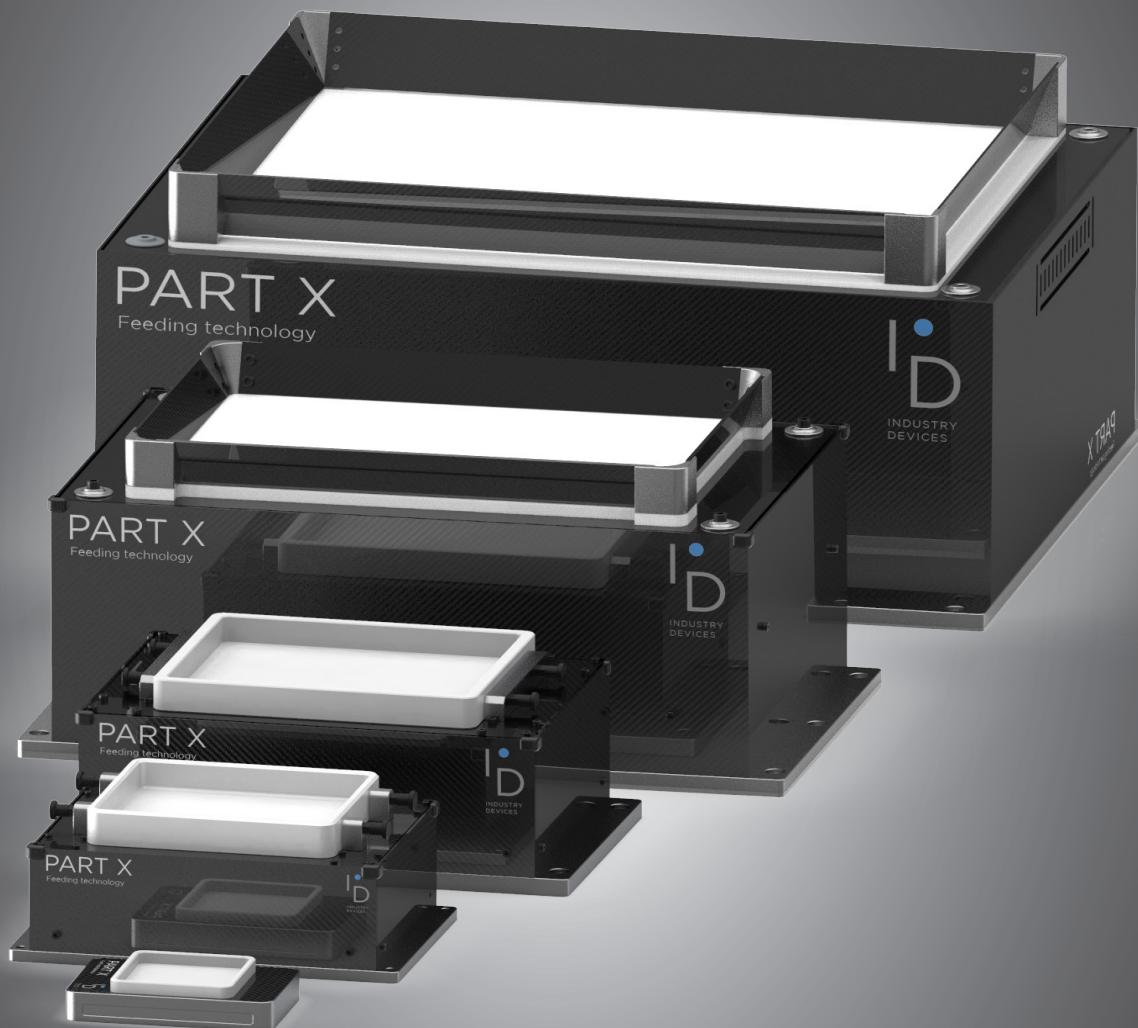
LED bar lights consist of LEDs arranged linearly with outstanding brightness and homogeneity for a wide range of applications, such as creating a dark-field effect to illuminate shiny parts or creating a bright-field effect to light up an area.



CARBON FIBER

Lightweight yet exceptionally strong, they ensure stability in high-vibration or dynamic environments.

MODELS



PART X MICRO

Ideal for parts from 1 to 10 mm.



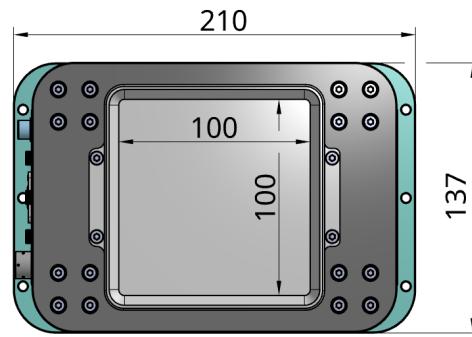
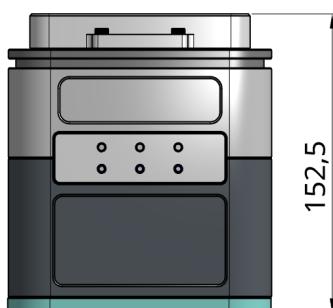
Integrated version



Ethernet TCP/IP

PART X Micro	
Parts	1 to 10 mm
Power supply	24V/5A
Communications	Profinet, TCP/IP
Software	PART X Configuration tool
Vibration plate	Flat, Holes (optional), Nests (optional)
Vibration direction	4 directions
Backlight	White (included) Red (optional) Green (optional)

DIMENSIONS (mm)



PART X S

Ideal for parts from 10 to 40 mm.



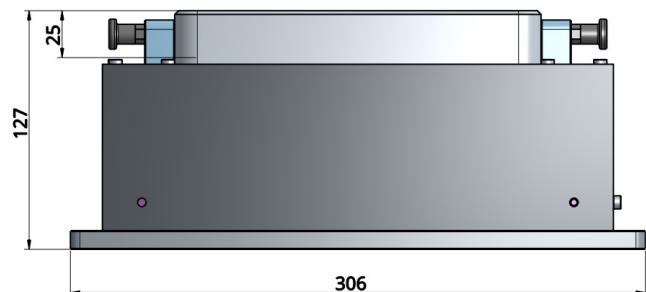
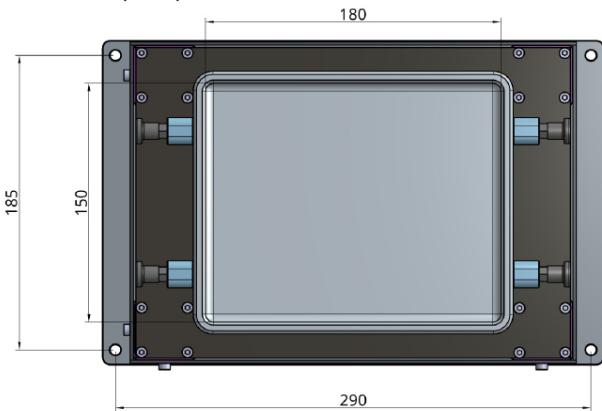
PROFINET
ETHERNET

Ethernet TCP/IP

SPECIFICATIONS

PART X S	
Parts	10 to 40 mm
Power supply	24V/4A
Communications	Profinet, TCP/IP
Software	PART X Configuration tool
Vibration plate	Flat, Holes (optional), Nests (optional)
Vibration direction	4 directions
Backlight	White (included) Red (optional) Green (optional)

DIMENSIONS (mm)



PART X 1

Ideal for parts from 20 to 60 mm.



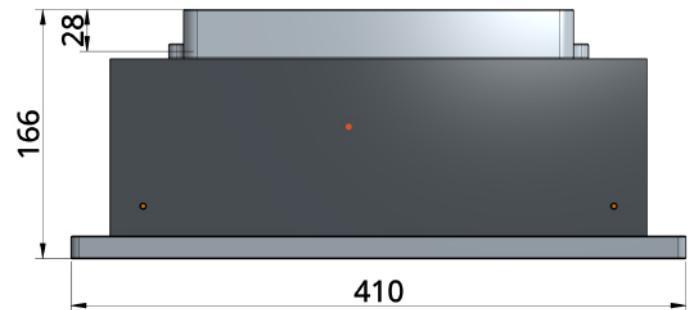
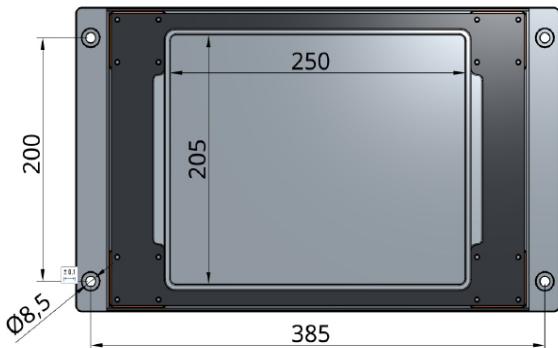
Ethernet TCP/IP

SPECIFICATIONS

PART X 1

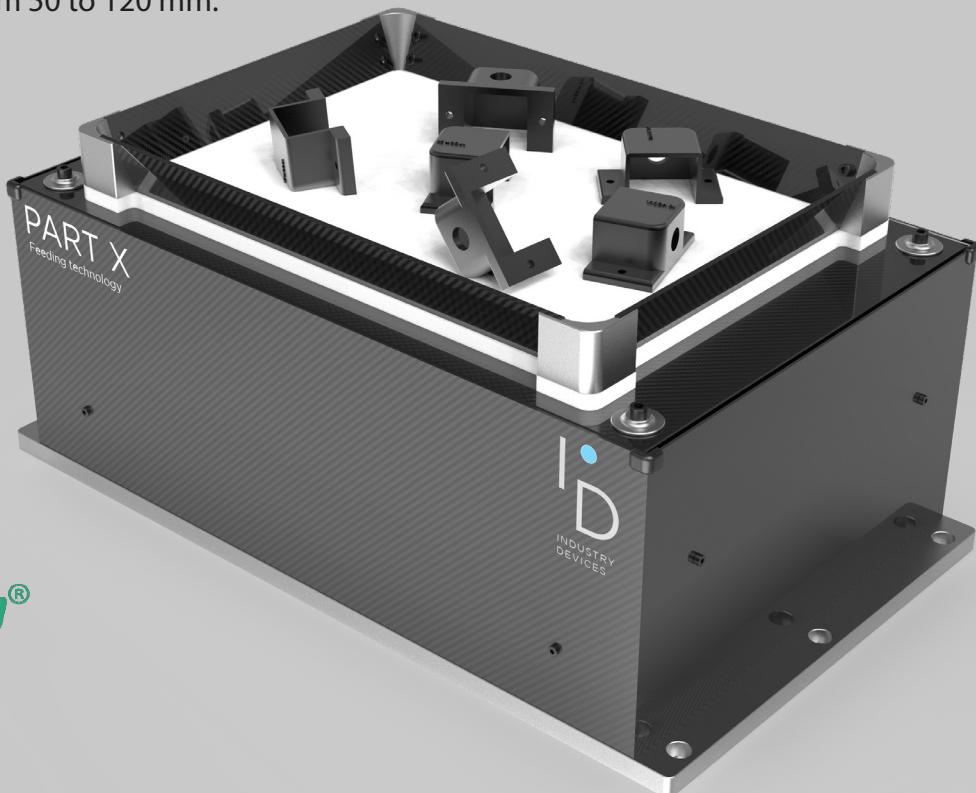
Parts	20 to 60 mm
Power supply	24V/6A
Communications	Profinet, TCP/IP
Software	PART X Configuration tool
Vibration plate	Flat, Holes (optional), Nests (optional)
Vibration direction	4 directions
Backlight	White (included) Red (optional) Green (optional)

DIMENSIONS (mm)



PART X 2

Ideal for parts from 50 to 120 mm.

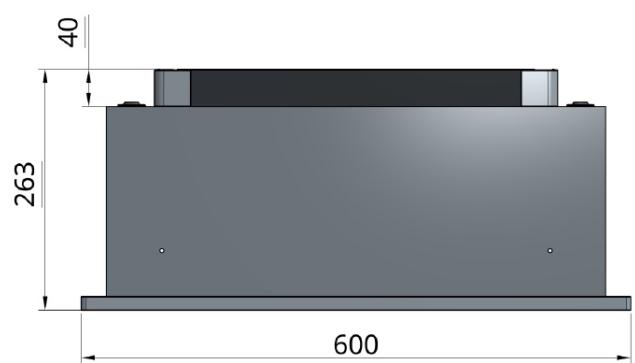


SPECIFICATIONS

PART X 2

Parts	50 to 120 mm
Power supply	24V/8A
Communications	Profinet, TCP/IP
Software	PART X Configuration tool
Vibration plate	Flat, Holes (optional), Nests (optional)
Vibration direction	4 directions
Backlight	White (included) Red (optional) Green (optional)

DIMENSIONS (mm)



PART X MAX

Ideal for parts from 100 to 200 mm.



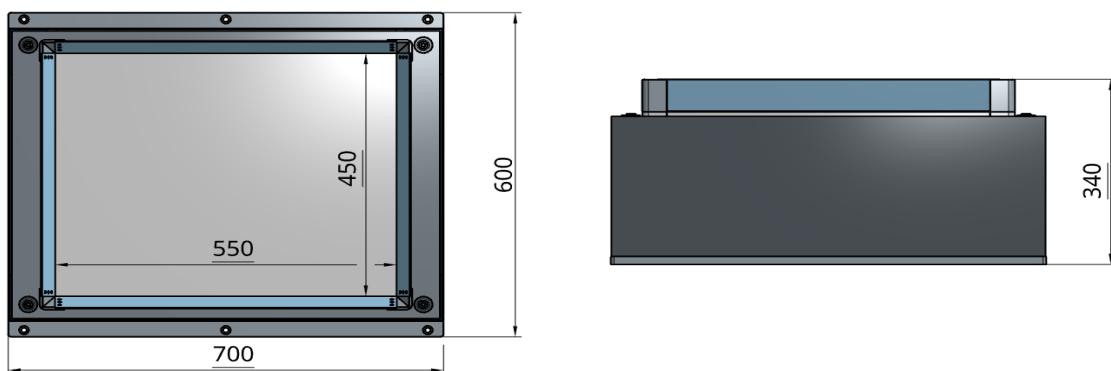
Ethernet TCP/IP

SPECIFICATIONS

PART X MAX

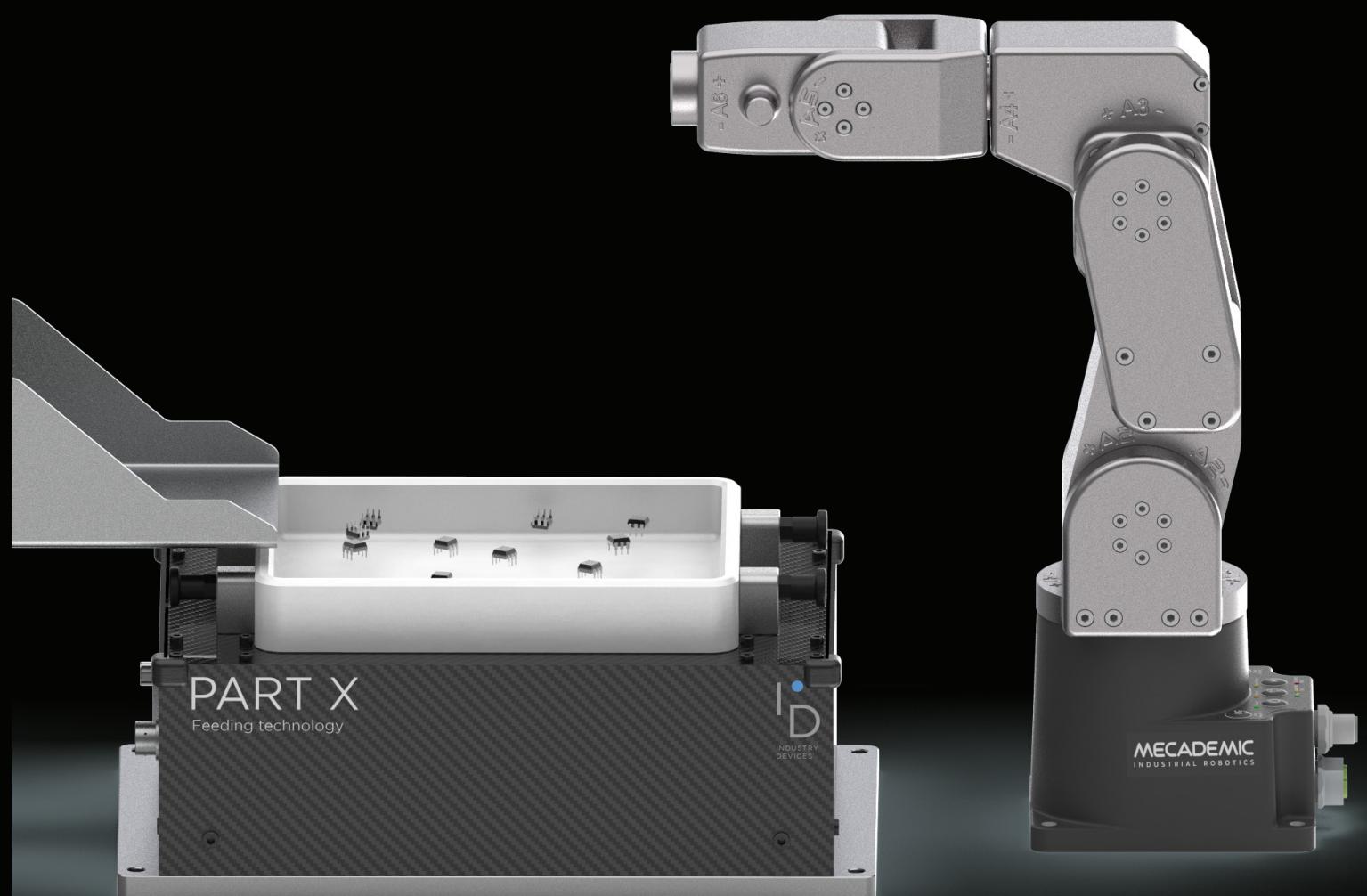
Parts	100mm to 200 mm
Power supply	24V/12A
Communications	Profinet, TCP/IP
Software	PART X Configuration tool
Vibration plate	Flat, Holes (optional), Nests (optional)
Vibration direction	4 directions
Backlight	White (included) Red (optional) Green (optional)

DIMENSIONS (mm)



PART X

FEEDING TECHNOLOGY



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