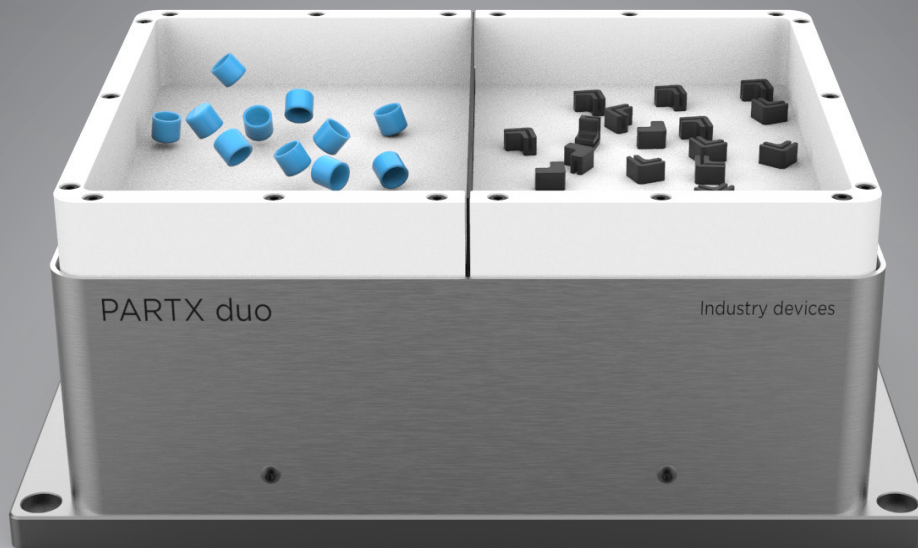


THE NEXT GENERATION FLEXIBLE FEEDER FOR ROBOTIC FEEDING

NEW PRODUCT



PartX duo product release 2025



ABOUT PARTX DUO

Meet PartX Duo, the innovative flexible feeder engineered to push the boundaries of robotic part feeding. Designed with versatility and precision in mind, PartX Duo features two independent feeding zones, allowing for seamless handling of two different components or maintaining a constant cycle time through parallel feeding.

At the heart of PartX Duo is an actuator-based blocking mechanism that isolates vibrations between the two zones. This ensures stable and efficient operation, with no transfer of vibration that could impact performance or accuracy ideal for high mix or high speed production environments.

KEY FEATURES

Dual Feeding Zones: Feed two separate parts or run synchronized processes for constant output.

Vibration Isolation: Innovative actuator blocking mechanism ensures clean, independent operation.

Enhanced Flexibility: Perfect for changing product types or optimizing throughput.

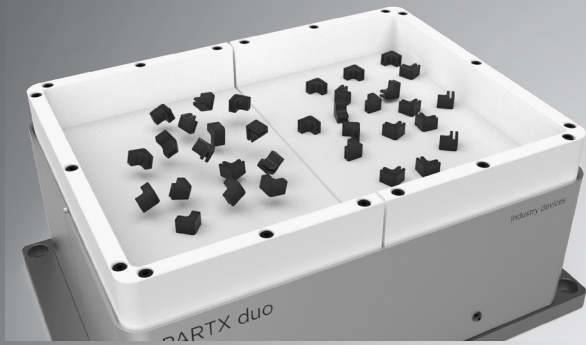
Smart Integration: Designed for plug-and-play use with modern robotic systems.

Whether you're handling mixed-product lines or aiming to boost throughput with continuous cycle times, PartX Duo is the smart, adaptable solution your automation line needs.

PART X DUO

STEP FORWARD IN FLEXIBLE FEEDING

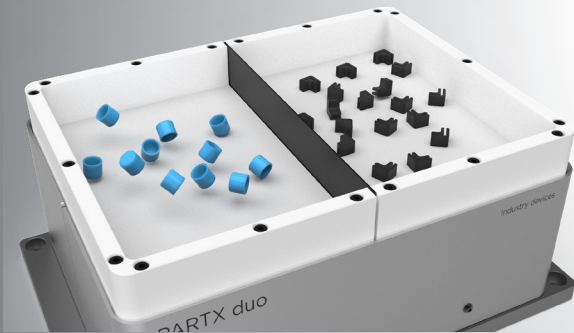
OPTIMIZED FOR CONSTANT CYCLE TIME - PARALLEL FEEDING IN ACTION



PartX Duo is built to keep your production line moving with no interruptions. Thanks to its dual-zone design, the robot can pick a part from one area while the other zone vibrates and reloads, keeping the flow of parts continuous and predictable.

This parallel operation allows the feeder to prepare the next part during the robot's pick phase, maintaining a constant cycle time without delays. Ideal for high-speed applications where every second counts, PartX Duo ensures maximum uptime and throughput even in demanding, takt-time-sensitive environments.

TWO INDEPENDENT ZONES WITH PATENTED PENDING ACTUATOR LOCKING MECHANISM

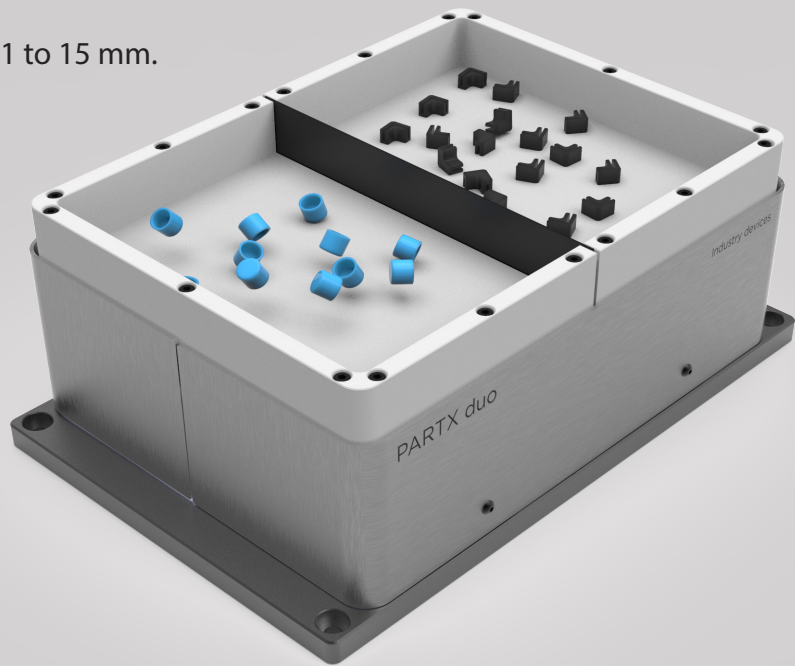


PartX Duo is equipped with two completely independent feeding zones, each isolated by a patented actuator locking mechanism. This groundbreaking design ensures zero vibration transfer between zones, allowing simultaneous feeding of different parts without interference.

Whether you're feeding different products or require independent tuning, the actuator system locks and decouples each zone, enabling unmatched control, stability, and process flexibility. Ideal for complex automation environments where precision and reliability are non negotiable.

PART X DUO

Ideal for parts from 1 to 15 mm.



PART X DUO	
Parts size	1 to 15 mm
Power suply	24V/5A
Communications	Profinet, TCP/IP
Software	PART X Configuration tool
Vibration plate	Flat, Holes (optional), Nests (optional)
Vibration direction	2 areas
Backlight	White (included) Red (optional) Green (optional)

DIMENSIONS (mm)

