



## Machinelab Intermittent Cartoner

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### About

The Machinelab Intermittent Cartoner is a high-precision cartoning system tailored for pharmaceutical, medical device, food, cosmetics, and life-science applications. It delivers intermittent motion, synchronised product insertion, leaflet feeding, and highly reliable carton closure — all while maintaining a compact, cleanroom-ready footprint suitable for regulated and hygiene-sensitive production environments.

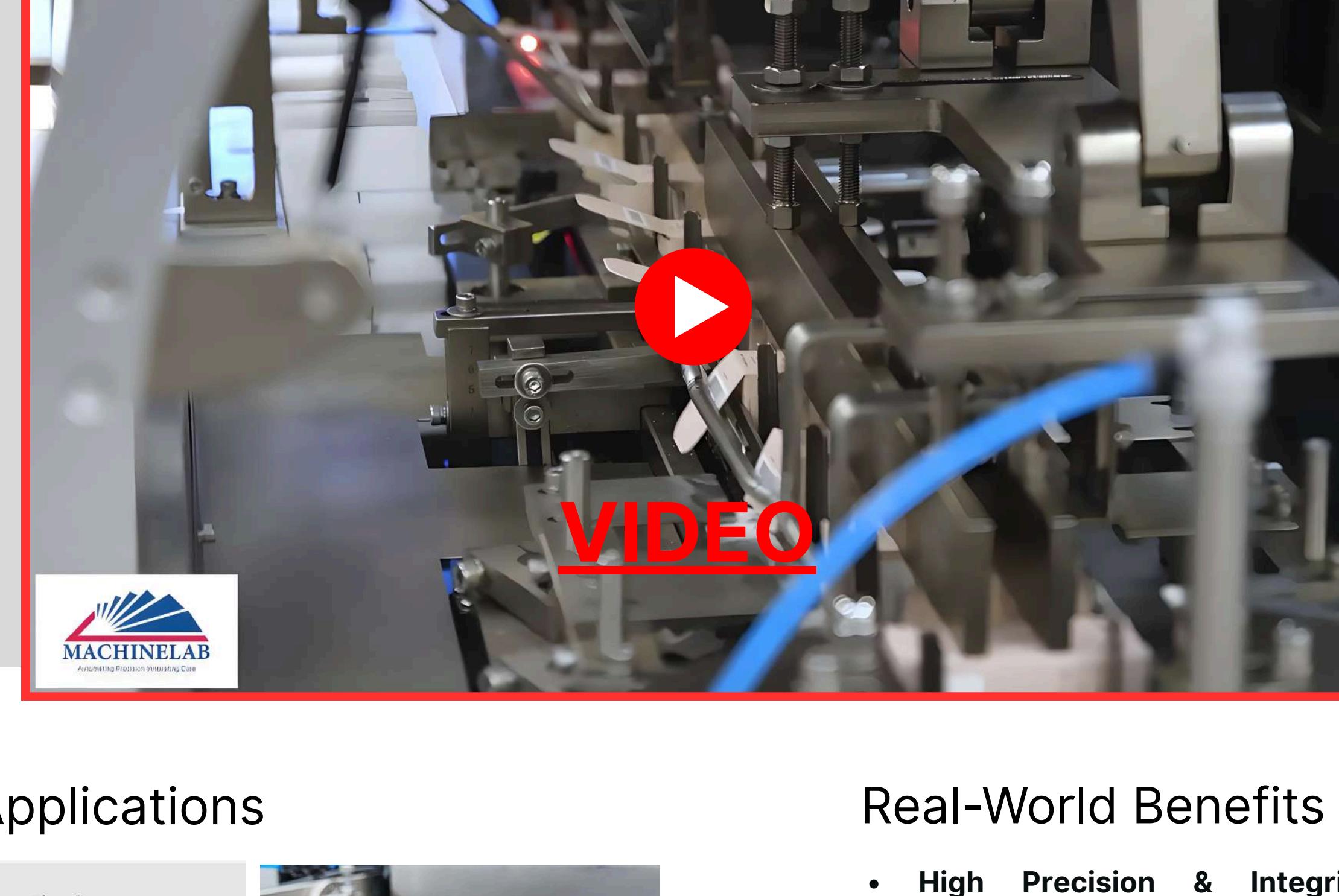
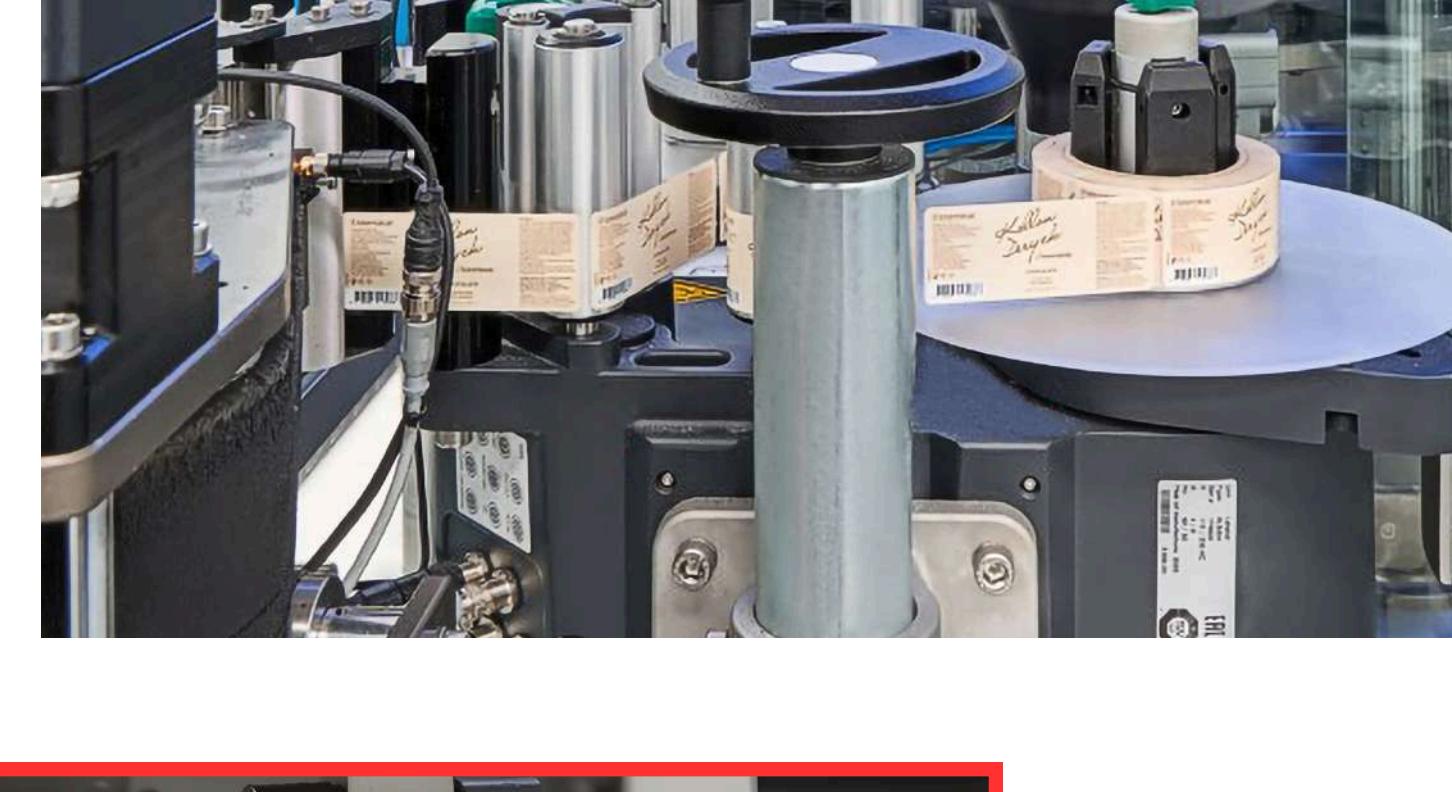


### Technical Specifications

Parameter	Specification
Max Speed	~90-100 cartons / min
Carton Size (L×W×H)	19.1 mm × 12.7 mm × 63.5 mm up to 101.6 mm × 76.2 mm × 177.8 mm
Closure Types	Tuck-in flap or Hot-melt glue
Leaflet / Booklet	Pre-folded leaflet magazine and feeder
Changeover Time	< 10 minutes (no-tool)
Drive / Control	Servo-driven, PLC + HMI control
Construction	304 / 316 stainless steel for contact and frame parts
Utilities	Compressed air (typical) for pneumatic components; power to be defined per project

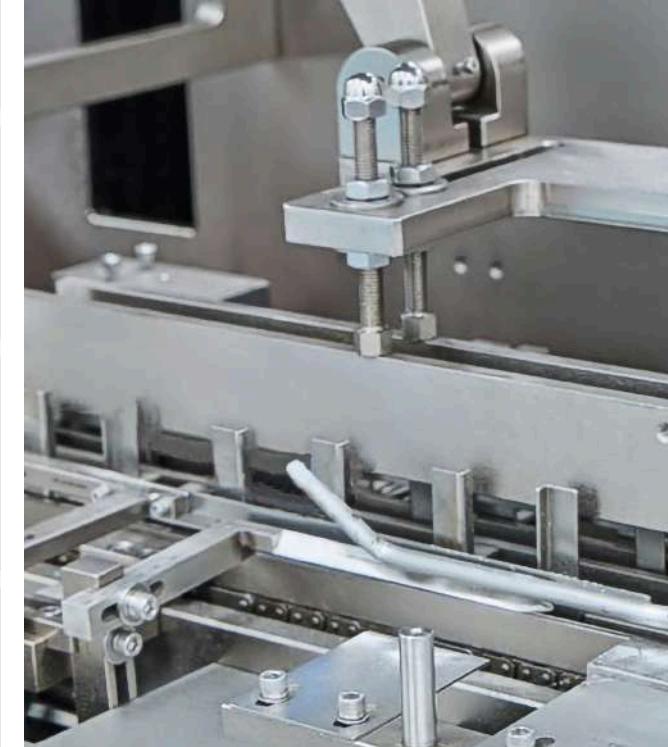
### Key Features

- Intermittent Motion Architecture-** Controlled start-stop movement ensures precise loading, leaflet insertion, and carton closure with minimal product stress.
- Leaflet / Booklet Insertion-** Automated magazine and feeder insert IFUs with accurate timing every cycle.
- Flexible Carton Closure-** Supports both tuck-in and hot-melt glue closures for a wide range of carton formats.
- Fast Tool-Less Changeover-** Quick, no-tool format changes reduce downtime and improve overall line efficiency.
- Balcony-Style Operator Access-** Open-frame design offers clear visibility and easy access for cleaning and maintenance.
- Servo-Assisted Drive-** Servo-controlled carton erecting and closing provide consistent, repeatable performance at higher speeds.
- Hygienic & GMP-Ready Construction-** Stainless-steel, cleanroom-compatible design supports regulated pharmaceutical, medical, food, and cosmetic environments.
- Integrated Safety & Reject Logic-** Carton, leaflet, and closure sensors ensure quality control with automated reject handling for non-conforming packs.



### Typical Applications

	Pharmaceuticals vials, blister packs, oral-dose cartons, injection devices
	Medical Devices diagnostic kits, test strips, syringes, sampling devices
	Nutraceuticals / OTC small bottles, ampoules, cartons requiring IFUs
	Cosmetics / Personal Care creams, serums, skincare cartons with leaflet insertion
	Food & Beverage sachets, small cartons, portion packs, specialty packaged food items



### Real-World Benefits

- High Precision & Integrity-** Servo-controlled intermittent motion ensures accurate leaflet insertion and reliable carton closure for pharma, medical device, food, and cosmetic products.
- Compact Footprint-** Cleanroom-ready, space-efficient layout designed to fit seamlessly into modern production environments.
- Fast Changeovers-** Tool-free adjustments minimize downtime and support flexible, multi-format operations.
- Hygiene & Compliance-** GMP-aligned construction suitable for regulated pharmaceutical, medical, food, and cosmetic workflows.
- Operator-Friendly Access-** Open, balcony-style design improves visibility, maintenance access, and overall safety.