



# Delkor Robotic Loader C Series

Carton and Case Loading

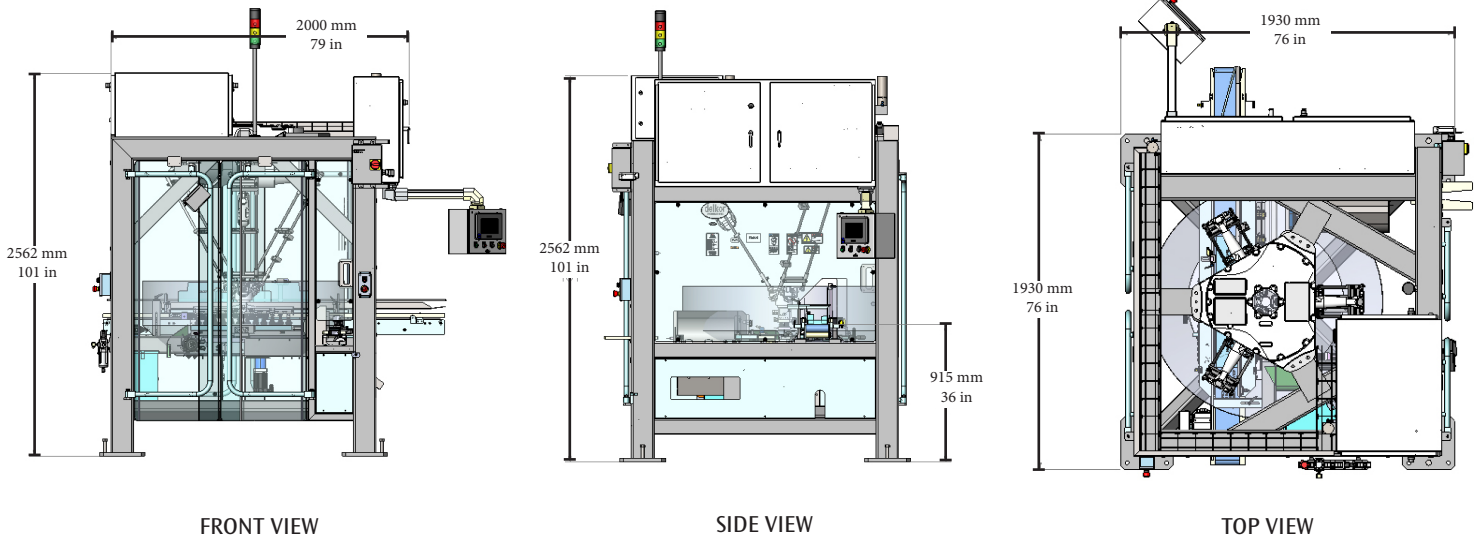
packaging **innovation** at work.



## Highlights

- **Capacity:** Loads up to 400 product per minute in single or multiple layers; double-indexing servo collator for up to 80 cartons per minute
- **Compact Footprint:** Machine measures only 80" (2032 mm) in both directions
- **Fast and Easy Product Changeover:** Tool-less changeover in 1 to 2 minutes
- **Robust Frame:** 6" x 6" welded stainless steel frame provides a solid foundation for the efficient delta robot; Allows walk-in access for operators
- **Sanitary Design:** Product contact surfaces in stainless steel for food-grade materials; IP67 food grade robot

# Delkor Robotic Loader C



	Product Length	Product Width	Product Height	Carton Length	Carton Width	Carton Height
Minimum	4"	1"	.25"	3"	4"	1"
Maximum	7"	3"	2"	12"	9"	5"

## Construction

- 6" x 6" welded stainless steel frame
- NEMA 4 electrical enclosure
- Heavy-duty gearboxes and drives
- FDA-compliant plastic componentry

## Software

- Production monitoring and reporting through color touchscreen HMI
- Recipe management system for package setup parameters

## Controls and Electronics

- Allen Bradley CompactLogix PLC
- Allen Bradley PanelView Plus 700 color touchscreen HMI
- Allen Bradley Powerflex 4 VFD
- Allen Bradley Kinetix 6000 servo drive
- Ethernet connectivity
- 20% minimum spare I/O for system integration
- Three-color machine status light tower

## Advanced Ergonomics

- Swivel-mount HMI for easy viewing and operation from either side of the machine

## Safety

- Interlocked safety guarding
- Non-contact RF switches with safety monitor relay
- Low-voltage control circuitry with touch-safe terminal blocks
- Low/high-voltage panel segregation
- Lockout/Tagout ready air and electrical disconnect
- Filtered air supply with shut-off valve and dump valve
- Three emergency stop buttons

## Utilities

- Electrical Service  
480 VAC  
50-60 Hz  
3-phase  
35 amps
- Compressed Air  
15 CFM @ 80psi

## Optional Equipment

- Wire-mesh doors
- 240/415 VAC electrical service
- Multilingual prompts
- Spare parts kit
- Stainless steel conduit
- IP67 food-grade servomotors, gearboxes, and pneumatics

## Training Support

- Machine Orientation provides a smooth hand-off to operators
- Delkor 1080° Training Program provides more formal instruction for machine operation and machine maintenance

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