

# ROBOTRAY UNLOADER

## RACK (TROLLEY) UNLOADER



### ROBOTRAY:

Robotray® Unloader is an automated system to unload various size trays, pans, boards and even strap pans, from single or double racks, without each being handled by employees.

Speeds can be up to 14 trays per minute with a single head unit or up to 28 per minute with the dual head unit, so this is a very fast, efficient and compact system for high throughput industrial requirements.

Touchscreen controls, with self-diagnostics and recording of cycling performance are standard features.

The system is quiet and reliable, open-frame design can be easily cleaned and sanitized, optionally powered-washed to ensure extreme hygiene and superior food safety.

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### SPECIFICATIONS:

- Types: Unloader and Unloader + Loader
- Handles Trays, Boards, Bread Straps and Pans
- Works with both Single and Double Racks
- Unloading sequence: Bottom to Top rack shelf
- Loading sequence: Top to Bottom rack shelf
- High speed servo positioning, quiet and reliable
- Stainless steel and anodized aluminum construction
- Continuous recording of cycling performance with self-diagnostics
- PLC control choices: AB or Omron or Siemens.
- Color HMI Touchscreen, multilingual menus

	UNLOADER	LOADER / UNLOADER
WIDTH:	158.67 cm / 62.47 in	151.8 cm / 59.76 in
LENGTH:	120.62 cm / 47.488 in	155.73 cm / 61.3 in
HEIGHT:	234.12 cm / 921.75 in	221 cm / 87 in
ELECTRICAL SPECIFICATIONS:	208-240 Volts / 50-60 Hz / 3-Phase	208-240 Volts / 50-60 Hz / 3-Phase
BASE SYSTEM WEIGHT:	607 Kg / 1339.45 Lbs	937 Kg / 2066.36 Lbs

### BENEFITS:

- Eliminate Labor
- Reduce workmans' comp costs
- Prevent employee litigation expenses
- Increase production. Higher run rates
- Compact. Space saving designs
- Flexible. Expandable capabilities
- Open Frame. Easy to clean & maintain
- Fast Payback (ROI) of less than 18 month

### MODELS:

#### A) Single Head capable of unloading up to:

- 14 Trays (Boards) per minute (30" x 20.5")
- 7 Trays (Boards) per minute (760mm x 1,000mm)

#### B) Dual Head capable of unloading up to:

- 28 Trays (Boards) per minute (30" x 20.5")
- 14 Trays (Boards) per minute (760mm x 1,000mm)



*Check the Video!!*