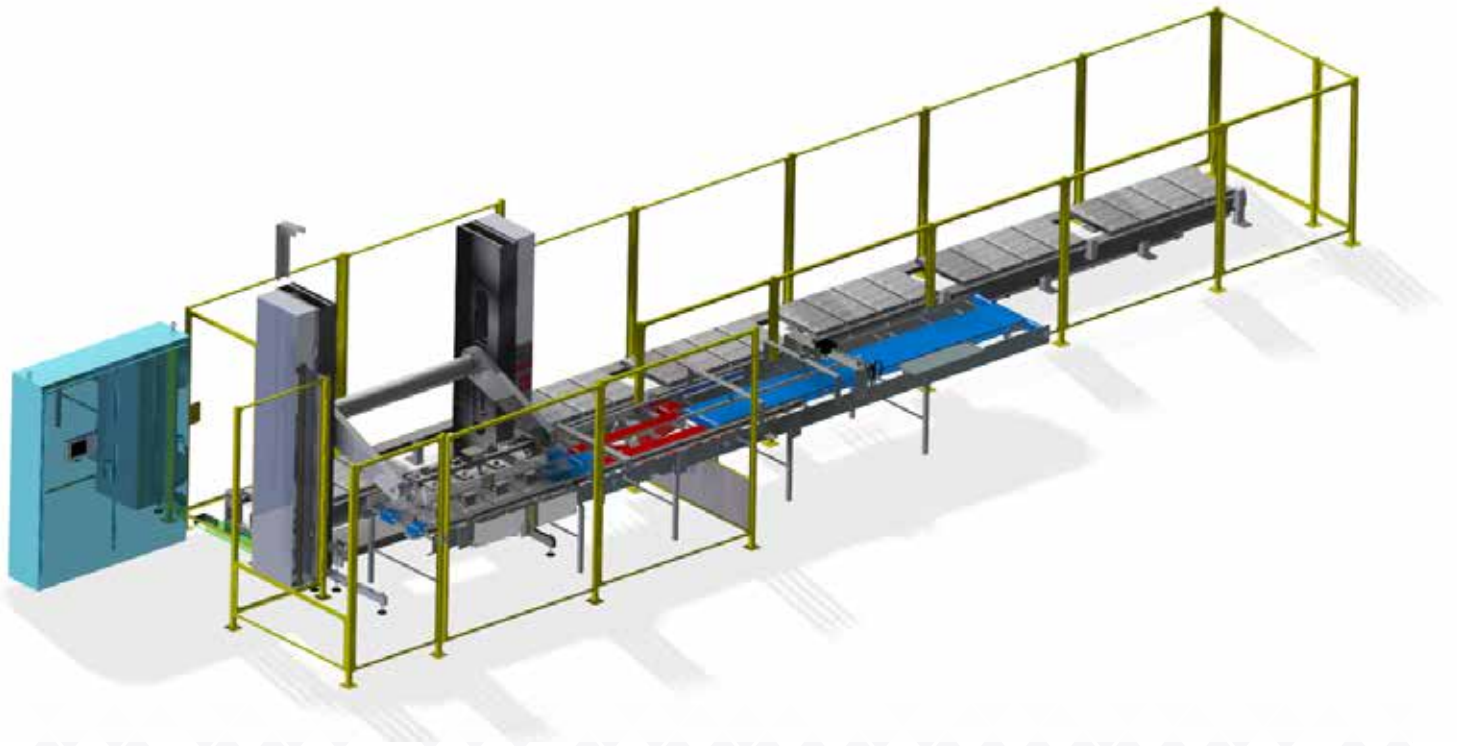




Your bakery is our world.

# PALSUS Pan or Lid Stacker and Unstacker

Handles multiple units per cycle for improved efficiency while offering more gentle pan stacking and unstacking.



# DESIGN INNOVATIONS

Using 100% servo-controlled motions, PALSUS picks and places multiple pans or lids at one time. Eliminating the need to lift or lower full stacks, PALSUS reduces pan damage removing a significant safety hazard. The PALSUS system has 70% fewer moving parts than older conventional machine designs and can manage pans in both an upright and inverted orientation. The system includes a magnetic end-of-arm tool design that is based upon the type of pan or lid used in each application. The system can be adapted to be used with either hand trucks or a single storage lane system.

## SIMPLICITY

Ergonomic design requires only two basic motions; vertical and rotational. Recipe-driven HMI for easy operation. Safety interlocked fence guarding provides easy access.

## VERSATILITY

Precision picking and placing for multiple bread pans, bun pans and lids.

## PERFORMANCE

With 70% fewer moving parts than conventional units, PALSUS offers quiet operation while eliminating the lifting and lowering of pan stacks.

## ACCURACY

The accurate, servo motions utilize the soft-touch end of arm tool to minimize pan damage for longer pan life.



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## Heavy Lifting with a Light Touch.

# OTHER ADVANTAGES

- ▼ Pans are collated the hard way (long side) creating a multiple pan group of up to 72" in length
- ▼ The collation system can be designed to accommodate multiple pans and lids, both upright and inverted. Collation system is recipe-driven and communicates the required number of pans to the unit.
- ▼ Non-metallic housing incorporated into the magnetic EOAT design eliminating all metal to metal contact against the pans.
- ▼ High density, high temperature plastics are used at all pan contact areas to protect the pans.
- ▼ Multiple pans are used on the system, the EOAT is designed to accommodate all pans without changing the tool.
- ▼ The vertical and rotational motions are synchronized movements which provide precise pick and place positioning and repeatability.
- ▼ PALSUS is equipped with a safety perimeter fence with switched access doors and light curtains as needed for the stack exit/entrance.
- ▼ Configured in an in-line or offset arrangement.



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