

# Leyde Bakelift M – E – Plus – Auto

Loading and Unloading of Deck Ovens

Using Automation to Combat the Workers Shortage

02/2025

# Bakelift Overview

	<b><u>Bakelift M</u></b>	<b><u>Bakelift E</u></b>	<b><u>Bakelift Plus</u></b>	<b><u>Bakelift Auto</u></b>
Description	Manual	El. Raising/Lowering	El. Raising/Lowering El. Loading/Unloading	Automatic Sequence of: El. Raising/Lowering El. Loading/Unloading
Deck Width* [mm]	600, 1200	600, 1200	600, 1200, 1800	600, 1200, 1800
Deck Depth* [mm]	Up to 1600	800, 1600, 2000	1600, 2000	1600, 2000
Load Capacity [kg]	20	60	60	60
Raising/Lowering	Manual	Automatic	Automatic	Automatic
Loading/Unloading	Manual	Manual	Automatic	Automatic
Belt Movement	Manual	Manual	Manual	Manual
Side to Side Movement	Optional: With splitted Sled	Optional: Manual Movement	Optional: Manual Movement	-
LED Lights	Optional	Optional	Standard	Standard

\* Dimensions are customized, special dimensions are possible

# Leyde - Bakelift M

## The Loading Aid for small in-store ovens

Space-Saving Design

Ergonomic & Effortless Working

Reduces Downtime

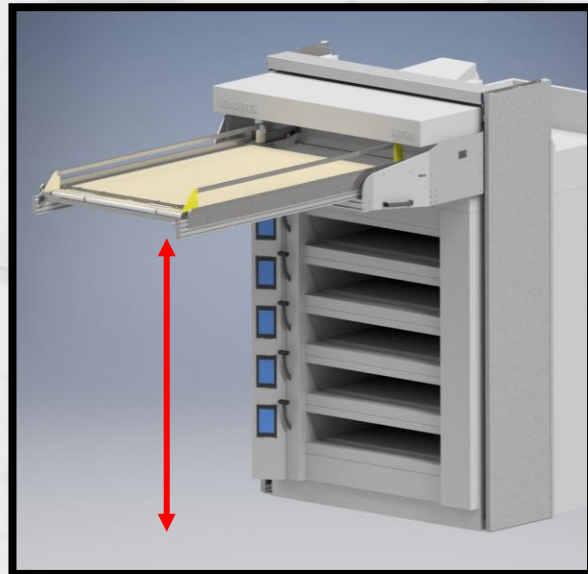
**Optimized baking quality & higher capacity utilization:**

- Simultaneous loading ensures consistent baking times - all breads are ready at the same time
- Precise placement maximizes baking surface utilization and increases efficiency

**Perfection in every baking process - for more quality, speed and convenience!**



# Bakelift M – Space-Saving Design



- No extra high baking chambers required: The sled height is 40 mm
- Requires 85mm to the side of the oven
- Move to parking position when not in use → 2m headroom
- Can be mounted with the oven on castors

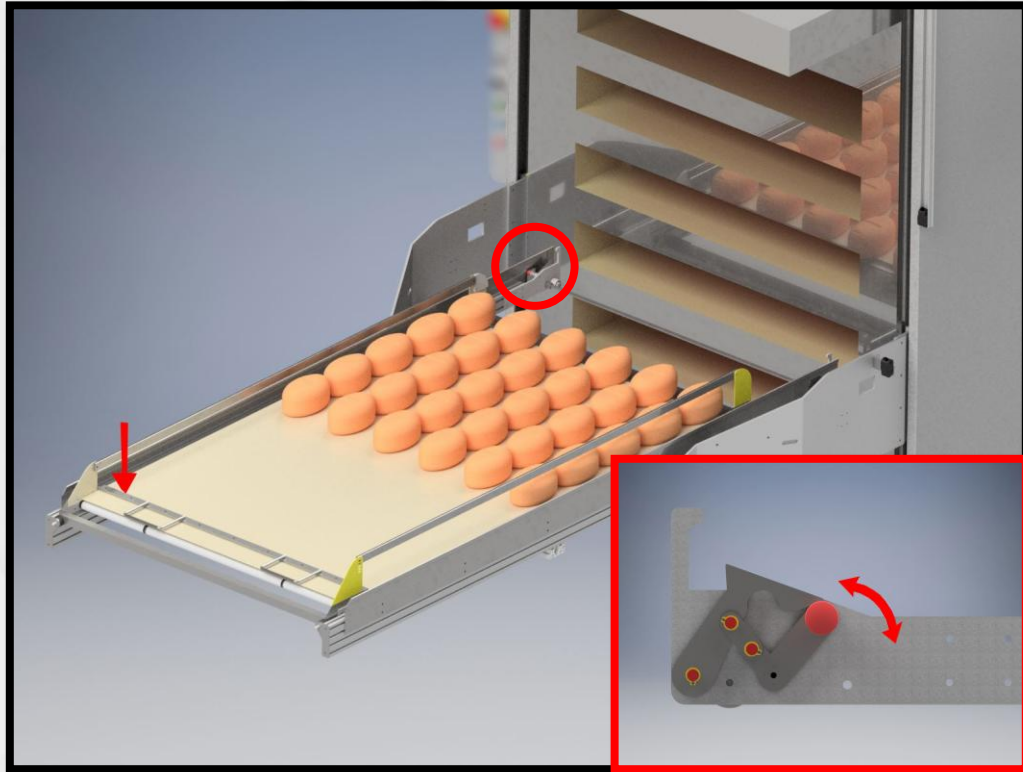
# Bakelift M – Ergonomic & Effortless

- Simple up/down movement due to counterweights
- No loading/unloading with baker's shovel
- Constant bending down is prevented when loading and unloading the upper and lower ovens





# Bakelift M - Loading



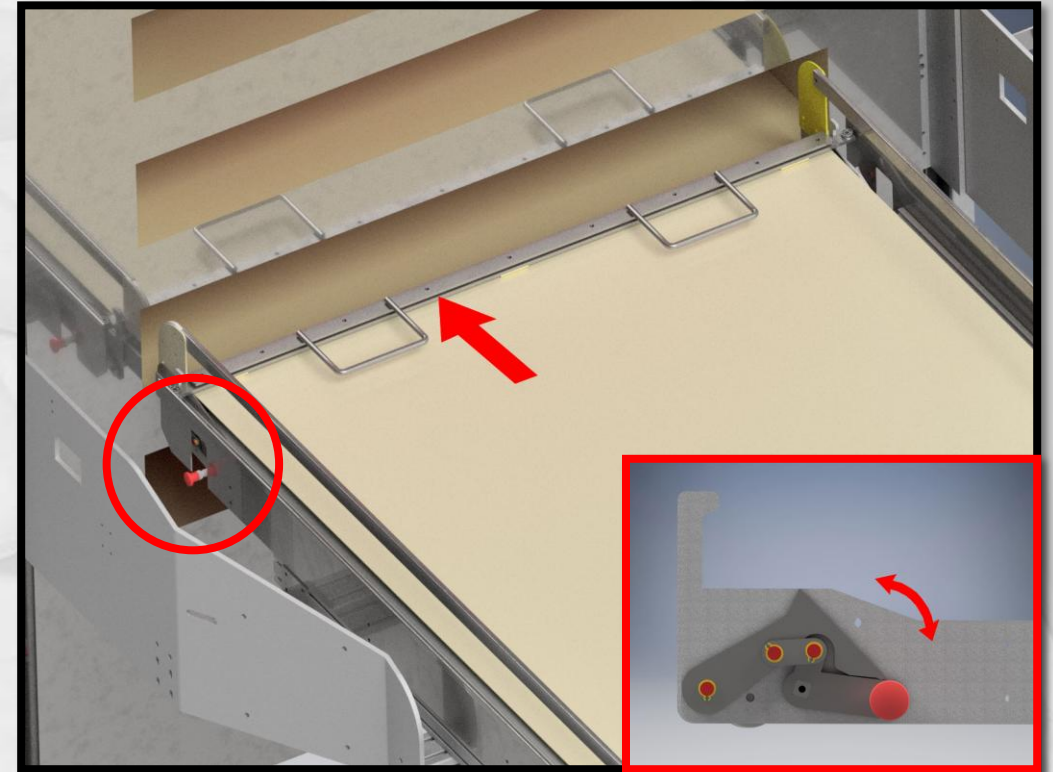
## Loading procedure:

1. The Bakelift is brought to a suitable feed position by pulling the pull lever and moving the lifter up/down
2. The belt connecting strip must be moved to the rear position, the catch hooks (at the front) must be moved to the top position
3. The sled can now be filled with dough
4. The Bakelift is positioned in front of the desired oven by pulling the pull lever and moving it up/down
5. The sled is pushed into the oven
6. The sled is pulled out of the oven, in the process the dough pieces are placed on the baking plate
7. The Bakelift is brought to a suitable feed position by pulling the pull lever and moving up/down

# Bakelift M - Unloading

## Unloading procedure:

1. The Bakelift is brought to a suitable feeding position by pulling the locking lever and moving the lifter up/down
2. The belt connecting strip must be moved to the front position, the catch hooks (at the front) must be moved to the bottom position
3. The Bakelift is positioned in front of the desired oven by pulling the pull lever and moving it up/down
4. The sled is pushed in the oven, in the process the finished bread is picked up
5. The sled is pulled out of the oven
6. The Bakelift is brought to a suitable feeding position by pulling the locking lever and moving the sled up/down
7. The bread can be removed from the Bakelift



# Bakelift M – Technical Specifications

	Bakelift M
Description	Manual Movement
Deck Width* [mm]	600, 1200
Deck Depth* [mm]	Up to 1600
Load Capacity [kg]	20
Raising/Lowering	Manual
Loading/Unloading	Manual
Belt Movement	Manual
Side to Side Movement	Optional: With splitted Sled
LED Lights	Optional





# Leyde - Bakelift E

## The Loading Aid for small deck ovens

### Space-saving design:

- Same as the Bakelift M - only 80 mm additional width due to the operating bar

### Ergonomic & Effortless Working:

- Precise electrical positioning of the sled in front of the deck

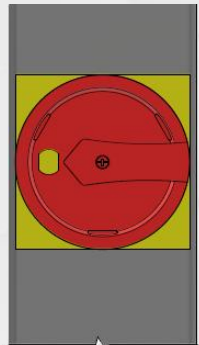
### Optimized baking quality & higher capacity:

- Simultaneous loading ensures even baking times - all loaves are ready at the same time
- Precise placement maximizes the use of the baking surface and increases efficiency

**Perfection in every baking process - for more quality, speed and convenience!**



# Bakelift E - Loading



On/Off main switch



Deck selection - rotary switch

Start positioning - illuminated push-button

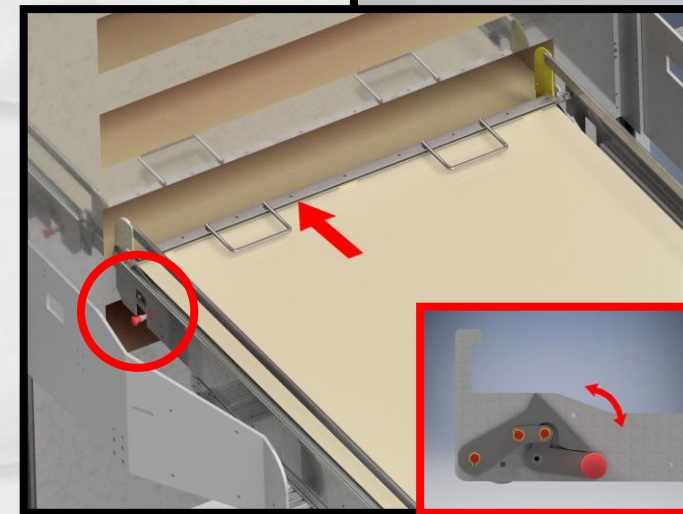
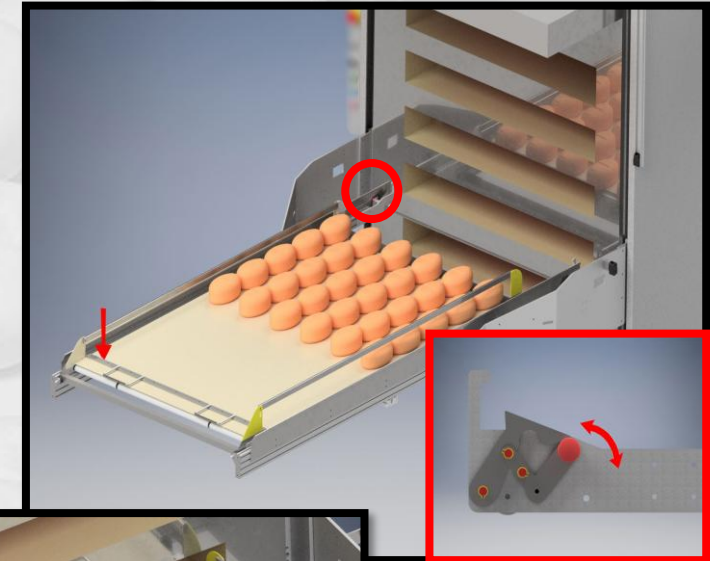
## Loading procedure:

1. The feed position is selected using the rotary switch, the Bakelift is moved to the feed position by pressing and holding the start button, the position is reached when the push button illuminates
2. The belt connecting strip must be moved to the rear position, the catch hooks (at the front) must be moved to the top position
3. The sled can now be filled with dough
4. The oven to be loaded is selected using the rotary switch, the sled is positioned in front of the oven by pressing the start button
5. The sled is pushed into the oven
6. The sled is pulled out of the oven, in the process the dough pieces are placed on the baking plate
7. By selecting the feed position using the rotary switch and pressing the start button, the Bakelift is returned to the feed position

# Bakelift E - Unloading

## Unloading procedure:

1. The feed position is selected using the rotary switch, the Bakelift is moved to the feed position by pressing and holding the start button, the position is reached when the push button illuminates
2. The belt connecting strip must be moved to the front position, the catch hooks (at the front) must be moved to the bottom position
3. The oven to be unloaded is selected using the rotary switch, the sled is positioned in front of the oven by pressing the start button
4. The sled is pushed in the oven, in the process the finished bread is picked up
5. The sled is pulled out of the oven
6. By selecting the feed position using the rotary switch and pressing the start button, the Bakelift is returned to the feed position
7. The bread can be removed from the Bakelift





# Bakelift E – Technical Specifications

	Bakelift E
Description	El. Raising/Lowering
Deck Width* [mm]	600, 1200
Deck Depth* [mm]	800, 1600, 2000
Load Capacity [kg]	60
Raising/Lowering	Automatic
Loading/Unloading	Manual
Belt Movement	Manual
Side to Side Movement	Optional: Manual Movement
LED Lights	Optional





# Leyde - Bakelift Plus

## The Loading Aid for medium-sized deck ovens

### Space-Saving Design:

- Same as the Bakelift M - only 80 mm additional width due to the operating bar

### Ergonomic & Effortless Working:

- Precise electrical positioning of the sled in front of the deck
- Fast and save electrical loading and unloading

### Optimized baking quality & higher capacity:

- Simultaneous loading ensures even baking times - all loaves are ready at the same time
- Precise placement maximizes the use of the baking surface and increases efficiency

**Perfection in every baking process - for more quality, speed and convenience!**



# Bakelift Plus - Loading



On/Off main switch

Light switch

Deck selection - rotary switch

Start positioning - illuminated push-button

Move sled forward – push-button

Move sled backwards – push-button

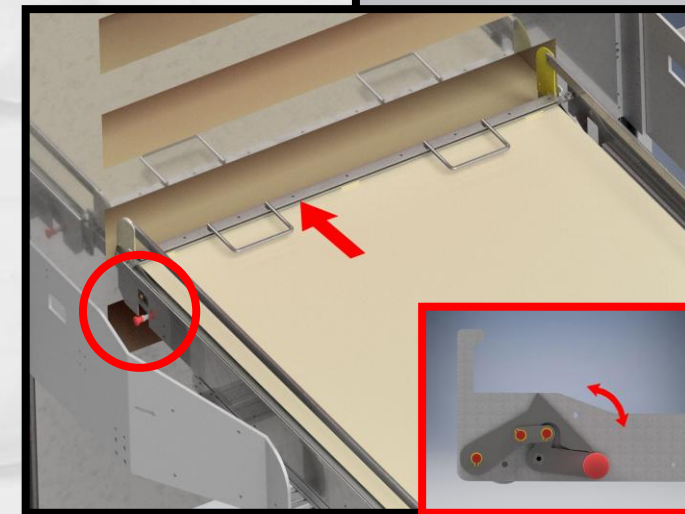
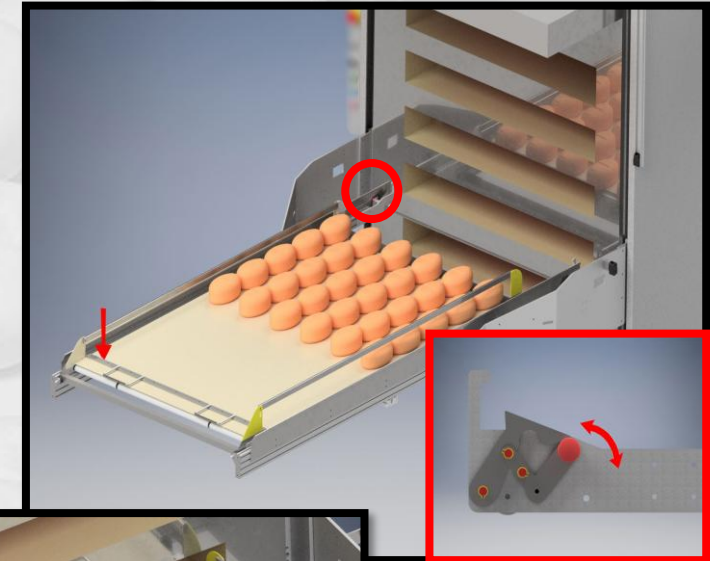
## Loading procedure:

1. The feed position is selected using the rotary switch, the Bakelift is moved to the feed position by pressing and holding the start button, the position is reached when the push button illuminates
2. The belt connecting strip must be moved to the rear position, the catch hooks (at the front) must be moved to the top position
3. The sled can now be filled with dough
4. The oven to be loaded is selected using the rotary switch, the sled is positioned in front of the oven by pressing the start button
5. The sled is pushed into the oven by pressing the forward button
6. By pressing the backwards button the sled is pulled out of the oven, in the process the dough pieces are placed on the baking plate
7. By selecting the feed position using the rotary switch and pressing the start button, the Bakelift is returned to the feed position

# Bakelift Plus - Unloading

## Unloading procedure:

1. The feed position is selected using the rotary switch, the Bakelift is moved to the feed position by pressing and holding the start button, the position is reached when the push button illuminates
2. The belt connecting strip must be moved to the front position, the catch hooks (at the front) must be moved to the bottom position
3. The oven to be unloaded is selected using the rotary switch, the sled is positioned in front of the oven by pressing the start button
4. The sled is pushed into the oven by pressing the forward button, in the process the finished bread is picked up
5. By pressing the backwards button the sled is pulled out of the oven
6. By selecting the feed position using the rotary switch and pressing the start button, the Bakelift is returned to the feed position
7. The bread can be removed from the Bakelift





# Bakelift Plus – Technical Specifications

	Bakelift Plus
Description	El. Raising/Lowering El. Loading/Unloading
Deck Width* [mm]	600, 1200, 1800
Deck Depth* [mm]	1600, 2000
Load Capacity [kg]	60
Raising/Lowering	Automatic
Loading/Unloading	Automatic
Belt Movement	Manual
Side to Side Movement	Optional: Manual Movement
LED Lights	Standard





# Leyde - Bakelift Auto

## The Loading Aid for large deck ovens

### Space-Saving Design:

- Same as the Bakelift M - only 160 mm additional width due to the operating bar

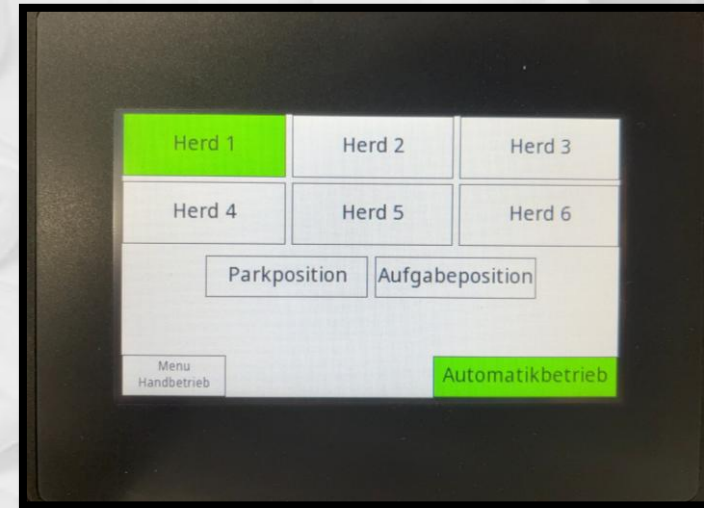
### Ergonomic & Effortless Working:

- Automatic loading process at the touch of a button - for maximum convenience
- Precise electrical positioning of the sled in front of the deck
- Fast and save electrical loading and unloading
- The loader automatically returns to the starting position after loading or unloading

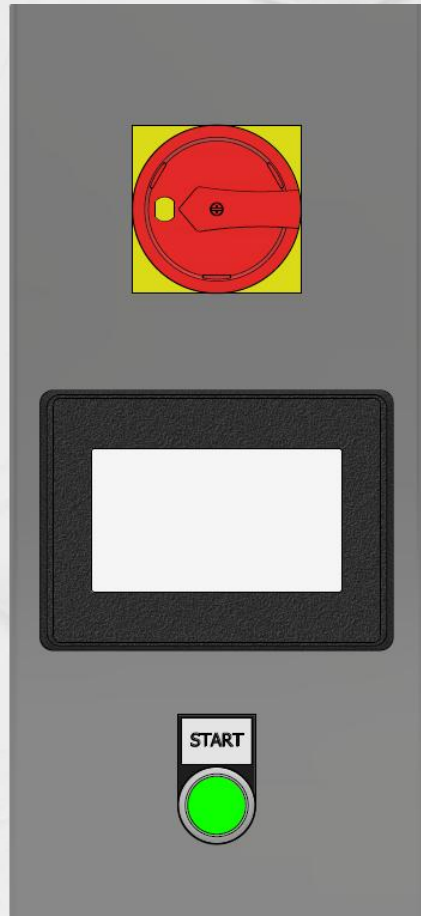
### Optimized Baking Quality & Higher Capacity:

- Simultaneous loading ensures even baking times - all loaves are ready at the same time
- Precise placement maximizes the use of the baking surface and increases efficiency

**Perfection in every baking process - for more quality, speed and convenience!**



# Bakelift Auto - Loading



On/Off main switch

Loader Control - 4.3" Touchscreen

Start Loading/Unloading - illuminated push-button

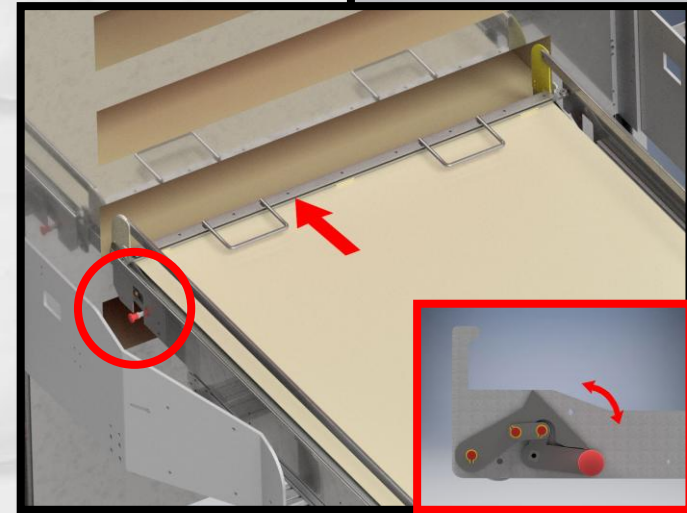
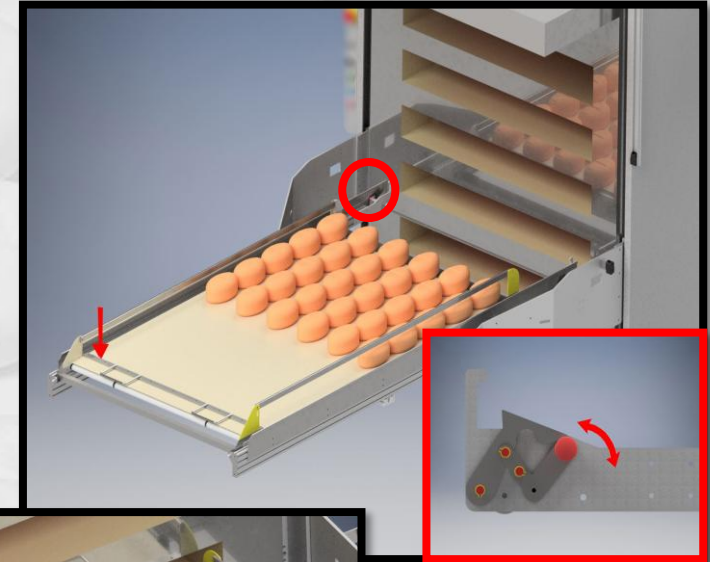
## Loading procedure:

1. The feed position is selected using the touchscreen, the Bakelift is moved to the feed position by pressing and holding the start button
2. The belt connecting strip must be moved to the rear position, the catch hooks (at the front) must be moved to the top position
3. The sled can now be filled with dough
4. The oven to be loaded is selected using the touchscreen, the automatic process starts by pressing the start button
5. The sled is automatically positioned in front of the oven
6. The sled is automatically pushed into the oven
7. The sled is automatically pulled out of the oven, in the process the dough pieces are placed on the baking plate
8. The Bakelift Auto automatically returns to the feed position

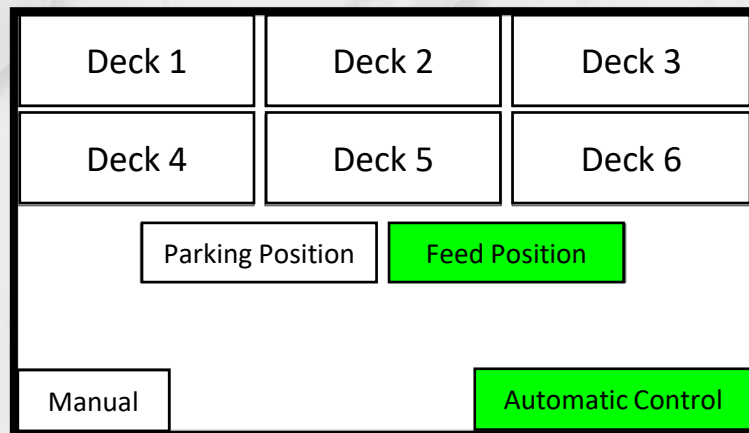
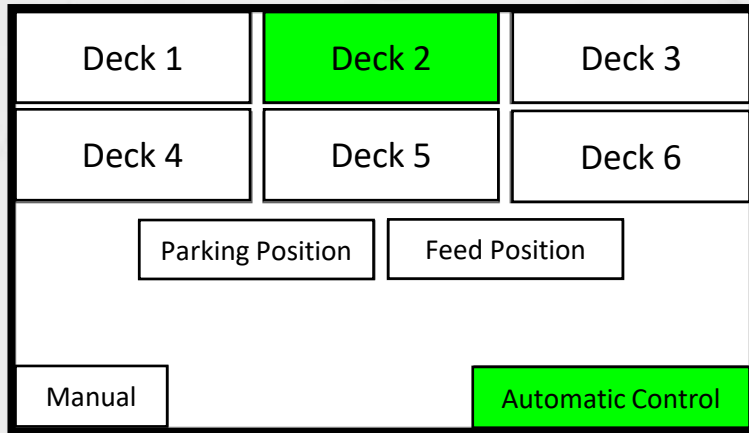
# Bakelift Auto - Unloading

## Unloading procedure:

1. The feed position is selected using the touchscreen, the Bakelift is moved to the feed position by pressing and holding the start button
2. The belt connecting strip must be moved to the front position, the catch hooks (at the front) must be moved to the bottom position
3. The oven to be unloaded is selected using the touchscreen, the automatic process starts by pressing the start button
4. The sled is automatically positioned in front of the oven
5. The sled is pushed automatically into the oven, in the process the finished bread is picked up
6. The sled is automatically pulled out of the oven
7. The Bakelift Auto automatically returns to the feed position
8. The bread can be removed from the Bakelift



# Bakelift Auto - Controls



- Use of the latest industrial control system for maximum efficiency and precision
- Intuitive touchscreen operation for effortless control and maximum convenience
- Stepless control of feed and parking position
- Safety: Maximum control for reliable operation
  - The start button must remain pressed during the entire process - for maximum safety
  - When released, the Bakelift stops immediately in its current position
  - Press again to continue the process seamlessly



# Bakelift Auto – Technical Specifications

	Bakelift Auto
Description	Automatic Sequence of: El. Raising/Lowering El. Loading/Unloading
Deck Width* [mm]	600, 1200, 1800
Deck Depth* [mm]	1600, 2000
Load Capacity [kg]	60
Raising/Lowering	Automatic
Loading/Unloading	Automatic
Belt Movement	Manual
Side to Side Movement	-
LED Lights	Standard

