



H&S

HANDLING &
STERILIZING

STOCK SA_EL2S

LEVEL 2 ENTRY LEVEL LOADER/UNLOADER

With additional functionality beyond the L1 system, STOCK'S™ Level 2, Entry Level Loader/Unloader System automatically forms the container matrix utilizing a pattern former set to the radius of the container and pattern formers can be changed to handle a variety of containers. Although this application does have some automated mechanical movements, the operator will need to provide sequencing through a pushbutton type interface.

L2 versions are available for loading or unloading, but they are each a unique and individual piece of equipment (I.E. The Loader CANNOT be utilized to Unload and vice versa).

Operator Sequence:

1. Operator transports empty basket with trolley to loader
2. Operator locks trolley into position at the loader
3. Operator releases basket from trolley and pushes basket into position at the loader
4. Operator positions hydraulic scissor jack, setting basket bottom plate to correct level (height)
5. Operator starts load conveyor
6. [A] Load conveyor feeds containers against pattern former to create matrix fitting the basket profile
7. Operator initiates (pushbutton) sweep arm to push the matrix on to the layer pad
8. [A] Hydraulic scissor jack increments to the next level (height)
9. Operator places layer pad on top of containers
10. Repeat steps 6 to 9 until basket is full
11. Operator stops load conveyor
12. Operator removes full basket from loader onto trolley
13. Operator unlocks trolley and transports full basket to retort
14. Repeat process beginning with step 1

*Note1: [A] Designates Automated Function

**Note 2: unloading is roughly the inverse of loading



L2 LABOR REQUIREMENTS	
LOADER/ UNLOADER OPERATIONAL TASKS	OPERATORS
FEEDING LOADER/ RETORT BASKET LOADING	1
UNLOADING RETORT BASKETS/ FEEDING UNLOADER	1
LOADER SEQUENCE OPERATOR	1
UNLOADER SEQUENCE OPERATOR	1
LOADER PRODUCT BASKET CONTAINER PATTERN FORMER	
UNLOADER PRODUCT BASKET CONTAINER DISCHARGE	
LOADER LAYER PAD FEEDING/ FULL BASKET DISCHARGE	1
UNLOADER LAYER PAD REMOVAL/ EMPTY BASKET DISCHARGE	1

