



H&S

HANDLING &

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

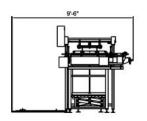
*Note1: [A] Designates Automated Function

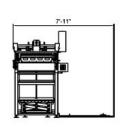
**Note 2: unloading is roughly the inverse of loading

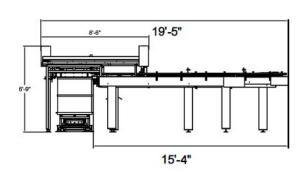


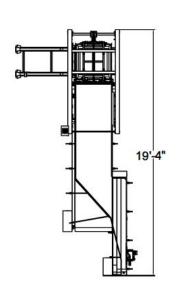
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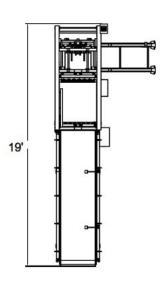
L2 LABOR REQUIREMENTS	
LOADER/ UNLOADER OPERATIONAL TASKS	OPERATORS
FEEDING LOADER/ RETORT BASKET LOADING	1
UNLOADING RETORT BASKETS/ FEEDING UNLOADER	1
LOADER SEQUENCE OPERATOR	1
UNLOADER SEQUENCE OPERATOR	1
LOADER PRODUCT BASKET CONTAINER PATTERN FORMER	
UNLOADER PRODUCT BASKET CONTAINER DISCHARGE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

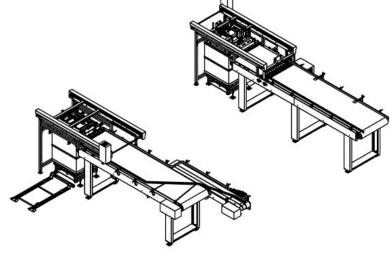












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