

ULTRA™

Automated Basket Handling System (BHS)

Ground-Loading Dual Axis Horizontal & Vertical Lift



Customizable for basket loads up to 100 lbs.

Manufactured in the USA by:

Reliance

**Please Call for a Price Quote:
(847) 640-8923**

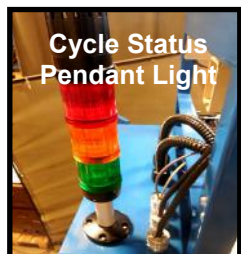
- **NESHAP Compliant Features**
Minimizes worker vapor exposure and reduces contact with the solvent.
- **Enhanced Solvent Containment**
Horizontal lid closes automatically when parts are not being processed. Lift's clear plastic enclosure creates a still air zone to enhance solvent containment.
- **Labor Cost Savings**
Reduces or eliminates operator processing time.
- **Processing Consistency**
Ensures parts are processed consistently to your specification.
- **30 Part Cleaning Recipes**
Touch-Screen PLC allows you to enter, save & easily select between 30 different part recipes.
- **Minimized Solvent Losses**
PLC controlled movement combined with sufficient time in the refrigerated flash-off zone while processing with the lid closed greatly reduces solvent losses compared to manual processing of parts.
- **Automated**
Reduces operator error and increases productivity.

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Ground-Loading Automated Basket Handling System

Movement	Horizontal Travel over boil sump and ultrasonic immersion sump. Vertical Travel with 5 vertical stop positions on each horizontal axis. Position and length of dwell is PLC controlled.
Cleaning Recipe Capability	30 Recipes
Weight Capacity	100 lbs. including part basket
Typical Standard Basket Size	18”L x 12”W x 10” deep
Maximum Basket Size	18”L x 12”W x 13” deep
Controller	PLC Touchscreen Controlled
Manual Operation Mode	Allows for manual operation through the PLC touch screen.
Automated Operation Mode	Automatically processes the part basket according to the cleaning recipe selected by operator.
Operator Selection of Cleaning Recipe	System allows for the operator selection between any of the 30 recipes that you created.
Operator Lock-Out of Recipe Content	Cleaning recipes are easily stored in a password-protected menu. The operator cannot change the content of a recipe without the password.
Safety Operating Interlock	Prevents automatic operation if lid is not open, if heat is not operating, if system is not in full vapor reflux, or if there is lift operating system fault.
Emergency Stop Button	At vapor degreaser control panel
Vapor Containment Enclosure	3 sided transparent enclosure on horizontal surfaces for reduced vapor zone disturbance and viewing of mechanicals.
Cycle Status Light Pendant	Includes light pendant to advise of the state of the BHS Lift including ready, in cycle, cycle complete and fault error.
Lid Closed Basket Processing	Automated horizontal slide lid allows parts basket to be processed through the cleaning cycle with the lid closed for enhanced solvent containment.



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