Andock - a complete system
Andock offers the widest range of valve sizes and options on the market to meet every application and requirement.

ACTIVE VALVE CONFIGURATIONS

- Manual locking & actuation
- Manual locking & actuation, with vacuum extractor
- Manual locking with hand-wheel actuator
- Powered Locking & actuation + vacuum extractor. "Rubber" compensation mount
- Powered Locking & actuation + vacuum extractor. Cylinder lift system

WASHING ITEMS

- Manual Active washing valve
- Powered Active washing valve (wash chamber ready)
- Passive washing valve

Available Active and Passive Sizes

- 2”
- 4”
- 6”
- 8”
- 10”
- 12”

ACCESSORIES

- Active Valve cover
- Passive Valve cover
- Manual valve opening tool (useful aid for disassembly)
Andock Split Valves - Unique Features and Benefits:

Simple, Strong, Effective & Clean. This defines the Andock valve and sets it apart from all other valves on the market today. Consider these points:

**REMOVABLE PRODUCT CONTACTING PARTS FROM THE ACTIVE:** The active valve has a passive valve in it, and it removes from the active WITHOUT having to remove the entire active! Offered in optional “Tool-Less” design.

**LOCKING SYSTEM WITH 3mm MOVEMENT**

This is an important feature for two reasons: 1: release of the mated valve halves are done by the active station, not a bin or drum lifter. Lifters do not work in such a way to effect a gentle, minute movement to make this a reasonable method to undock the passives. 2: This system allows the optional vacuum sweep system to be more effective by finely controlling the point of passive/active flap splitting.

**ANDOCK CYLINDER LIFT SYSTEM:**
The king of all Andock valves, the cylinder lifting active. This is the most popular of all active designs as the system offers unparalleled flexibility by “floating” the active to the passive, in lieu of forcing the active into position with the passive.
- Total elimination of mechanical forces on docking, extending the life of the system.
- Enhanced containment as the active moves down from the passive, in lieu of a lifter lowering the IBC/Container away.
- Elimination of the need for high accuracy equipment. Servolift has deployed passive valves on 20 year old IBCs without a problem.

**SUPER TIGHT PASSIVE FLAP:**
The Andock support system + seal is working so tight that the valve DOES NOT open during processing. Some other valves have internal locking pins. The pins are a hassle as they are an extra 4 little parts per valve and if they are forgotten ONCE you can lose the entire batch (this small item alone is justification to use a valve that does not require the passive locking pins. This point is nearly universally overlooked)

**LOW ACCURACY DESIGN:** A precision handling system is not needed anymore! The Andock production size valves feature a HUGE +/- 0.55” docking tolerance (1.1” circle).

**GMP:**
The Andock Active is the CLEANEST valve on the market! Looks can be deceiving, take other valves apart then compare to the Andock.

The key to a successful high containment system is all in the details. An often overlooked, but very important factor is the ability to make the removal of the active valve parts ergonomic. Active valves are often installed in hard to get to places such as the top of a tablet press, or underside of an IBC filling station. Servolift has simple easy to use systems in place for every possible application. In all cases we can assure that no operator will lift more then 25 lbs or be put into a back-hurting position.

**ACTIVE VALVE AND Y-CHUTE REMOVAL FROM TABLET PRESS:**
Automatic removal of BOTH Y-Chute and active valve using the Servolift IBC lifter. The entire assembly is lowered to an quick-adjustable ergonomic removal height where an operator is provided with a parts cart to collect all the items and roll them to the washing area for final cleaning.

**THROUGH THE FLOOR PROCESSING:**
Automatic lift and docking of a transfer chute to the excipient dispensing room above. Three separate loading operations each item on a rolling cart: API loading (with N2 purge), Sifting and “Chute-Only” transfer skid. Final weighing of dispensed products. Several different sized IBCs were used.

**REMOVAL OF ACTIVE PARTS FROM BIN FILLING STATION** (under a roller compactor):
Using a Servolift “crank cart”: the cart is rolled under the active station and a “platen” adaptor is attached to the arm of the crank cart. The operator cracks up the platen until it presses into the active face. The active product contacting parts are released (either with screws or tool Less pull-pins) and the parts are lowered to an easy-to-remove height.

**DISCHARGE, FILLING & WASH STATIONS:**
Each system is made order for your unique application.

Isolator Discharge of API, Discharge Station, Filling Station, Wash Station, HSG/Mill Washing
Simple, Strong, Effective & Clean. This defines the Andock valve and sets it apart from all other valves on the market today. Consider these points:

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**ANDOCK CYLINDER LIFT SYSTEM:**
The king of all Andock Valves, the Cylinder Lifting Active. This is the most popular of all active designs as the system offers unparalleled flexibility by “floating” the active to the passive, in lieu of forcing the active into position with the passive.
- Total elimination of mechanical forces on docking, extending the life of the system.
- Enhanced containment as the active moves down from the passive, in lieu of a lifter lowering the IBC/Container away.
- Elimination of the need for high accuracy equipment. Servolift has deployed passive valves on 20 year old IBCs without a problem.

**SUPER TIGHT PASSIVE FLAP:**
The Andock support system + seal is working so tight that the valve DOES NOT open during processing. Other valves typically require internal locking pins. When you take over valves apart you will understand. Those valves have loose flaps and weak support systems, the pins are a hassle as they are an extra 4 little parts per valve and if they are forgotten ONCE you can lose the entire batch (this small item alone is justification to use a valve that does not require the passive locking pins. This point is nearly universally overlooked)

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**SERVOLIFT + Andock: Proven solutions for Handling Dangerous Solids**

SERVOLIFT has designed, built and installed hundreds of high containment systems for the Pharmaceutical Industry.