

## **SPACEKRAFT SQUEEZE ROLLER SYSTEM FOR HIGH VISCOSITY PRODUCTS**

**USE WITH CENTERLIFT “SQUEEZE BAG” LINERS TO MAXIMIZE DISPENSING.**

- **Virtually eliminate product waste.**
- **Eliminate the cleanup required with rigid steel containers.**

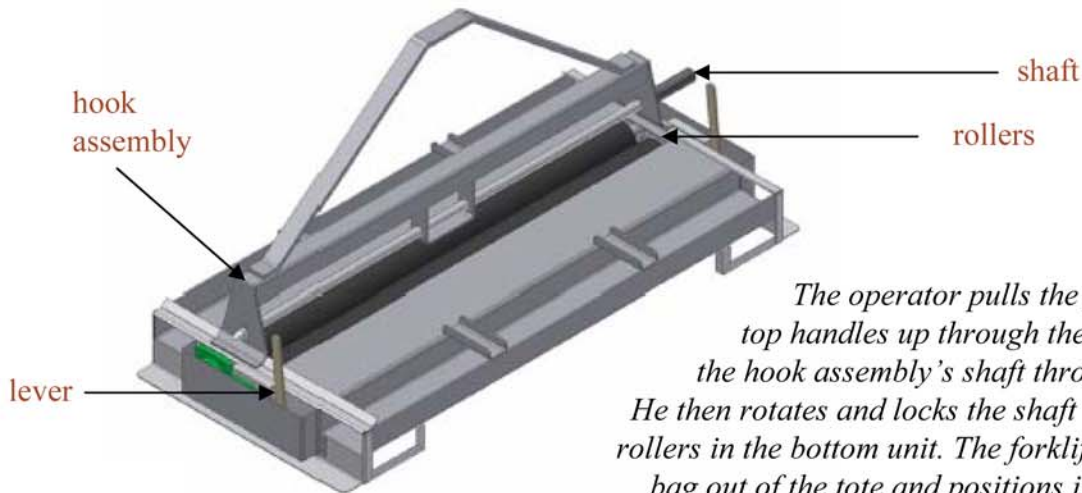
This new SpaceKraft<sup>®</sup> accessory enables producers of hard-to-handle, high viscosity products to ship in a semi-bulk delivery system that allows easy dispensing with virtually no residual product wastage. The system also eliminates the washing and cleanup common when dispensing rigid steel containers with pumps and follower plates, since the empty squeeze bag's polyethylene liner is easily removed for disposal or recycling.

Measuring 64 inches long by 28 inches wide, the Squeeze Roller has two separate assemblies. The lower unit, which consists of two opposing rollers with a lever to open or lock them closed, is approximately 6-1/2 inches high. It is designed to accept forklift tines parallel to its long axis and has a safety chain for locking the lower assembly to the forklift. The separate upper “hook” assembly is either 8 to 12 inches high, depending on the shape and orientation of the “hook,” and whether the forklift used in dispensing is a side-shifting or standard forklift. The upper lift assembly has a shaft which an operator threads through the left and right top handles of the polywoven squeeze bag before locking the shaft into the frame.

**In one customer trial, a grease supplier who routinely had 150 to 200 pounds of residual grease when pumping out of steel shuttle totes reduced his residual grease by 95% using our new Squeeze Roller System.**

To dispense, a recommended 5,000-lb capacity forklift picks up and places the Squeeze Roller assembly on the IBC, where a floor operator pulls the polywoven squeeze bag's top handles up through the open rollers. He threads the “hook” assembly's shaft through the hanging handles, rotates and locks the shaft in position, and closes the rollers in the bottom unit. The forklift then lifts the filled squeeze bag out of the tote and positions it above the container, mixing vat or manifold into which it will be dispensed. (The customer should install a permanent hook or framework on which to hook the Squeeze Roller assembly during dispensing.)

# EMPTYING



*The operator pulls the polywoven squeeze bag's top handles up through the open rollers and threads the hook assembly's shaft through the hanging handles. He then rotates and locks the shaft in position and closes the rollers in the bottom unit. The forklift raises the filled squeeze bag out of the tote and positions it above the container into which it will be dispensed.*

Once the filled bag is in place, a floor operator cuts the PE liner's bottom snout and removes the self-adhesive Velcro or nylon ties closing the snout. As the product begins dispensing of its own weight, the forklift operator reduces hydraulic pressure, allowing the 700-lb weight of the Squeeze Roller bottom assembly (and forklift tines) to push out the product as it slowly descends and the bag liner empties.

For food products, the new Squeeze Roller system is available in stainless steel with white food grade rubber on the rollers. Rubber lagging is 50 durometer. Squeeze Roller systems are available in stainless steel or in steel with a powder coated finish of black or off white. Rollers are available with black neoprene or white, black or orange rubber lagging.

**SpaceKraft's new Squeeze Roller systems cost from one-half to one-third the cost of other systems designed for the same purpose.**



**THE SEMI-BULK PACKAGING EXPERTS**