



Xtrakt[®] System

REDUCE WASTE,
BOOST PROFITS
WHILE CONVEYING
VISCIOUS LIQUIDS



Xtrakt[®] system

SOLVING THE CHALLENGES OF VISCOUS LIQUIDS IN MANUFACTURING

Millions of dollars are lost annually in the personal care, chemical and food industries due to scrapped product that simply can't be extracted from disposable form-fit liners. The ideal solution is a system that wrings highly viscous materials out of shipping and transfer totes to mitigate product loss, while simultaneously reducing processing time, environmental impact and safety risks to workers. That solution is the Xtrakt® System from ILC Dover.

The system's innovative combination of dual-wall liners, powerful drive unit and deployment cart can extract the maximum amount possible of viscous liquids (pastes, lotions, creams and gels). Whereas the best air-assisted dispensing systems leave as much as 10 kg–40 kg of residual product in a typical 1,200-liter (315-gallon) liner, the Xtrakt System leaves less than 2 kg of residual product, every time. These savings pay for the system quickly and increase profitability for the life of the system.

THE XTRAKT SYSTEM — EIGHT ADVANTAGES, ONE SMART SOLUTION



Xtrakt® is a trademark of ILC Dover.

1 WORKS WITH EXISTING PUMPS

Once your positive displacement diaphragm or piston pump empties 65%–85% of product from your intermediate bulk container (IBC), the Xtrakt System can be mounted. The simple push of a button engages the Xtrakt System's drive unit to help complete the extraction.

2 MINIMAL OPERATOR INTERVENTION

Typical IBC extraction often requires manual tugging, twisting, lifting or tilting of the heavy liner to dispense as much of the contents as possible — putting workers at risk for injury. The Xtrakt drive unit, once engaged, operates without the need for operator intervention, greatly reducing that risk.

3 A STRONGER, DUAL-WALL LINER

Standard liners may tear under stress. ILC Dover's flexible liner offers double-wall strength and is specifically designed to work with the drive unit to recover more residual product.





4 INTEGRATED SYSTEM

The Xtrakt System's components, lightweight drive unit and pneumatic control system reside on a portable stand, always ready for the next shipping or transfer tote to empty.

5 DRIVING MORE SAVINGS

Once installed on the neck of the liner and connected to normal plant air, the drive unit automatically tensions the bag, then crawls along its length, continuing to present liquid to the pump to support full discharge.

6 STOPS AUTOMATICALLY

Designed to shut down once it reaches the bottom of each bag, the Xtrakt drive unit recovers all but 2 kg or less of product.

7 SAVINGS ADD UP — FAST

A facility processing 5,000 liners per year, at 1,000 kg per liner, can expect about 15 kg of residual product loss per liner, or 75,000 kg of wasted product annually. Based on product values of \$5 to \$15 per kilogram, total savings using the Xtrakt System, at a 2 kg loss per liner, could range from \$325,000 to as much as \$975,000 per year.

8 GREATER WORKER SAFETY TOO

Because the Xtrakt System's automated recovery of residual products eliminates the need for worker intervention, the risk of injuries and/or workers' compensation claims is reduced. And the empty single-use liners are stackable for easy disposal.



BEYOND BOUNDARIES™

Innovators at our core, we develop engineered solutions for our customers' complex problems. Recognized globally for our flexible containment solutions, ILC Dover serves customers in a diverse range of industries, including pharmaceutical and biopharmaceutical manufacturing, personal care, food and beverage, chemical, aerospace, healthcare and government agencies. At ILC Dover, quality is a culture, not a measurement. Our customers will tell you that we cater to their every need and that we're highly innovative, responsive, dedicated and competitive. We have been innovating since 1947. ILC Dover's visionary solutions improve efficiency, safeguard workers and product, and prevent disasters — proof that we are on the front line of business excellence.

Engineering evolution beyond boundaries.



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