

# LANCASTER PRODUCTS

World Leaders in Material Processing Equipment



Lancaster® KT Transporter    Lancaster® Bulk Bag Unloader

**LANCASTER  
PRODUCTS**

Manufactured by Kercher Industries, Inc.

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The Lancaster Products Line of Material Processing Equipment

High Shear K-Series Mixers

Low Shear L-Series Mixers

K-Lab Mixers

Pug Mills

Roll Crushers

Table Feeders

Automated Material Handling and Batching Systems

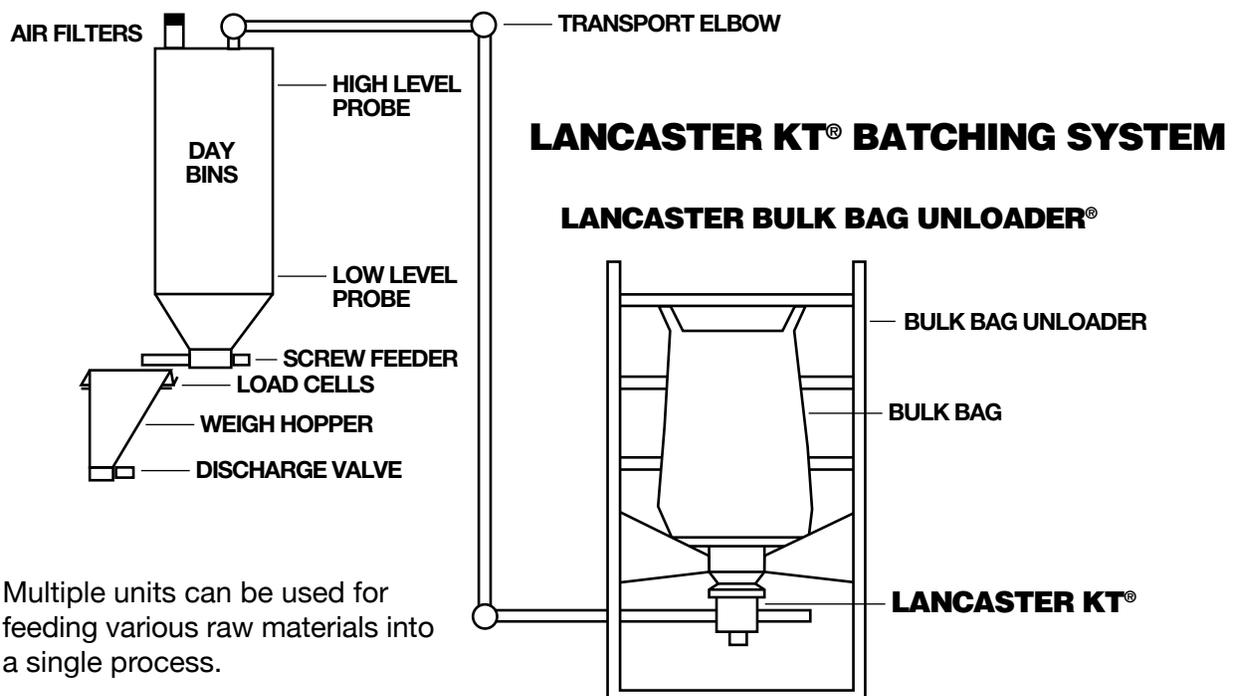
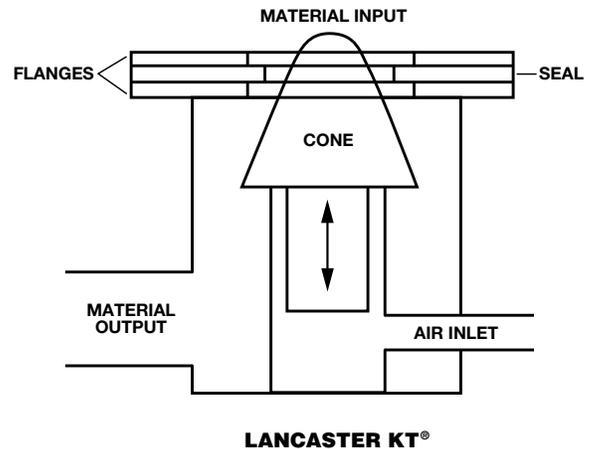
AutoBrik Molded Brick Making Machines

# Lancaster® KT Transporter and the Lancaster® Bulk Bag Unloader

The Lancaster KT is a unique semi-dense phase pneumatic material transporter. It is a small unit. It has only one moving part, uses relatively little compressed air, has a simplified control, but is capable of moving up to 3 tons of material per hour — and it is low priced!

The operation of the Lancaster KT is simple. The KT is positioned under the bag breaking station, bulk bag, silo, etc. The KT fills with material; then a short blast of air (less than one second) is piped into the KT. This raises the cone inside the KT, sealing the filling opening. Excess air forces a “plug” of material out of the KT into the delivery pipe. The air stops and the cone drops. Material again fills the KT ready for the next “puff” and another plug of material is forced down the pipe. These plugs of material continue to travel through the small diameter pipe — all at relatively low velocities and fluidization. When material gets to an elbow, it partially fills the elbow until it exits the other opening. The material essentially forms its own elbow, thus reducing wear of the existing elbows.

The Lancaster KT is perfect for moving material from a staging area inside or outside your plant (a bag break hopper, bulk bag unloader, loaded hopper or a storage silo) to an internal day bin near your processing area. The KT is great for difficult access places, such as removing excess material from press pits. It is also efficient in recycling material captured in baghouses.



- Multiple units can be used for feeding various raw materials into a single process.

Visit our website at: [www.lancasterproducts.com](http://www.lancasterproducts.com)

All information is subject to change without notice.  
Parts and assembly made in the U.S.A.

Pub. 300/15

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