

DENSE PHASE CONVEYING SYSTEMS

Complete dense phase technology is our newest addition for materials that are hard to handle.

SHICK USA is your complete pneumatic material handling solution source. If it can be conveyed pneumatically, we can handle it: from highly abrasive, sticky, prone to segregate, fibrous, explosive, high in fat to the most fragile, we have a reliable, cost effective solution with one of our conveying systems.



APPLICATIONS

ABRASIVE

Silica
Salt
Cullet
Feldspar
Minerals
Coal/carbon/coke
Powdered Metals
Grains

FRIABLE

Sugar
Coffee, beans & ground
Detergents
Whole grains
Prilled materials
Finished products
Plastics

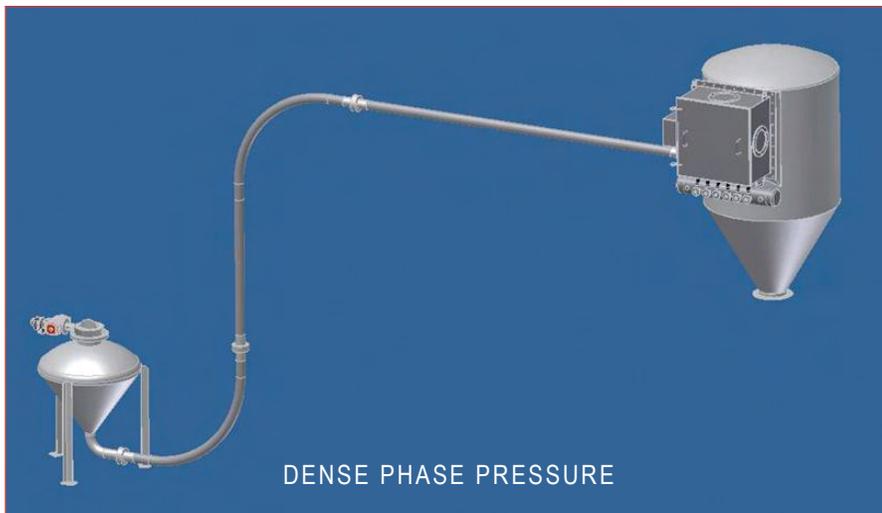
BLENDS

Bakery mixes
Grouts
Drink mixes
Spice mixes
Drilling muds
Detergents/cleaners
Agglomerates



DENSE PHASE CONVEYING SYSTEMS

SYSTEM DIAGRAM



CONDITIONS

- Line sizes from 1/2" to 8"
- Vacuum systems to 30 TPH
- Pressure systems to 100 TPH
- Conveying distances to 1000 feet

PROCESS OFFERINGS

- Dense phase vacuum
- Dense phase pressure
- Dilute phase vacuum
- Dilute phase pressure

STANDARD CONSTRUCTION

- Stainless or carbon steel
- Material to air ratios:
 - up to 50 to 1 with vacuum
 - up to 100 to 1 with pressure
- Product velocities 200 to 1000 ft./min.
- Low operating noise
- Broad operating range
- Energy efficient – lower horsepower requirements

RFQ DATA

Product _____

Bulk Density _____

Rate (Lbs/Hr) _____

Distance _____ Ft. _____ Elbows

HEADQUARTERS:

ShickUSA
4346 Clary Blvd.
Kansas City, Mo 64130
Tel: (816) 861-7224 / Fax: (816) 921-1901

ShickAP
Blk 5000 Ang Mo Kio Ave 5
#05-07 Techplace II
Singapore 569870
Tel: (65) 64824600 / Fax: (65) 64818255

www.shickusa.com | info@shickusa.com

Information on this page is subject to change without notice. For additional information on this and other Shick Tube-Veyor products and services, please call Shick directly or your local representative.

