

COMPARISON OF DIFFERENT CONVEYORS

PneuCONVEYOR - Flexible Screw Conveyors, Tubular Chain Conveyors and Pneumatic Conveying Systems offer distinct differences in performance relative to specific application requirements. Since many plants convey a variety of bulk materials in a range of capacities over varying distances, a combination of these conveyor types is often recommended to maximize overall performance and return on

Conveyor Characteristics	pneuCONVEYOR® Flexible Screw Conveyors	pneuCONVEYOR® Pneumatic Dilute Phase Pressure Conveyors	pneuCONVEYOR® Pneumatic Dilute Phase Vacuum Conveyors	pneuCONVEYOR® Tubular Chain Conveyors
Short distances				
Medium distances				
Long distances				
Low initial cost				
Lowest energy consumption				
Indirect conveyor routing required				
Flexibility of conveyor routing required				
Simplest installation				
Multiple material sources				
Multiple material destinations				
Mobile units				
Evacuation of material from conveying system				
No separation of blends				
Convey directly from barrel or silo, bag				
Materials that pack, cake or smear				
Fragile/friable materials				
Heat-sensitive material				
High temperature material				
Ultra-high temperature destination				
Extreme material in-feed rate fluctuation				
Contamination-sensitive material				
Hazardous material				