



Conveying Potash Dust Using A Chain Conveyor

Question

We are trying to convey a potash dust using a chain conveyor. The dust is coming from a dust filter and it is very fine – less than 50 micron. Do you think we will be able to convey it in an inclination of 20 degrees?

Answer

A chain conveyor is a very efficient method for conveying fine potash dust from a dust filter and up a 20-degree incline. The chain conveyor will lose some efficiency as some of the fine dust falls back down the incline. The chain speed may need to be increased to overcome the inefficiency of conveyor. The chain conveyor will be more efficient as you reduce the angle of incline below 20 degrees.



**Design
Engineering
Manufacturing**

KWS Manufacturing

3041 Conveyor Drive
Burlison, Texas 76028

Toll Free: (800) 543-6558
Phone: (817) 295-2247
Fax: (817) 447-8528

www.kwsmfg.com