

Redmine - Defect #10958

The significance of the parameters of belt conveyor

2012-05-18 02:29 - huangqian huang

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Invalid		
Description			
<p>The effect of belt conveyor:</p> <p>Conveyor lines in certain materials on the continuous conveyor material handling machinery, also known as the continuous conveyor. Conveyor can be horizontal, inclined conveyor and vertical transmission, the space can also be composed of transmission lines, transmission lines are generally fixed. Conveyor transport capacity, long distance, but also in the process of delivery to complete a number of technology operations at the same time, so a wide range of applications.</p> <p>Belt conveyor can be a single conveyor, can also be composed of multiple or with other transportation equipment level or inclined conveyor system, to meet the different needs of the production line layout.</p> <p>Transportation machinery according to the mode of operation can be divided into: belt conveyor, screw conveyor and bucket elevator.</p> <p>The main parameters of belt conveyor</p> <p>According to the general material handling system requirements, material handling in a variety of conditions, the production process and materials properties and to determine the main parameters of.</p> <p>The conveying capacity: the conveying capacity refers to the unit time of the quantity of the material fed. In the conveying of bulk material, with hourly material mass or volume calculation; in conveying piece goods, calculate the number of pieces per hour delivery.</p> <p>The conveying speed: increase the speed of the conveyor can increase the transportation capacity. In a conveyor belt for traction and the length of the conveyor is larger when the conveying velocity increases with each passing day. But the high-speed belt conveyor vibration, noise and need to pay attention to start, brake, problem. The chain as the driving part of the conveyor, conveyor speed should not be too large, in order to prevent the increased dynamic load. At the same time the operation of the conveyor, conveyor speed should be determined according to requirements of the production process.</p> <p>The structural dimensions: conveyor member sizes including the width of the conveyor belt, strip width, hopper volume, pipeline diameter and container size. These structural dimensions are directly affected the conveying capacity.</p> <p>The length of the conveyor and the conveyor line length and inclination angle: the size of a direct impact on the total resistance of the conveyor and the required power.</p> <p>you can get the Lime Kiln, Rotary Kiln, Planetary Ball Mill, Ball Milling Machine, rotary kiln, ball mill. if you are interested in our products, please contact us by E-mail or telephone, thank you. http://www.ballmillmanufacturers.com</p>			

History

#1 - 2012-05-18 14:57 - Etienne Massip

- Status changed from New to Closed

- Resolution set to Invalid