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# Weba Chute Systems Urges Consideration Of Basic Chute Specifications To Address Material Transfer Problems

Material transfer problems can be addressed easily by considering basic chute specifications, but this necessitates a thorough knowledge of transfer point design as well as the ability to determine best practice for a specific application.

Mark Baller, managing director of Weba Chute Systems, says that in addition to this it is necessary to be able to custom engineer each design to ensure that it is fit-for-purpose.

Founded on the principle of engineering custom designed chutes, this is exactly what Weba Chute System does. “Numerous successful installations of Weba Chute Systems have proved that the correct application of our scientific approach to the dynamics of bulk materials handling can completely eliminate the problems associated with conventional transfer chutes, resulting in significant cost savings,” Baller says.

To date, the company has engineered more than 4 000 transfer chutes, which are operating successfully throughout the global mining industry. “We consider a holistic design that not only focuses on the entry and exit points, but which also incorporates the control of the flow, volume and velocity of the material being transferred at all times,” Baller notes.

By custom designing each transfer point, individual Weba Chute Systems can be configured to control the direction, flow and velocity of the calculated volume and type of material processed in a particular application. “The end result is a transfer point that substantially reduces expenditure in minerals processing,” Baller says. This is achieved through increased productivity and adherence to environmental regulations, in addition to decreased replacement and maintenance costs.

“Conventional chute design is often associated with the uncontrolled discharge of bulk materials, which is linked to escalated maintenance and replacement costs. In addition, the presence of dust with conventional transfer points is an aggravating factor,” Baller says. Therefore, stringent environmental regulations must be put in place to control dust emissions.

System design is undertaken using sophisticated 3D computer software, in addition to the relevant data received from the client. Weba Chute Systems are manufactured in an ISO 9001:2015 accredited facility, which ensures quality manufacture. Performance is guaranteed in accordance with operational and application parameters, ensuring the provision of a chute solution that works for every application.

MATERIAL TRANSFER PROBLEMS PIC 01 : Individual Weba Chute Systems are configured to control the direction, flow and velocity of the calculated volume and type of material processed in a particular application.

MATERIAL TRANSFER PROBLEMS PIC 02 : Each Weba Chute System is custom design for a specific application.

MATERIAL TRANSFER PROBLEMS PIC 03 : Weba Chutes control material in a transfer point resulting in major advantages.

MATERIAL TRANSFER PROBLEMS PIC 04 : Locally manufactured Weba Chute Systems are designed according to the principle of conveyed material impacting on surfaces which already contain material.

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