

LANDSTRONG[™] FLOW-CURVE TRANSFER CHUTE

Transfer chutes are essential parts in conveyor belt systems for bulk material (granular and particulate) transportation. LANDSTRONG[™] Flow-Curve Transfer Chute utilizes the 3-D CAD and chute analysis program 3-DEM (Discrete Element Methods) to design and simulate solutions before chute fabrication. By streamlining the process from the point where material leaves the head pulley to when it is deposited onto the receiving conveyor, LANDSTRONG[™] Flow-Curve Transfer Chute allows for a more deliberate control of the material as it flows from one conveyor to another. It is a revolutionary way to handle granular and particulate material. We can build, design, fabricate and install new chutes, as well as repair and re-align existing chutes.



Our custom chute lining protects the chute from the material being handled. Skirt Liners prevent fugitive materials from escaping and damaging the conveyor loading areas. By combining the right liner with the correct chute design, we improve overall system efficiency and maximize material transfer, promoting efficient flow, dust suppression, and reduced buildup inside the chute.

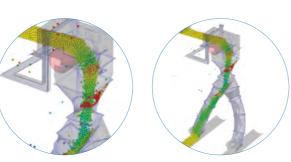
LANDSTRONG[™] Flow-Curve Transfer Chute is easily applied to both existing and new installations, reducing disruptions during the transition period. With our 14 years of chute experience, over 300 chute installations, outstanding reputation in the Asian coal-fired power plant and petroleum industry, conveyor material handling knowledge, engineering capabilities, and complete turn-key installation services, we are confident in solving any transfer point problems!

Flow-Curve Transfer Chute:

- Reduces Dust and Spillage
- Improves Safety
- Reduces Cleanup Headaches
- Reduces Belt Abrasion and Wear
- Ensures Center-Loading
- Retains Accessibility
- Easy Maintenance
- Cost Efficient Operation
- Up to 80% Water Savings







	Hood
	Two-Way Diverter
	Universal Flange
	Curve Chute
	Chute Foot
	Dust Suppressor
	A REAL PROPERTY AND A REAL
vard	
$\overline{}$	

Our competitive advantages:

- Well known in the Asian market
- 14+ years of chute design and engineering experience
- 300+ installations
- Well-trained engineering team
- After marketing services: spare parts and maintenance

Project procedure:

1.Using 3-D CAD, design according to material properties, chute geometry restrictions, and fabricating limitations toward the goal of flow and dust emissions control.

▼

 $\mathbf{\nabla}$

2.Simulate performance by using 3-DEM Chute Design software.

3.Evaluate simulation results and choose the best design that meets the project goals.

4. Detail the new design for manufacturing

5. Manufacture the new transfer point chute.

6.Supervise the installation of the new transfer chute.

Our clients say:

LANDSTRONG[™] transfer chute solved all the problems created during coal conveyor transportation. It created a very clean working area and completely changed our working environment for the better. ---China Daihai Power Station



ENERGY SOLUTIONS SPECIALIST SERVING THE POWER INDUSTRY SINCE 1998