



Inteliflo[®]

adjustable skirtless transfer system

- Enhanced Safety with Reduced O&M Costs
- No Skirts, Seals, or Belt Support
- Less Spillage and Dust
- No Hoods or Tail Boxes

The Next Generation in Material Transfer Technology

Changing the Way Coal Is Handled

InteliFlo® with J-Glide® is not a passive system that contains the dust. It is a proven, pro-active, innovative dust prevention solution that dramatically minimizes your plant's O&M costs. InteliFlo eliminates the need for skirts, seals, hoods, and tail boxes' manpower and dollars no longer need to be wasted on spillage clean-up, maintenance, and dust containment.

Optimized Material Flow

J-Glide allows for adjustable vertical loading accommodating various fuel types and environmental conditions by changing material speed through the transfer. Adjustable horizontal loading works to ensure improved center loading of the belt.

Smooth Lines—Sleek Design

InteliFlo's revolutionary new design proactively prevents dust from being generated instead of just passively controlling it. Its unique rounded shape has replaced the square corners of a traditional chute maximizing material flow while dramatically reducing dangerous and costly build-up and spillage. Doing away with skirts, seals, and related maintenance lowers O&M costs and increases productivity.

Modular Component Design

InteliFlo is a modular system which shortens lead times for fabrication, lowers installation costs, and reduces outage requirements. This proven system has been installed in less than twenty-four hours, minimizing interruption to plant production. Modular design also allows for simple, quick change out of components once they end their service life.

Proven Cost Savings

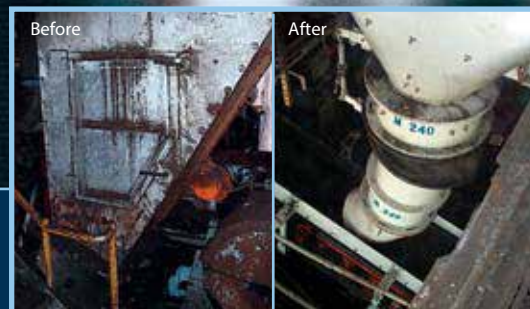
O&M costs and manpower requirements associated with traditional transfer systems are eroding your facility's profits and increasing your exposure to risk. Rising costs, downtime due to pluggage, skirts and seals maintenance, component wear, and housekeeping make it difficult to manage your budgets. Accumulation of dust concentrations within transfer facilities and high spillage levels create potential for spontaneous combustion. The InteliFlo system increases operating efficiency by eliminating the cause of these issues.



Custom head chute prevents material and dust build-up, while the innovative design allows full interior access

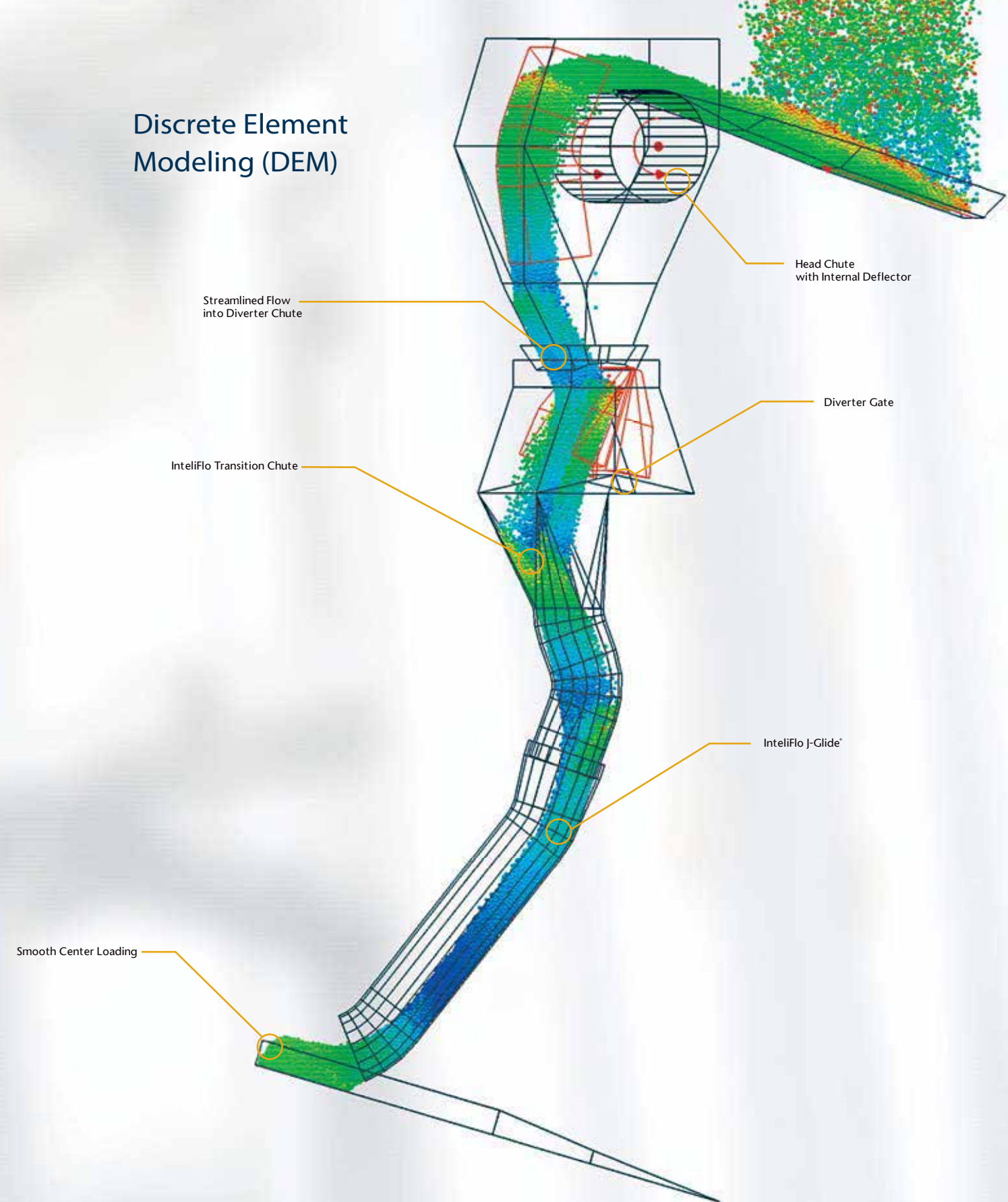


Dramatically reduces spillage and eliminates the need for skirts, seals, belt supports, vibrators, and hoods



Engineered to prevent dust generation, build-up, and pluggage by eliminating corners and material impact

Discrete Element Modeling (DEM)



DEM Particle Flow Analysis

Benetech has developed a pre-installation computer modeling process that anticipates your plant's potential downstream material flow problems and solves them before costly mistakes occur. Our team of engineers and fuel-handling experts partner with you to define your facility's material transfer needs and then optimize the InteliFlo system to meet your specific requirements.

Key Attribute	Traditional	Advanced/ Passive	InteliFlo
Transfer system without skirts	No	No	Yes
Transfer system without hooded discharge/tail box	No	No	Yes
Transfer system operates without a separate dribble chute	No	No	Yes
Transfer system is adjustable for changing material properties	No	No	Yes
Transfer system is adjustable to ensure center loading	No	No	Yes
Transfer system operates without friction type power consumption	No	No	Yes
Transfer system promotes extended belt life	No	Varies	Yes
Installation is conducive to non-outage time requirements	No	Varies	Yes
Allows full access to interior of head chute for maintenance	No	Varies	Yes
Utilizes a compact design with rounded components to avoid material build-up	No	No	Yes
Reduces potential risk of high dust concentration recirculation	No	Varies	Yes
Reduces risk associated with material build-up and spontaneous combustion	No	Varies	Yes
Lessens O&M expenditures (no belt wear components)	No	No	Yes

Attributes of the Benetech InteliFlo Adjustable Skirtless Transfer System

InteliFlo Patent No. 7,228,956

A Proven Approach

InteliFlo® has helped coal-fired generating plants achieve:

- Reduction in O&M costs for housekeeping
- Elimination of skirt boards/seals, impact cradles, and related costs
- Reduction in dust generation
- Improved transfer access in confined spaces
- Reduction/elimination of build-up in chutes
- Significant decrease in impact forces on the receiving belt, which lengthens belt life

When Less Does More

InteliFlo is a proven approach to help you meet the challenges brought on by ever-changing OSHA and EPA mandates. It tackles your safety issues head on while drastically minimizing your O&M cost. Learn more about InteliFlo and its ROI for capital projects while making your coal handling safer.

Contact us today at 630-844-1300 x241, or visit Benetechglobal.com to learn how less does more with InteliFlo Adjustable Skirtless Transfer System.



Benetech helps clients around the globe increase profits while improving the safety of their operations through risk mitigation, asset optimization, and fuel flexibility. Contact us today to learn how we can help you take advantage of Benetech's turn-key capabilities.