

TRANSFER STATIONS

Roof or Floor Mounted

DEM (Discrete Element Modelling) analysis to ensure optimum material flow

Wet Areas in Stainless Steel

Screen is reversible for increased life

Reduced Chute Wear

Minimal Product Degradation

The design of our transfer station optimises available height to redirect the coal flow with minimal spillage and chute wear.

We can also utilise available space to accommodate dewatering and magnet systems. Transfers can be floor or roof mounted to suit the specific application.

The transfers are designed for ease and speed of installation and relocation. They incorporate dedicated lift points and detailed work instructions to ensure the safety of the installation team.

In designing the chute we undertake a complete Discrete Element Modelling (DEM) analysis of the coal flow to ensure the correct transfer of material through the chute. This analysis also assists in minimising dust and product degradation. The main flow chute is fitted with replaceable liners for equipment longevity.

We ensure any dewatering screen is not located in the material flow to minimise screen impact damage.

In-ground support structure, civil plans and trim instructions are included.



TECHNICAL DETAILS

The transfer includes the following:

- Hood Chute including Liners & Spray Bar
- Spoon Chute including Liners
- Impact Station including Skirts
- Delivery Jib including Belt Cleaners
- Walkway / Cross over Inspection Platforms
- Live Shaft / Dead Shaft Pulley Options
- Belt Transition Structure
- Field Devices
- Guarding