Solution File

Reclaim Feeder









Summary

The JOY Reclaim Feeder is an efficient and cost-effective mechanism for reclaiming stockpiles and feeding material. Design features eliminate costly civil work and site preparation. The Reclaim Feeder is versatile for numerous operating conditions. Reclaim Feeders currently operate in various applications including, but not limited to, synthetic fuel plants, power plant facilities, synthetic gypsum plants, truck load-out facilities, port load-out facilities, and coal mining operations.

Benefits

- In-ground hoppers, grids, tunnels and underground belt systems are no longer needed.
- Requires only solid, level ground conditions for installation
- Material forms its own surge hopper, eliminating expensive fabricated upper hoppers and structures
- "Flat Back" hopperless design allows material to be pushed by dozers or vertically discharged from front-end loaders, trucks, clam shell buckets and excavators directly onto the integral drag conveyor.

- Rugged machine frame design for dependable performance and availability
- Mobility options include skids, wheel, crawler or railroad wheel mounting to match virtually any reclaim condition
- Available with rotary pick breaker for stockpile applications requiring size reduction and feeding from one unit



Reclaim Feeder processing 2" x 0" coal at a synthetic fuel plant at a rate of 400 TPH.



This fixed mount reclaim feeder installed in a slot in the concrete retaining wall delivers 500 TPH of coal directly to the power plant.



Reclaim Feeders can handle up to 4,000 TPH and can be designed with higher tonnage capacity if required.



The discharge end of the Reclaim Feeder can be designed to meet your exact belt conveyor interface.





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