



Whitepaper

Stacking, Blending and Reclaiming of Coal

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In many parts of the world, partly due to hard weather conditions, development has in many cases led to stockpiling and reclaiming methods in which more conventional boom stackers and bucket wheel reclaimers have been replaced by stacking conveyors and underground feeders and conveyors.

Incoming coal can first be screened in a combined roller screen/crusher to break the clodded part of the coal and to separate the stones and wood from the coal. This operation can also be carried out after reclaiming, especially if there are regularly freezing weather conditions.

Figs. 1 and 2 illustrate a coal storage system with either a fixed slewing stacker or a traveling cross conveyor for stockpiling.