



Mining

With more than 120 years experience, extensive know-how and high quality standards in the field of open pit mining equipment and technology, ThyssenKrupp is well suited to provide clients this type of equipment. The range of available machines and techniques are involved in mining, moving, stacking or tipping of materials like earth, overburden, coal, lignite, ore, phosphate and limestone.



Bucket wheel excavators:

Giant bucket wheel excavators, the largest mining equipment on earth. The technical giants from ThyssenKrupp are custom designed and built for the specific operating conditions and the production rates for each open pit mine. Currently attained production rates are up to 240,000 yard³ (bank) per day, digging heights of as much as 300 feet and service weights of 13,500 tons.

The standard and compact bucket wheel excavator series is designed to suit the requirements of open pit mining and earthmoving operations with small and medium production rates. Standardization of components and extensive pre-assembly of the equipment have significantly reduced the cost and delivery time of these machines. The effective capacity ranges from 4,000 to 65,000 yard³/day.

Spreaders:

The spreader is the last link in the chain of equipment for continuous removal of overburden. ThyssenKrupp has built spreaders for all capacities throughout the world, and for special applications the cross pit spreader system (XPS®) was designed.



Conveyors:

Belt conveyor systems planned and designed, manufactured and installed by ThyssenKrupp, prove their high reliability even under extreme operating conditions. Overland belt conveyors connect the open pit mine and the power station; high capacity conveyor systems for open pit mines are available in stationary, shiftable and relocatable designs.