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New Mine Hoists

The Homestead Mine of Lead, South Dakota, traditionally associated with frontier names like Calamity Jane and Deadwood Dick, and famous today as the outstanding gold producer of America, was recently equipped with two of the largest mine hoists in the Western Hemisphere. They are located in the new Ross shaft, completed this year, which makes possible a substantial increase in the tonnage output of the mine.

The two drum hoists exceed in size even the gigantic drums used at Montana and Arizona copper locations. They each weigh 210,000 pounds, are 12 feet in diameter at the small ends and 25 feet across at the large ends. They are mounted on parallel shafts 30 inches in diameter and 38 feet long.

The ore hoist is driven by two 1500-horsepower, direct-current motors and the cage hoist by a single motor of the same rating.