

Thern

Product Application



Mining

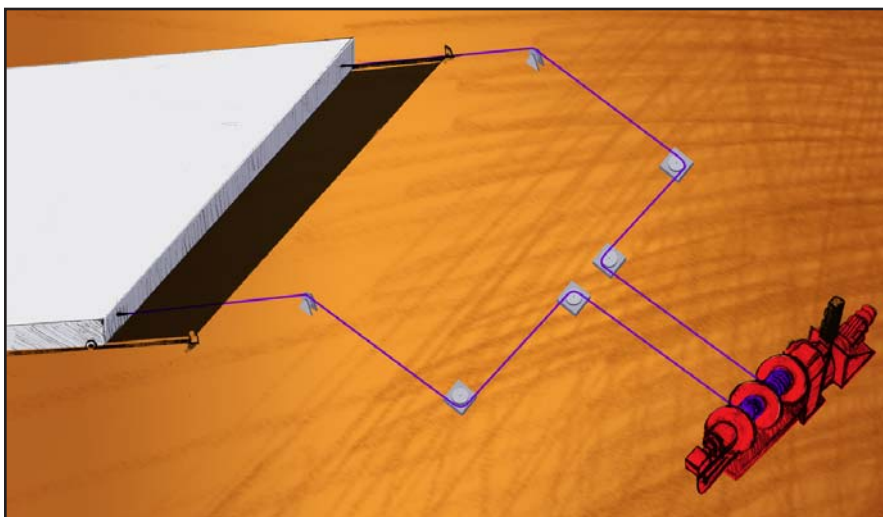


Opening and Closing Furnace Doors



Thern 4HP Series winches are used to open and close furnace doors at a copper smelting plant. A unique rigging arrangement provides an economical solution with two wire ropes attached to a single

drum, allowing one winch to operate each door. Special motors are required for the corrosive environment.



The winches are positioned above the furnace doors.





A total of five winches were sold to operate five furnace doors.

APPLICATION DETAILS

Lifting or pulling:	Lifting
Line pull required:	16,500 lb, two lines off drum
Line speed required:	20 fpm
Travel distance of load:	15 ft, single layer grooved drum
Power source:	460/3/60
Installation requirements:	Base Mounted
Environment:	Corrosive
Frequency of operation:	Intermittent

