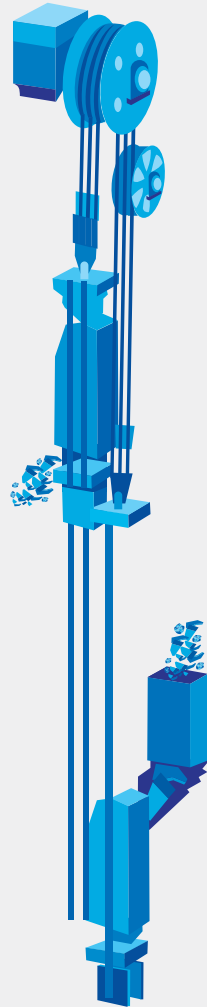
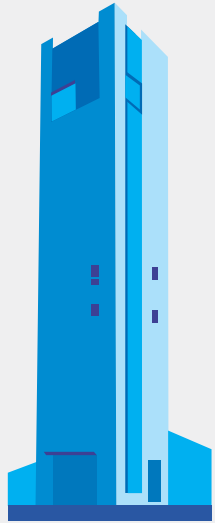


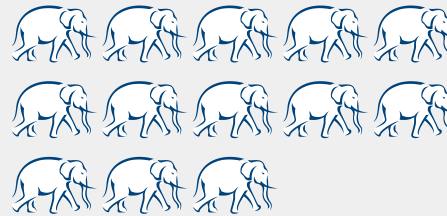
High production from deep mines

Friction hoists: Raising and lowering loads, using less electrical power



Friction hoists utilize **tail or balancing ropes**. So it is only the weight of the payload that requires motor power.

Today's friction hoists can carry up to 65000kg, equivalent to about **13 fully grown African Elephants**.



Friction hoists can be used to carry loads from mines up to 2000m deep, about the height of **6 Eiffel Towers**.



It is common for large friction hoists to have motors rated over 10000 kW - It takes about **44 full size cars** to deliver equal power.



Today's typical high capacity friction hoists use up to six, 56 mm diameter, steel wire ropes, each consisting of hundreds of individual wires. The total length **would be over 5300 Km**, almost the same distance from New York to London.



Power and productivity
for a better world™

