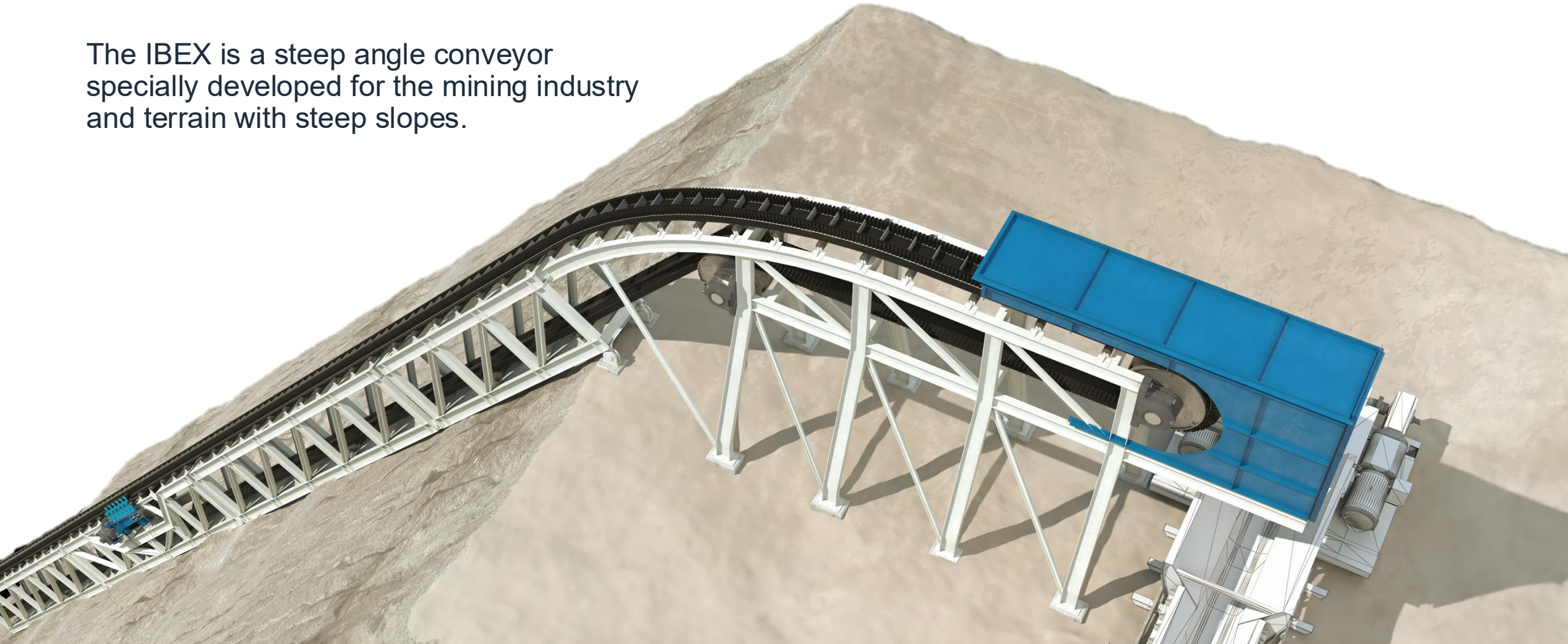


IBEX Steep Angle Conveyor



IBEX OVERVIEW

The IBEX is a steep angle conveyor specially developed for the mining industry and terrain with steep slopes.



IBEX OVERVIEW

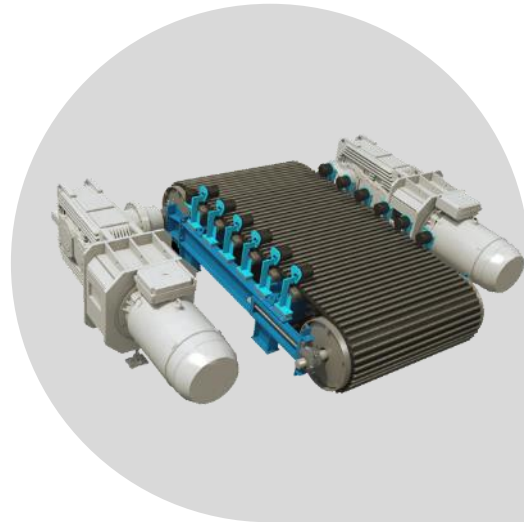
With its advanced drive concept, the IBEX can be adapted to almost any height and is easily expandable.

- ✓ Nearly unlimited elevation
- ✓ Flexible extensions
- ✓ Modular design
- ✓ Standard belt design
- ✓ Standard electric drives
- ✓ Redundant drive concept



IBEX OVERVIEW

The drive concept makes it possible to use any number of motors - depending on requirements or restrictions.



EXAMPLE DRIVE STATION

- Rotable Drive Unit
- 2 x 400 kW SEW Conveyor Drive
- SEW Frequency Converter
- Flange Coupling
- Integrated Disc Brake

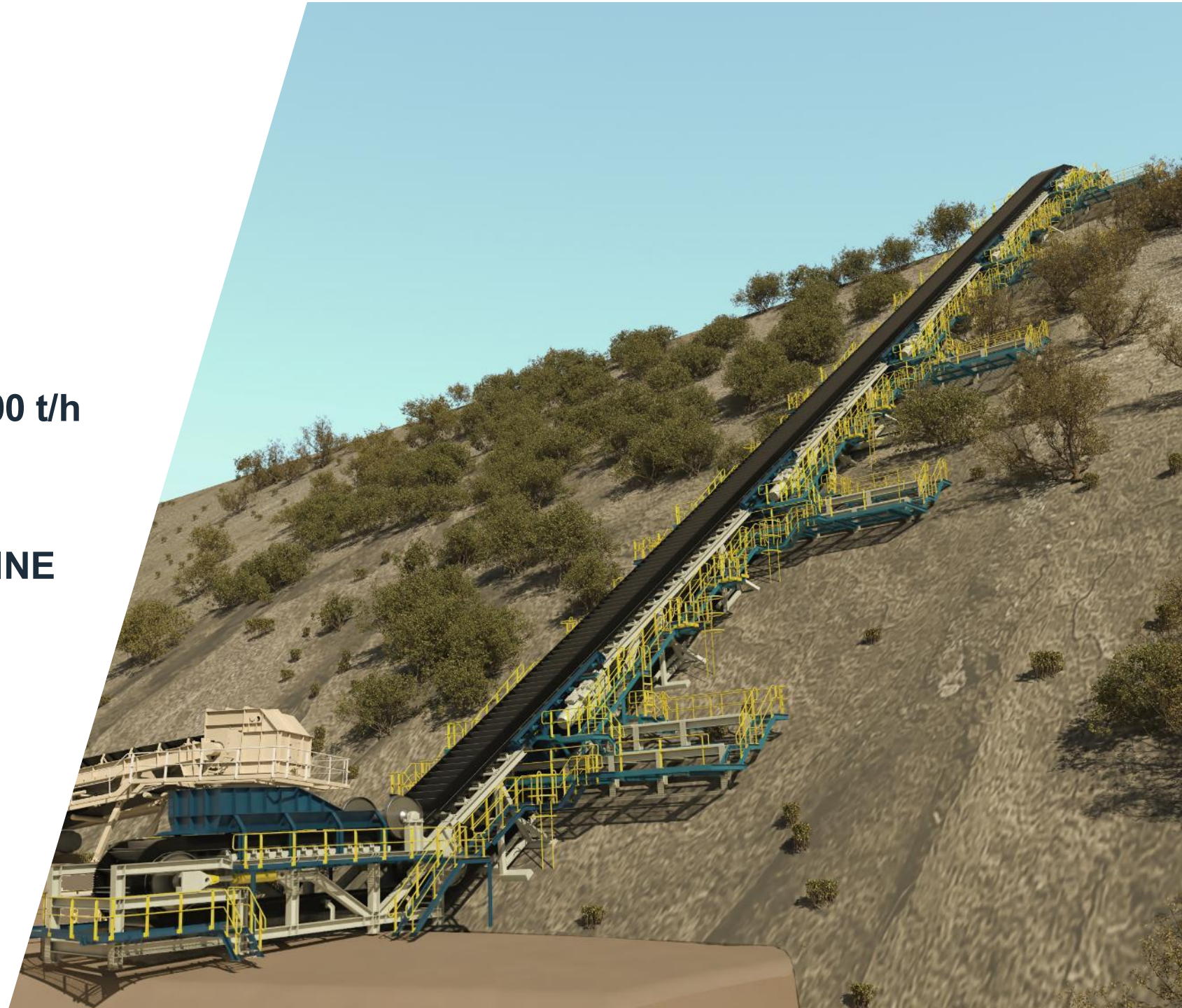


IBEX OVERVIEW

 **CAPACITY**
Up to 16.000 t/h

 **STANDARD INCLINE**
30-50°

 **MAXIMUM INCLINE**
90°



ADVANTAGES



SAFE OPERATION



HIGH CAPACITIES



LOW OPERATING COSTS → OPEX SAVINGS



LOW CO2 FOOTPRINT



FEW OPERATING PERSONNEL



HIGH AUTOMATION POTENTIAL



LESS DUST AND NOISE POLLUTION

OPERATING COSTS



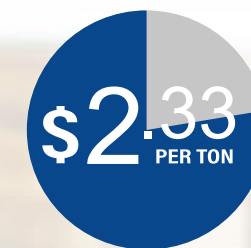
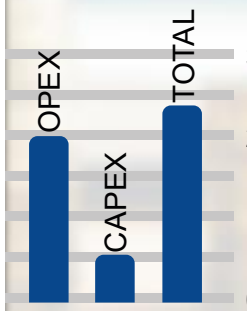
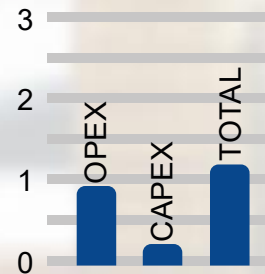
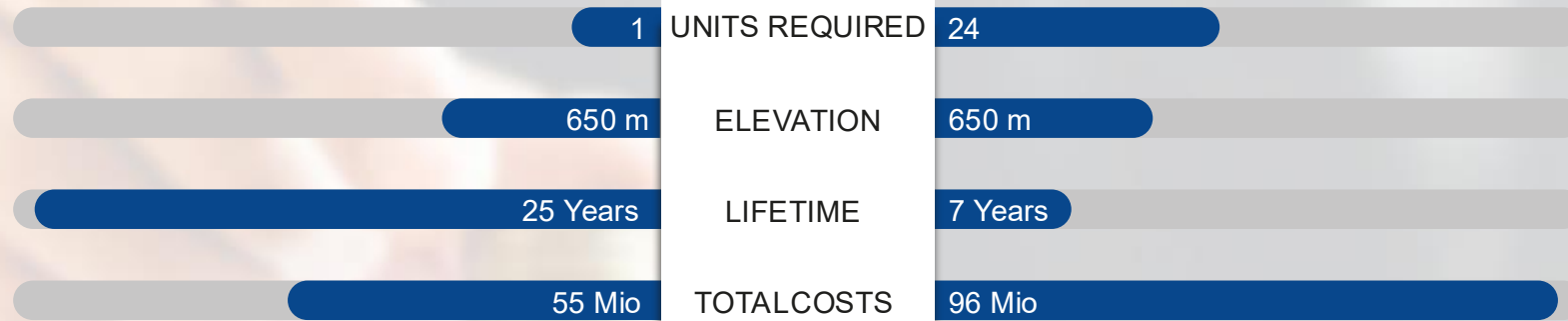
IBEX
2000x680

VS

6500 t/h
OPEN PIT MINE



TRUCK
290t payload



EXAMPLE CALCULATION

REDUCE THE ENVIRONMENTAL IMPACT



IBEX
2000x680

VS

6500 t/h



TRUCK
290t payload



ANNUAL DIESEL SAVING

44.600.000 l



ANNUAL CO2 REDUCTION

119.600 t



SAVING OF USED TIRES

1.310 t

CASE STORY #1

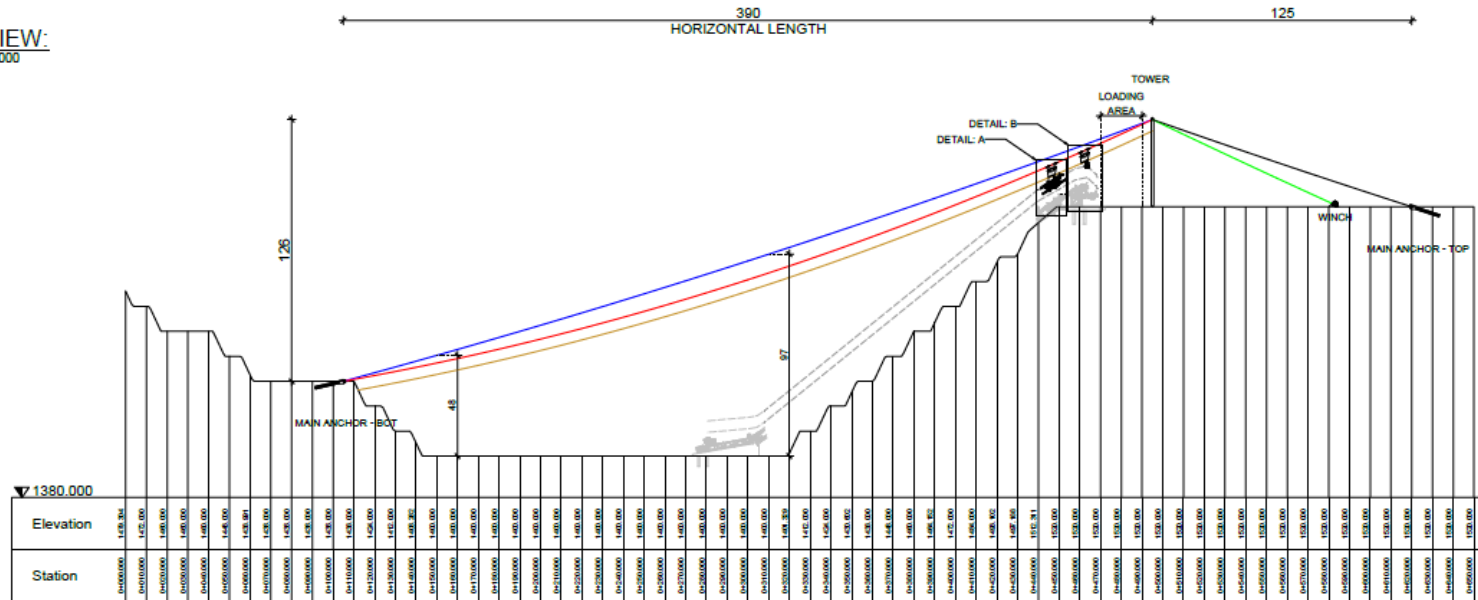


OPTIONAL CABLE CRANE

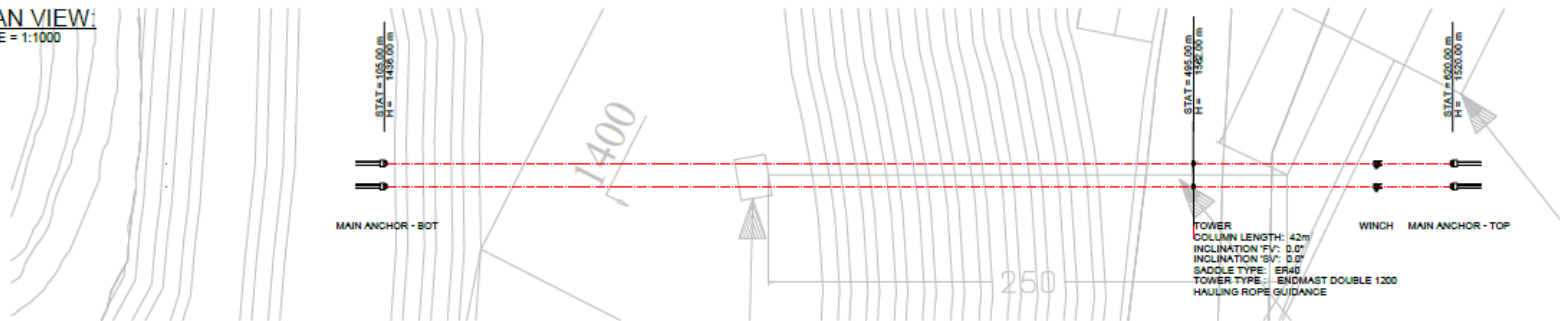
Design Features:

✓ Hoisting Capacity: 2 x 15 to

SIDE VIEW:
SCALE = 1:1000



PLAN VIEW:
SCALE = 1:1000



Advantages:

- ✓ Material Transport
- ✓ Installation
- ✓ Equipment Transport
- ✓ Staff Transport
- ✓ IBEX Maintenance

CASE STORY #2



CASE STORY #2





together.forward