

# Diaphragm walls with KG 25

## PROJECT QUANTITIES AND GENERAL DATA

- Wall excavation: ~26.800 m<sup>2</sup>
- Wall length: ~ 800 m (~ 200 m x 200 m)
- Wall depth: 33,5 m
- Wall thickness: 800 mm
- Panel dimension: 6500 mm

## MAIN FOUNDATION EQUIPMENT

- Casagrande RKG 25 equipped with:
  - Free fall winch for 500 kN max extraction force
  - Hydraulic grab KG25 - 3000 x 800 mm - with round jaws.
  - Overall weight of empty grab ~16t

## SOIL FEATURES

- 0 ÷ 27 m: sand and some layers of clay
- 27 ÷ 29 m: sandstone - one layer - 1,5 ÷ 2 m thick
- 29 ÷ 33,5 m: compact sand

