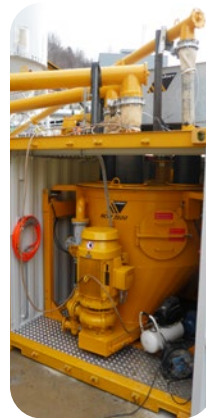




Häny MCM 5500 mixing plant



Häny Mixer HCM 2500



TBM on the south entrance of the tunnel

The original Belchentunnel - a twin road tunnels along the highway A2 between Basel and Egerkingen - were built in 1970 and because of damage on the supporting structure of these existing tunnels it was decided to build a new tunnel parallel to the existing ones with the purpose to divert the traffic through this new tunnel during the renovation period on the existing tubes.

The executing construction company Mari AG works with a Dia 13.97 m Herrenknecht tunnel boring machine and relies on a Häny mixing plant MCM 5500 which is installed outside of the tunnel, preparing the grout for the two-component segment backfilling application (annular grouting). The grout is pumped into the tunnel to the TBM by means of two Häny grout pumps of the type ZMP 726.

The anticipated duration of the excavation works is from 2016 – 2019 and it is scheduled to have the traffic run through the new tunnel in year 2022.

Scope of supply:

- 1 x Häny mixing plant MCM 5500 (Mixer HCM 2500, Agitator HRW 3000, 2 x Pump ZMP 726V)
In conjunction with 3 silos: (1 x bentonite, 2 x cement)
Mixing Capacity: ~30 m³/h

Year of Delivery:

Winter 2016