



Häny MCM 5500 mixing plant, connected to 4 silos



Tunnel-entrance

The entire construction addresses the modernization of the high-speed railway line running from Rokycany up to Ejpvovice, part of the Trans-European Transport Network. An essential section of this project is the construction of two single-track tunnels with 4,2 km length each, going through the Homolka and Chlum hill formations, close to the city Pilsen. The executing construction-company, Metrostav A.S., relies also for this project on mixing- and injection technology from Häny.

In this case, the Häny mixing plant MCM 5500 is installed in front of the tunnels for preparation of grout which is continuously pumped inside the tunnel for a two-component back-filling application (annular grouting). The grout is pumped into the tunnel by means of two Häny grout pumps of the type ZMP 726. The mixing plant operates around the clock, 7 days per week.

Professional after sales service for the plant is provided by the local Häny-dealer, Swissgreen Alfa s.r.o.

Anticipated project realization: 2013 – 2017  
For more information please visit [www.rokycanyplzen.cz](http://www.rokycanyplzen.cz).

The same mixing plant was used on the Metro Line LO V.A1 (driveage between Motol and Dejvice stations) in the city of Prague from 2011 – 2013.

#### Scope of supply:

1 x Häny mixing plant MCM 5500 (Mixer HCM 2500, Agitator HRW 3000, 2 x Pump ZMP 726V)  
In conjunction with 4 silos: (1 x bentonite, 1 x flyash, 2 x cement)  
Mixing Capacity: ~ 30 m<sup>3</sup>/h

#### Year of Delivery:

2011 / 2013