
Herrenknecht AVN800XC (OD1110 mm) microtunneling system for 140 m with extension kit DN1000

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AVN800 microtunneling system 140 m with extension kit DN1000

The project **AVN800 microtunneling system** 140 m with **extension kit DN1000** is another of the projects where we have supplied a complete system to our client. The **tunneling machine AVN800** was fully overhauled in our German workshop (Tunnel Service Group) with warranty whereas some items were supplied new. The main **overhauled components** are of origine **Herrenknecht** and the new components are mainly from reputable German manufacturers as well as own design & build. The enduser is a Qatari client and the equipment is working to full satisfaction of the contractor in Doha, Qatar



The equipments supplied is:

- **AVN800 microtunneling machine** (origine Herrenknecht AG) with **extension kit** to **DN1000** mm
- Rock **soil cutting wheels** for **microtunneling diameters** DN800 and 1000 mm, new and special designed for Qatar limestone rock.
- Operation container (Origine Herrenknecht AG) for microtunnelling systems AVN250 - 1400XC with 2 frequency convertors (2x30KW) and **Hydraulic pump** for main drive 75KW and 180 L/min (A4V125)
- Complete **slurry circuit** for 140 m: Habermann 3 slurry pumps (feed pumps KSB, Slurry pumps tunnel and shaft by Habermann), hoses, slurry lines DN100
- Complete set hoses for 140 m **microtunnel**: **Hydraulic hoses** 8S/18L/38S, power supply tunnel pump and data cables 37 Pin
- **Guidance system microtunneling** including ELS laser target and Geo Laser VL80