Well Pointing Mobile Pump SuperBetsy

**Application market**  
Construction

**Market segment**  
Dewatering & Drainage

**Pumped medium**  
Groundwater

**Pump product**  
Mobile Pump SuperBetsy

**Country**  
Netherlands

**Challenge**
Well pointing is a highly efficient method of controlling and if needed, lowering groundwater levels and is often used to keep building sites or building pits dry. This demanding task, where usually a considerable amount of air, as well as a high amount of dirt and solids is present in the pumped liquid primarily requires a suitable, self-priming and robust pump with a powerful vacuum system.

**Solution**
Use of the mobile pump unit **SuperBetsy** with Diesel drive, soundproof housing and highly efficient priming system, the only mobile pump system with integrated Hidrostal Screw Centrifugal Pump. The Well Point system consists of a series of well points arranged in a trench or pitch, brought together into a collector pipe towards the pump. The water is sucked in by generating a vacuum and then pumped out from the pump through the collector pipe.

**Benefits**
With its outstanding non-clogging and good suction capabilities, as well as a high wear resistance, the Hidrostal pump easily withstands the extreme conditions present in this application. Hidrostal is preferably used when other pumps fail. The use in the mobile pump system **SuperBetsy** makes the Hidrostal pump an almost unbeatable unit.

**Quantity of units sold**  
2

**Pump type**  
SB100-DS mobile pump with integrated D04R-SMN Screw Centrifugal Pump

**Motor data**  
14 kW / speed range 1’500 rpm to max. 2’100 rpm

**Material combination**  
Cast iron pump body and wear parts (Screw Centrifugal Pump)

**Duty point**  
Flow : from 13 to 60 litres per second / Head : from 3 to 28 meters

**In operation since**  
2009