



**SALVATORE
ROBUSCHI
POMPE PARMA**

Floating Pumping Station

RB - General Industry and Power Generation

Open Fit Water Control

Pits are used typically for collection and equalization of waste water flow from trenches or sewer lines before treatment or storage. They are usually quiescent and open to the atmosphere. In industry, individual drains may be dedicated to a single source or piece of equipment. Area drains will serve several sources and are located centrally among the sources or pieces of equipment that they serve. Lift stations are usually the last collection unit before the treatment system: Their main function is to lift the collected waste water to a treatment and/or storage system, usually by pumping or by use of a hydraulic lift.



Application : Floating Pump Station

PUMP: RBB 300 45E 6C75 122
PERFORMANCE: Flow 1600 m³/h – head 9 m
LIQUID: grey water

Open pit dewatering is a process where dirty water is pumped out from the pit using high-head drainage pumps, preferably suspended from underneath. The water can contain suspended solids and traces of sand. The big channel impeller pump is installed in a pontoon for dewatering pits.

RB SERIES

Impeller type: **channel**.
Discharge sizes: **from DN 65 to DN 300**.
Maximum working pressure: **10 bar**
Flow rate: **up to 2400 m³ /hr**.
Differential head: **up to 70 m**.
Impeller with special blades geometry for low NPSH and high free passage.

