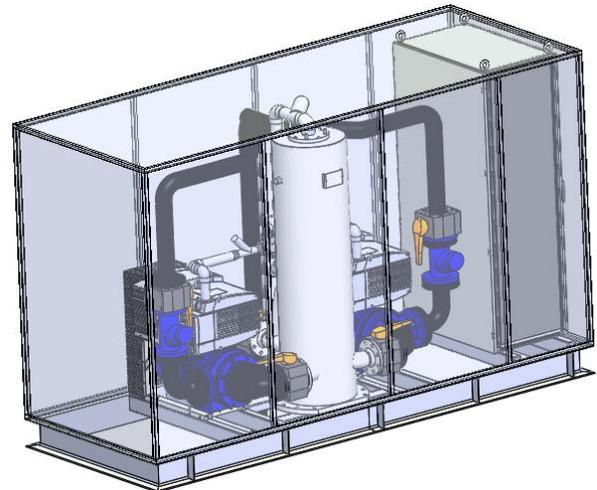


The Doppelpumpstation VAB Block is used in areas for train disposal as the central technic to suck on the sewage from the trains.

Therefore two powerful pump combinations of company VAB GmbH are used. These pump combinations have a 100% redundancy.

One Pump combination exists of a rotary pump from the company Herborner Pumpen 5,5QSH/101GD-1-184 and a vacuum pump from the company Becker- Typ 3.100. Both machines have together just one engine. With this solution we have a powerful product on the market and can use the advantages of these two different machines. The vacuum pump evacuates the complete pipeline and the sewage pump transport the sewage. A small tank divides air and water and so we take care that no sewage can come in contact with the vacuum pump. The rotary pump has a free diameter of 63mm and so blocking of solid is nearly impossible.



## Specification Doppelpumpstation VAB Block

pumps:	2 pcs. Pump combinations VAB GmbH
capacity:	2x 160m <sup>3</sup> /h
vacuum:	-0,8 bar
differencial pressure:	4,0 bar
engine power:	2x 5,5kW
base frame:	galvanized steel
sucking-/ pressure con.:	2x DN 80
container & doors:	aluminium frame; soundproof plates powder- coated
line voltage:	3x 400/690 Volt, 50Hz
heating:	selbstregelnd 3x 250W
dimesnions LxBxH:	3000x1150x1840mm
weight:	1900 kg inkl. Einhausung

The Pump Combinations are completely assembled with pipelines and fittings. They have vibration- dumping feet and are bolt on a galvanized steel construction. The whole technic is covered with a weatherproofed and soundproofed container. This container exists of 7 removable plates and one door so that any maintenance work can easily be done. The plant is operated over a 7" Touchpanel with a siemens S1200.