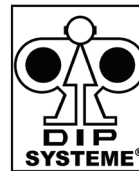
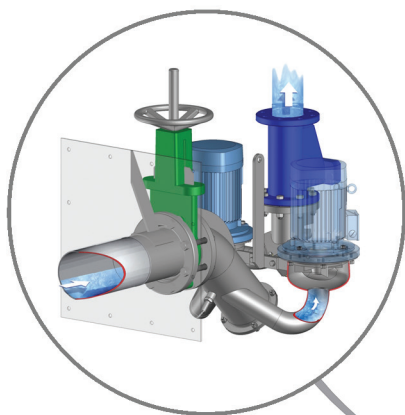


DIP Systeme®

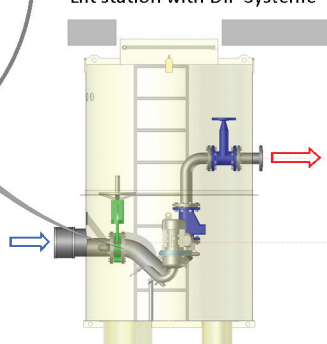
by S.I.D.E. Industrie



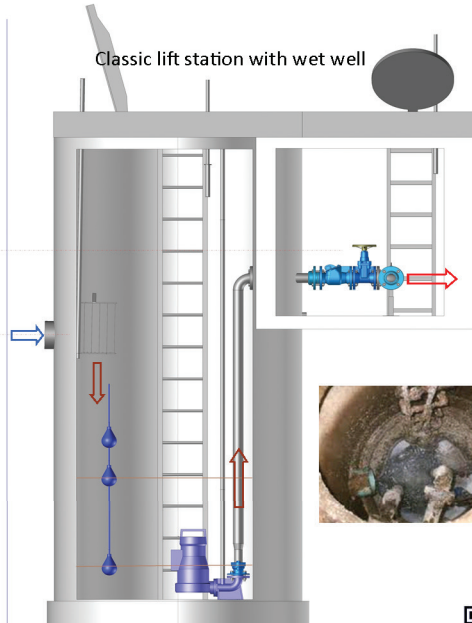
No wet well. Simple solution.
Our future.



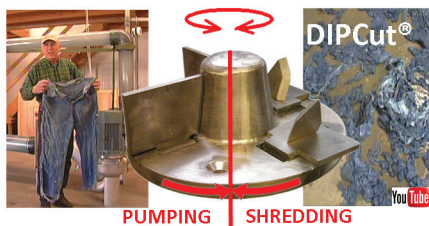
Lift station with DIP Systeme®



Classic lift station with wet well



New DIPCut® impeller



S.I.D.E. Industrie is a French family company specialized for over 25 years in solutions for the pumping of "difficult fluids." Based on practical expertise in the field, the development of its product range (56 models with flow rate: from 20 to 10.000 gpm/unit and head from 3 to 300 ft.) is the result of 30 years of research, and from listening to the daily concerns of its 1200 users worldwide, enabling them today to offer a modern alternative to wastewater lift stations that saves time and money by logically solving issues such as : dangerous gases (H₂S), odors, sand and grease accumulation, hazardous access, variable flow, clogging, and dirty jobs...

How? Because DIP Systeme® does not lift, it just boosts variable flows from the sewer line invert to the discharge pipe with no need of any wet well.

In today's global and throw-away society, the "enemy" is fibrous waste such as rags, therefore SIDE Industrie designed DIPCut®: a patented impeller that becomes a "Shredder" when it changes direction of rotation. Coupled to variable frequency drive, this impeller changes its direction of rotation automatically when needed in order to cut snarled long fibrous materials and rags, and then remove them. This is the ideal "Rags-Killer"! DIPCut® combines the advantages of the conical Vortex impeller when pumping sand, gases or big solid wastes and the shredding function cutting long fibrous materials into shreds.

Knowing that cleaning out a classical pumping system costs on average \$350 that is equivalent to an electric consumption of 3.500kW/h, DIPCut® allows the savings of those clogs and uses less power. Contrary to others as Grinder or shear and cut and pump, the DIPCut® impeller keeps its high hydraulic pumping efficiency. Moreover, while shredding, all the power of the motor is used only by the 4 "knives" that are very efficient and consume less energy.

Result: an efficiency doubled in comparison to other pump systems, so no motor oversize.



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