

A System That Causes
a Lot of Controlled Commotion.



The environment needs perfect solutions. The Amajet system is perfect.

Polluted storm water may not be discharged untreated into the environment. Regulations require it to be collected in storage facilities upstream of treatment systems.

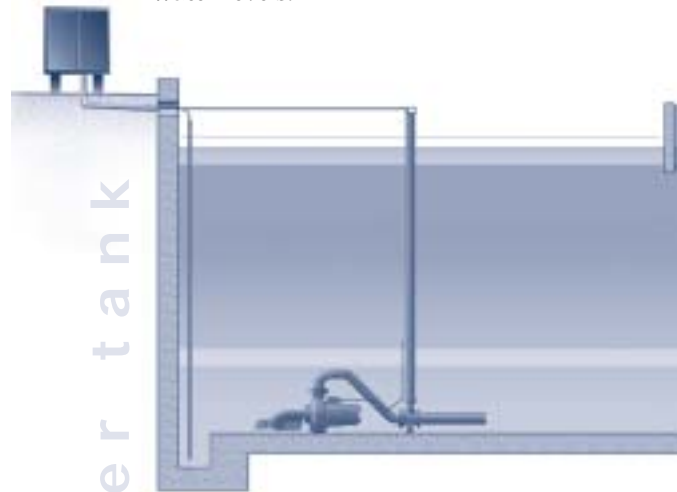
For use in

- storm water tanks,
- storage sewers,
- pump stations:

KSB Amajet

The KSB Amajet system is an effective means of cleaning these facilities. A well-structured integrated system ensures controlled, long-term cleaning without clogging.

The water is drawn in from the lowest point of the tank or storage sewer. Treatment is based on a controlled current in the tank, generated by a combination of water jet and integrated air stream. The system's design allows operation even at low water levels.



When used in storage sewers, the Amajet with an integrated throttle valve operate according to the individual system requirements. Designed specifically for storage sewers, the patented throttle valve generates a pulsating surge wave with a high level of cleaning efficiency.



Submersible motor jet pump

Injector set

External control unit

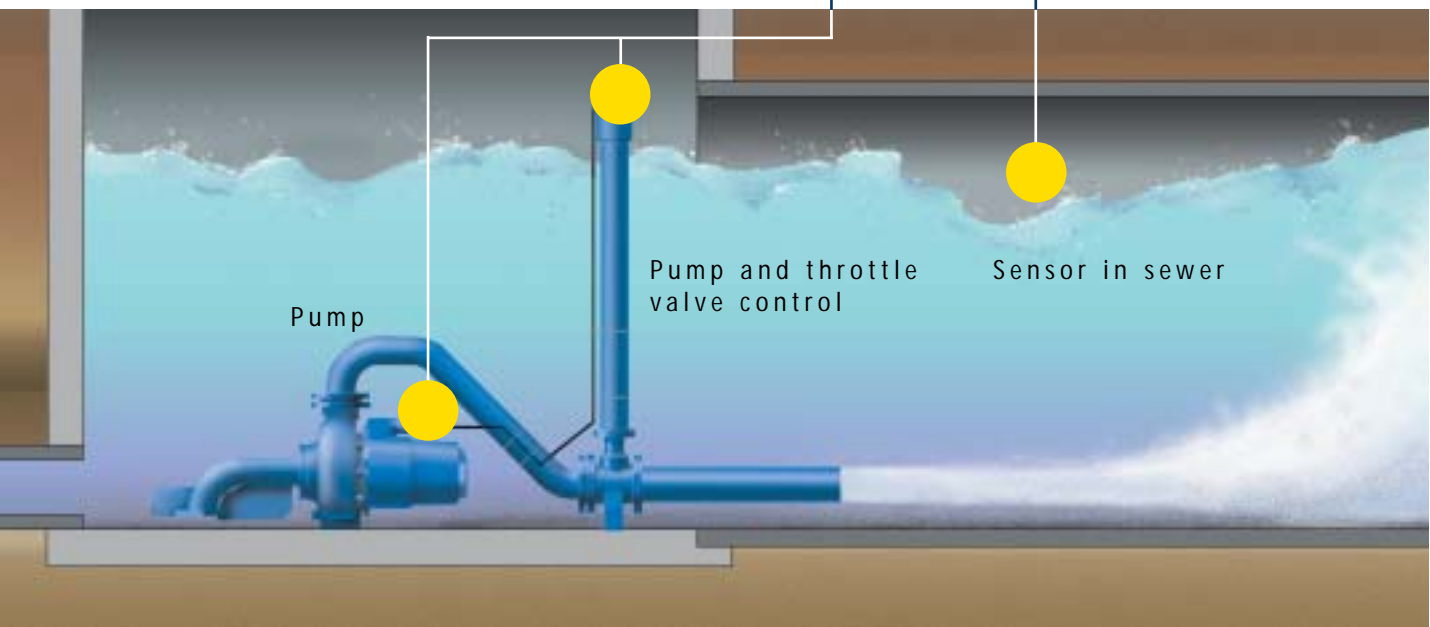
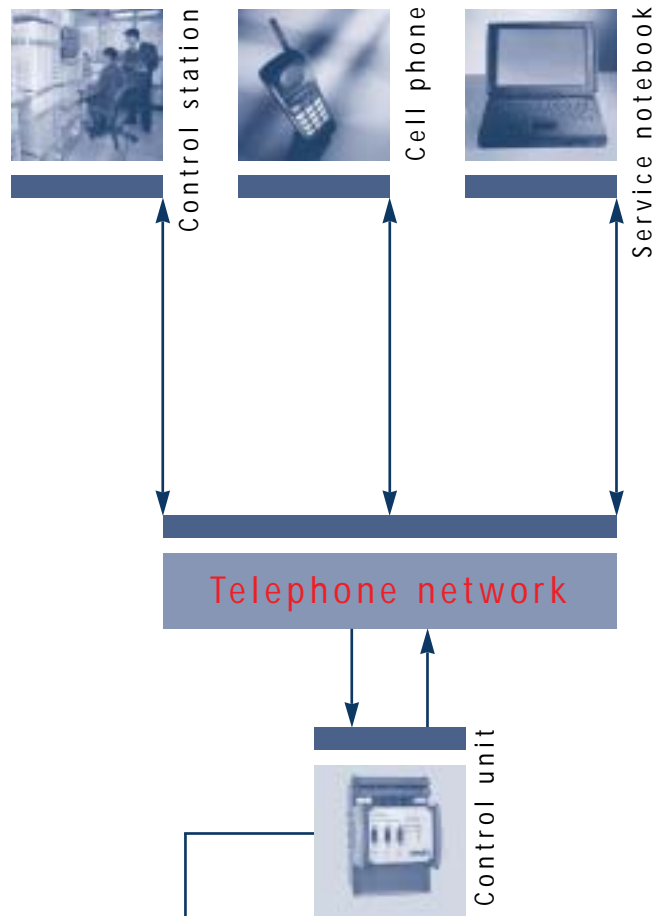


Amajet

Storage

Everything under control

The plant will only operate at its optimum potential if it is connected to an efficient and reliable control unit. KSB Fluid Systems provides a customised control unit that monitors, records and controls the storm water occurrence as well as providing the input for reliable cleaning.



Fluid communication for streamlined pump operation

KSB provides perfectly matched components for sophisticated control tasks:

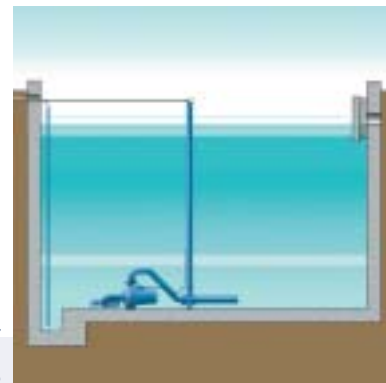
Fluid Control

This central control unit features a high computing capacity for automatic control of the pumps connected to it. Memory units of up to 9 MB are used for archiving measurement and system data. Various interfaces are provided for programming and data exchange.

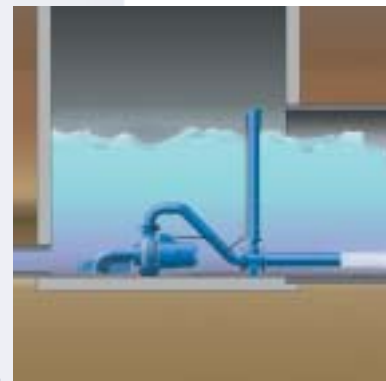
Fluid Whisper

This interface between the control equipment and the data transmission network ensures effective remote control of the pump systems run by Fluid Control. Commands from the control room are transmitted reliably to the control unit.

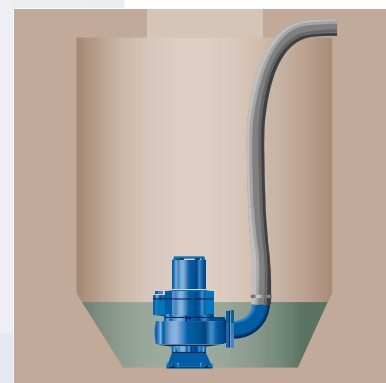
Amajet / Fluid Control operating system schematic



Storm water tanks



Storage sewers

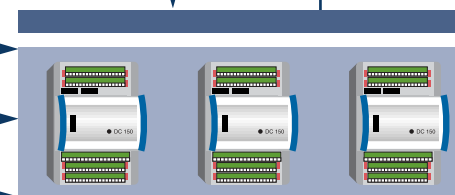


Pump stations

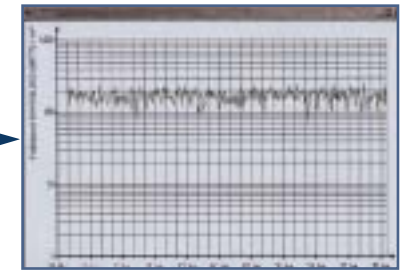
Control room



Telephone network



Fluid Control



Fluid Graph

This system module handles the graphic parameterisation of Fluid Control. An object library is integrated for standard functions, e.g. Amajet, discharge pumps, storm occurrence registration, etc. Advantages include both short engineering times and product safety for the system set-up.

Fluid Report

This universal documentation tool generates sewage treatment plant and storm water occurrence reports, and incorporates a high level of process visualisation.

Fluid View

This user interface ensures user-friendly operation thanks to its integrated object library, graphic interface, and capacity to integrate external systems.

Worldwide, KSB provides...

Non-stop service

KSB service is guaranteed around the world and around the clock. KSB sets new standards with its installation, inspection, servicing, maintenance and repair services.



Consulting on site

KSB is a global player. Our network of production facilities, sales offices and commercial agencies helps us provide quick assistance – wherever you need it.



Expertise and experience

KSB has been producing pumps for more than 130 years. This pump engineering tradition represents an extensive fund of experience, combined with cutting-edge expertise.



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