

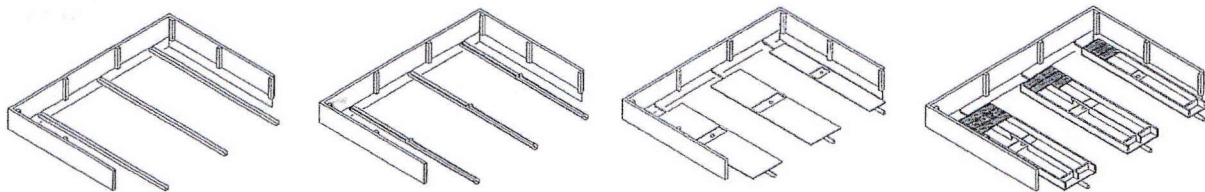
Fog Agroteknik A/S

Fog Agroteknik A/S is a Danish company founded in 1979 specialized in designing and manufacturing the original straight flush slurry systems for modern pig farms.

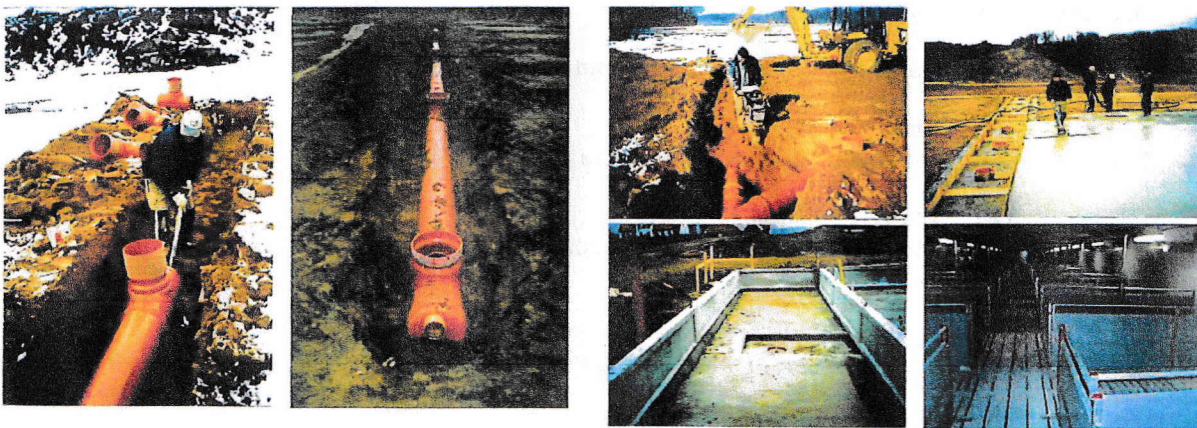
Since 1979 Fog Agroteknik A/S has developed and designed the original "Straight Flush" Slurry-system to provide a fast and easy emptying of pig slurry modern pig farms. This has turned Fog Agroteknik into one of the leading companies in this field, with export to more than 35 countries in the world.

Today we have sales offices in Denmark, Poland, Russia and China.

The "straight flush" Slurry-system system:



The slurry system is easily installed beneath the slurry canals. For each canal a drain is installed, which is closed by a stopper (plug). By pulling the stopper every 2-3 weeks a natural vacuum is created, which makes the slurry run out into the reception pit. When being installed correctly, the straight flush system is simple to use.



The offered system is:

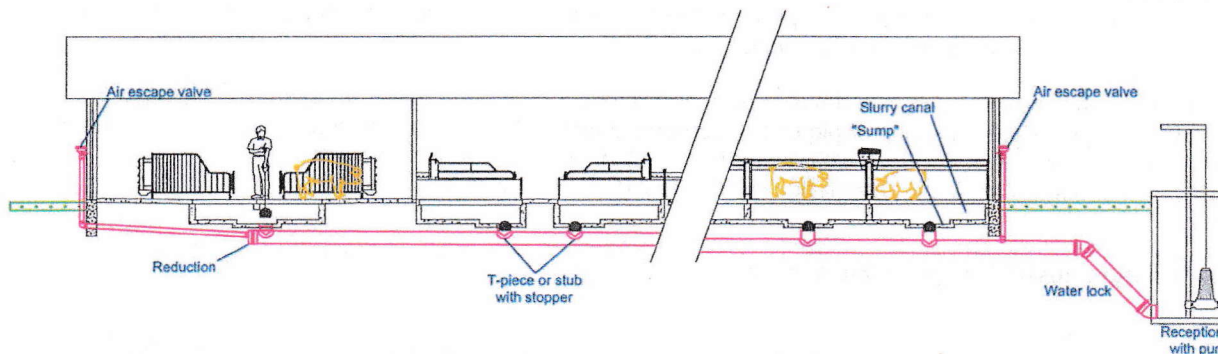
Gluing Stubs (which has to be glued on the pipe) and stoppers. Both items are specially designed to give an optimal tightness, which is very important for a slurry system. If the thin slurry runs out of the canals, the system will not work.

Fog Agroteknik recommendations:

- The System has to have fall 5 ‰ = 5 mm / m
- Air escape valves are placed in both ends of the system
- Slurry canals only with a depth between 40 and 60 cm
- A sump is constructed in the canal bottom round each drain
- At reception pit a water lock is installed.



Gluing Stubs and stoppers



"Straight Flush" benefits:

- Fog Slurry System can be designed to fit different farms layout with different topographic conditions.
- Economic investment and low running costs
 - + 40-60 cm deep slurry canals can save a lot construction costs compared with 1-2 meter deep slurry canals.
 - + If installed right correctly, the slurry system almost can operate without maintenance with very low maintenance and very long lifetime.
- Works without use of water (if the system is planned and design by us)
- No leakage to subsoil water.
 - + The system is a closed system which will not pollute the underground water.
- Prefect in combination with ventilation systems.
 - + The system has no open canals, so you have perfect conditions for the ventilation system.

Operating the system:

We recommend that the "straight flush"-system is operated every 2-3 weeks.

It is an advantage according to the level of ammonia to operate the system more often, but it requires a certain amount of slurry in the canals.

Old slurry develops more hydrogen sulphide and ammonia.

There for it is a good idea to make the flushing a part of the routine work.

The system is operated by pulling the stopper with a steelhook.

- Only open one stopper at the time (this gives the best flow)
- Never try to put in the stopper while emptying. (the power of the stream is very high)
- Empty the canal totally each time.
- Always put back the stopper after flushing.

Kind regards

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