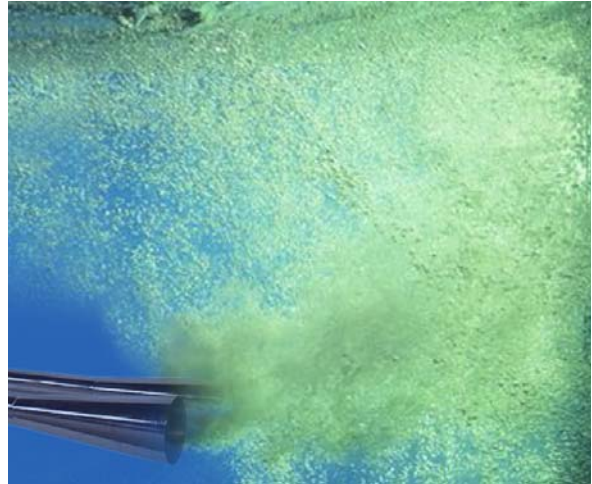


## AirJet

**Systems to aerate and mix difficult mediums when treating sewage, sludge, stormwater, industrial effluents and agricultural waste**

The combination of a highly efficient venturi ejector and a chopper pump creates unique benefits in connection with aeration and mixing of difficult mediums with coarse dry matter parts: The Landia chopper pumps prevent blocking of pump and ejector, comminute dry matter parts and provide optimum oxygen transfer.



- Available in 3 types: External installation outside the tank, vertical or horizontal submersible installation, floating installation suspended on pontoons
- Efficient low-investment aeration – uniform oxygen transfer capacity throughout the system's lifetime
- Vigorous mixing capabilities improving oxygen transfer and preventing sedimentation
- Self-aspirating; efficient oxygen transfer until 6 m liquid depth, no need for compressed air supply
- Easy to install, even in flooded tanks
- Non-clogging system capable of handling liquids with high dry matter content or coarse, unscreened dry matter particles
- Low noise level compared to other systems
- Low maintenance costs, only the pump has to be serviced

**Quality in every detail**

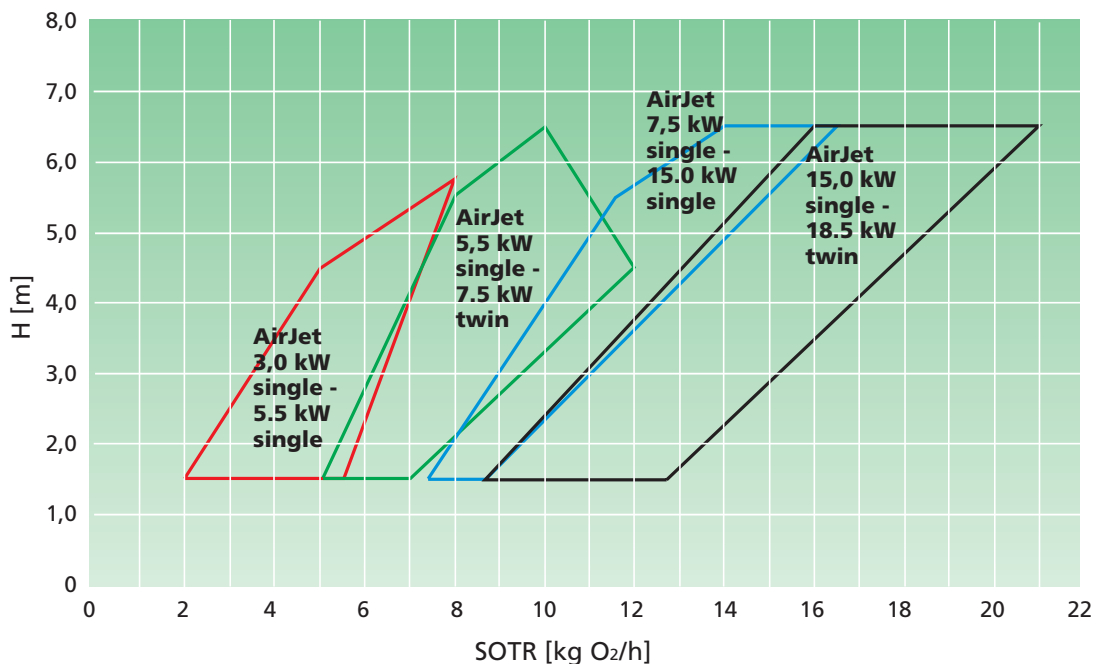
# AirJet

## Performance and data:

AirJet Model	Tank depth H Min. - Max. m	Motor power P <sub>NOM</sub> kW	Pump type DG-I / MPTK-I	Air quantity q Nm <sup>3</sup> /h	Oxygen transfer rates SOTR kg O <sub>2</sub> /h
AJ 030 1	1.5 - 3.5	3.0	80	105 - 70	2.0 - 4.0
AJ 040 1	1.5 - 4.5	4.0	80	135 - 85	3.0 - 5.0
AJ 055 1	1.5 - 5.5	5.5	80	170 - 100	5.1 - 8.0
AJ 075 1	1.5 - 6.5	7.5	105	200 - 115	5.7 - 10.0
AJ 110 1	1.5 - 6.5	11.0	105	225 - 150	7.4 - 13.0
AJ 150 1	1.5 - 6.5	15.0	105	290 - 200	8.7 - 16.0
AJ 185 1	1.5 - 6.5	18.5	105	325 - 230	9.9 - 19.0
AJ 075 2	1.5 - 4.5	7.5	105	275 - 130	7.0 - 12.0
AJ 110 2	1.5 - 6.5	11.0	105	350 - 205	7.9 - 14.0
AJ 150 2	1.5 - 6.5	15.0	105	415 - 255	9.6 - 17.0
AJ 185 2	1.5 - 6.5	18.5	105	460 - 300	12.7 - 21.0

### Performance data for AirJet based on standard conditions in water:

Air and medium temperature 20°C, barometric reading 760 mm Hg.



## Materials:

Pump casing, motor casing and impeller: Cast iron A48-40B, option acidproof steel AISI 316.  
Venturi ejector: Stainless steel AISI 304, option AISI 316.

We reserve the right to make technical alterations.

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