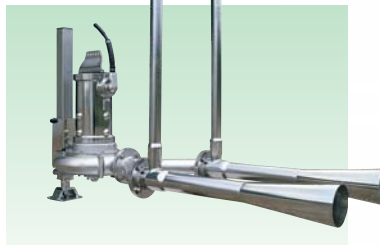
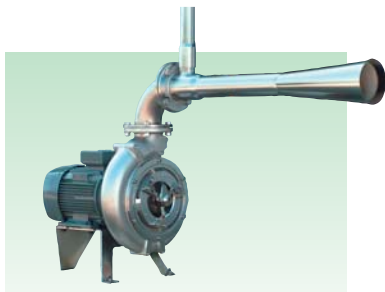
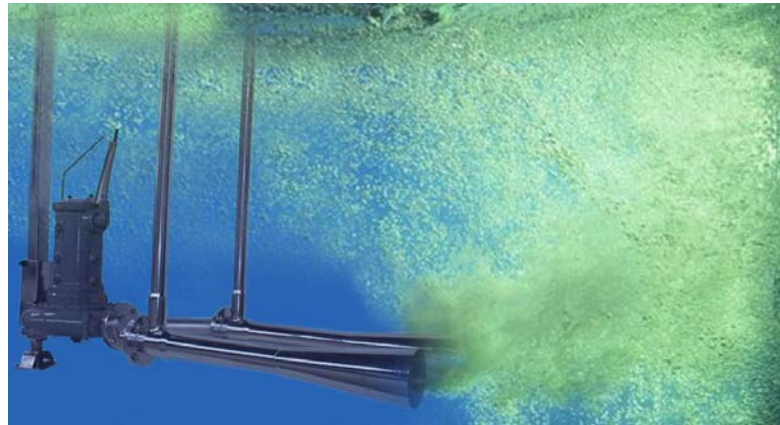


AirJet

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

The combination of a highly efficient venturi ejector with 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 three configurations: External installation outside the tank, vertical or horizontal submersible installation, and 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 up to a liquid depth of 21 ft.
- 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 level of noise, when compared to other systems
- Low maintenance cost, only the pump requires service

Quality in every detail

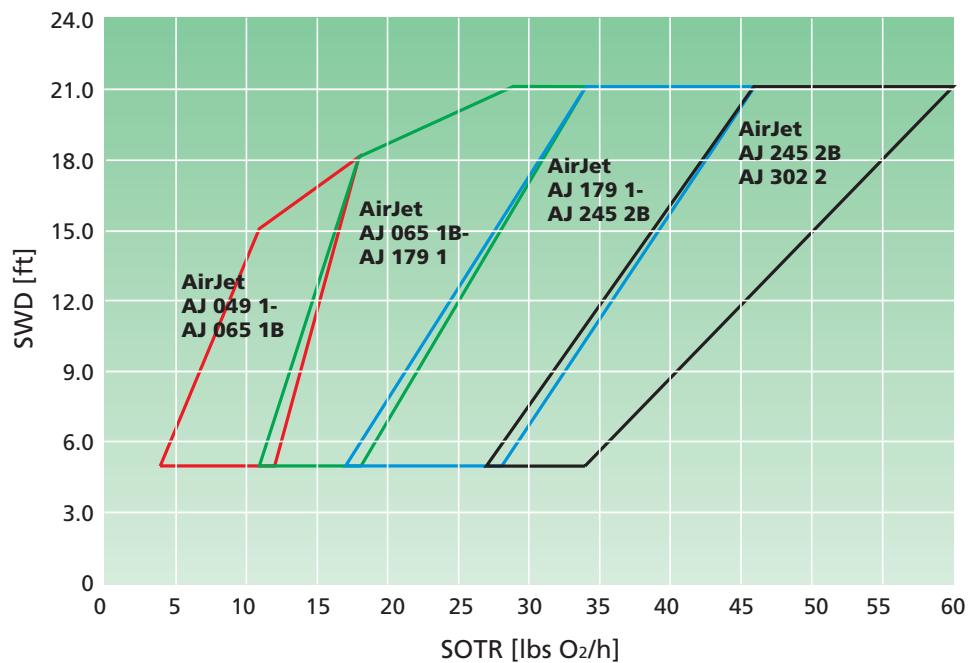
AirJet

Performance and data:

AirJet Model	Side water depth SWD Min. - Max. ft.	Power rating P _{NOM} hp	Pump model DG-I / MPTK-I	Air flow q SCFM	Standard Oxygen Transfer Rate - SOTR lbs O ₂ /h
AJ 049 1	5 - 11	4.9	80	62 - 41	4 - 9
AJ 065 1A	5 - 15	6.5	80	80 - 41	7 - 11
AJ 065 1 B	5 - 18	6.5	80	100 - 60	11 - 18
AJ 122 1A	5 - 21	12.2	105	118 - 73	14 - 24
AJ 122 1 B	5 - 21	12.2	105	133 - 89	16 - 29
AJ 122 2	5 - 18	12.2	105	156 - 74	14 - 29
AJ 179 1	5 - 21	17.9	105	171 - 119	18 - 34
AJ 179 2	5 - 21	17.9	105	245 - 151	21 - 37
AJ 245 1	5 - 21	24.5	105	192 - 135	22 - 42
AJ 245 2A	5 - 21	24.5	105	230 - 136	23 - 41
AJ 245 2 B	5 - 21	24.5	105	254 - 156	28 - 46
AJ 302 1	5 - 21	30.2	105	233 - 164	30 - 53
AJ 302 2	5 - 21	30.2	105	265 - 178	34 - 60

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, optional stainless steel AISI 316.
Venturi ejector: Stainless steel AISI 304, optional AISI 316.

We reserve the right to make technical alterations.

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