



LIFT STATION AGITATORS

HydraForce Lift Station Agitators break up layers of F.O.G. (fat, oil, and grease), reduce odor, and prevent corrosion and blockages.

These mixing systems include a mounted compressor that forces air through tubing lines to a suspended dual-loop diffuser. This diffuser continuously releases air bubbles that rise to the surface, mixing large volumes of water to solve common wastewater issues.

A Force in Wastewater.



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BEFORE & AFTER



THE CHALLENGE

Fats, oils, and greases (F.O.G) from problematic waste streams (restaurants, food processing plants, breweries, etc.) can accumulate in lift stations causing blockage caps and corrosive buildup. This formation of F.O.G can be detrimental to equipment as it can clog the flow of water, create foul odors, and increase maintenance requirements.

THE SOLUTION

Moving and agitating F.O.G is an effective way to reduce and eliminate blockage issues. The HydraForce Lift Station Agitator is easy to install and operate, saves costly pumping and maintenance, and extends the life cycle of pumps and other equipment. This mixing system:

- Reduces clogs by breaking up F.O.G. layers
- Keeps solids suspended
- Allows continuous flow to treatment plant
- Reduces odor and harmful gases
- Reduces downtime and maintenance



LIFT STATION PACKAGES

MODEL	# OF DIFFUSERS	VOLT	PHASE	COMPRESSOR	AMPS	TUBING
LS-100	1	120V	1	1/4HP	2.5	(1) 3/8 in. x 50 ft.
LS-150	1			1/2HP	3.5	(1) 3/8 in. x 50 ft.
LS-200	2			1/2HP	3.5	(2) 3/8 in. x 50 ft.
LS-300	3			1/2HP	3.5	(3) 3/8 in. x 50 ft.
LS-100-NC	1			1/4HP	2.5	(1) 3/8 in. x 50 ft.
LS-150-NC	1			1/2HP	3.5	(1) 3/8 in. x 50 ft.
LS-200-NC	2			1/2HP	3.5	(2) 3/8 in. x 50 ft.
LS-300-NC	3			1/2HP	3.5	(3) 3/8 in. x 50 ft.

Product Notes:

1. Systems include diffuser(s), compressor, compressor mounting option, intake filter, and air tubing.



CONTACT KASCO

Learn more about these systems and the difference they can make in your water treatment process.

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