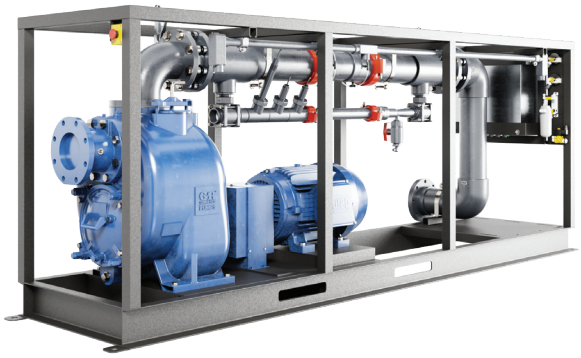
MOLEAER®
ADVANCING NANOBUBBLE TECHNOLOGY

TITAN NANOBUBBLE GENERATOR SERIES

Customizable High-flow, Modular Nanobubble Generator Solutions 500 GPM (113 m^3/hr) and Up



With our Titan product series, Moleaer offers fully customizable solution for large-scale industrial and municipal applications to deliver the power of nanobubbles no matter your current system configuration.

Centered around Moleaer's high-flow nanobubble generators ranging from 500 to 5000 GPM (110-1000 m^3/hr), our customers can now truly customize and take advantage of industry-leading technology to work in a variety of configurations that suit their needs.

Our modular nanobubble generators, pumps and gas sources give you the flexibility to choose what works best in your facility. Already have plant air? Need oxygen gas with nanobubble generation? Want it containerized or mobile? Whatever your needs, our experienced technical staff can help you pick the best option for your setup.

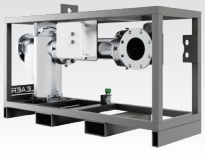
Industries

- Surface Water
- Wastewater Treatment
- Oil & Gas
- Agriculture
- Mining

Features

- Modular and scalable
- Standalone or skid mounted
- PLC controlled with manual and automatic modes
- Limited retrofitting needed
- Simple installation and maintenance
- Remote monitoring capability
- Optional Nanobubble-as-a-Service (NaaS) support

TITAN Configurations



Skid-Mounted Titan

Skid-Mounted Titan + Pump

Skid-Mounted Titan + Pump + Gas Skid

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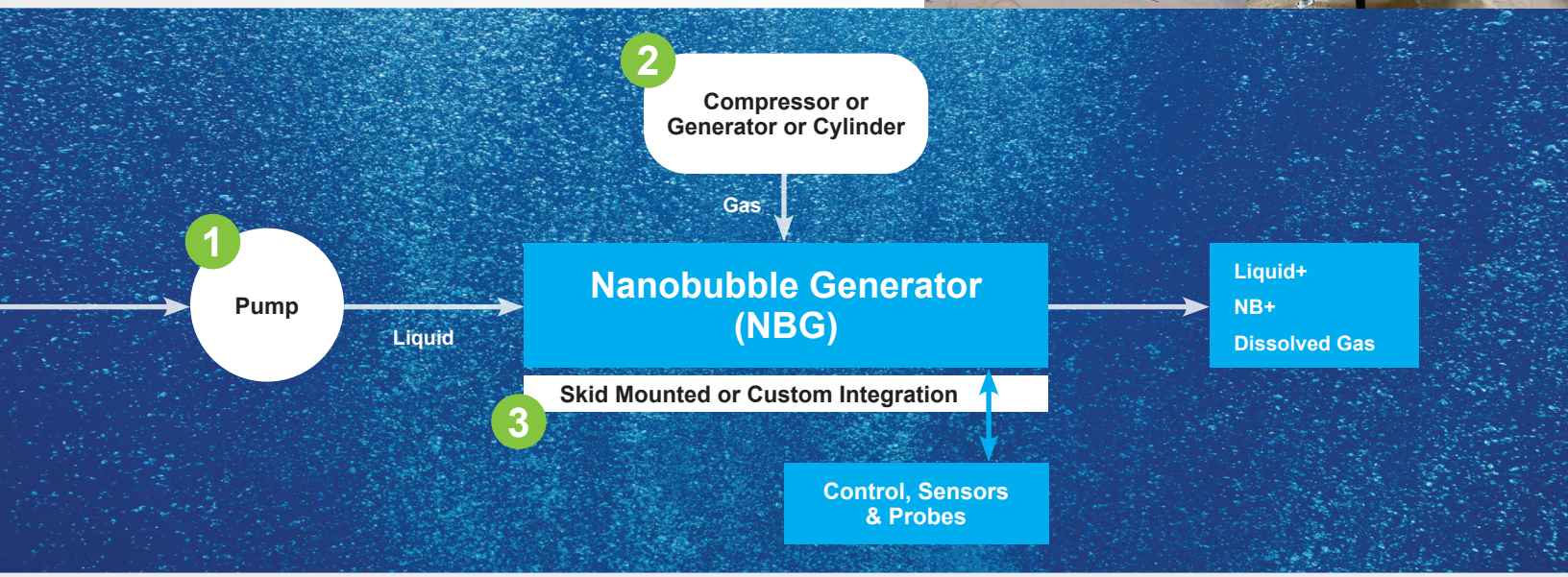
Defining your needs

We offer all nanobubble generators and gas sources separately or mounted on skids. Answer the following questions and review the diagram to help you decide which components you need:

1. Do you need a pump with your nanobubble generator?
2. Do you need a gas source or does your facility have air or gas?
3. Do you want your unit skid mounted or will you need custom integration into your facility?
4. How much liquid flow capacity do you need?



Nanobubble Generator Options:

MODELS	NBG 3	NBG 4	NBG 6	NBG 8
Liquid Flow Rates, GPM (m^3/hr)	300 - 550 (68 - 125)	600 - 1100 (135 - 250)	1300 - 2600 (295 - 590)	2600 - 4700 (590 - 1065)
Maximum Liquid Temperature, ºF (ºC)	175 ºF (80 ºC)			
Max Operating Liquid Pressure, psi (bar)	100 (7)			
Pipe Material	304 L SS			
Pump Motor Power, HP* (kW)	10 - 15 (7.5 - 11.2)	20 - 30 (15 - 22.4)	30 - 40 (22.4 - 30)	100 - 125 (75 - 93.2)

*Indicative sizing. Dependent of site location and conditions

Gas Source:**

AIR	NBG 3	NBG 4	NBG 6	NBG 8
Recommended Flow at 60 PSIG (4 barg), SCFH (SLPM)*	150 (75)	300 (140)	550 (260)	825 (390)
Anticipated Compressor Power, HP (kW)	0.5 (0.4)	1.0 (0.7)	1.5 (1.1)	2.0 (1.5)
OXYGEN	**NBG 3**	**NBG 4**	**NBG 6**	**NBG 8**
Applied Oxygen, kg / hr	4.6	10.1	18.6	27.9
Anticipated Compressor Power, HP (kW)	15 (11.2)	20 (15)	30 (22.4)	40 (30)

** Under Standard Conditions of 36% relative humidity (RH), 68°F (20°C), and 14.7 psia (1.013 bar)

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