



Petit Accutrac 360 Install Guide

Car Wash Location: El Jebel Car Wash, El Jebel, Colorado

Car Wash Type: Petit Accutrac 360

Nanobubble Generators (Domestic Water):

- 2 x CRS285 on each line to the equipment
- 1 x CRS190 on the chemical board
- 1 x CRS887 on the feed line to the booster pump feeding the RO

Nanobubble Generator (SoBrite Reclaim System):

- 1 x CRS538 on the reclaim line with gas injection

The Stacked Generator Installation Strategy

In the installation featured in this case study, four Shaft Nanobubble Generators were placed at key stages of the Petit Accutrac 360's wash cycle:

1. Equipment/Arch Feedlines (2 x CRS285)

- Infuses the water feeding the chemistry with trillions of nanobubbles, enhancing the chemical dispersion and effectiveness, helping break bonds between dirt and vehicle surfaces.
- One nanobubble generator is installed on each equipment line.

2. Chemical Board (CRS190)

- Conditions the water, allowing jets to clean more effectively.
- Delivers quicker removal of bugs, bird droppings, and greasy road film.
- Results in brighter wheels, cleaner rocker panels, and improved coverage in hard-to-reach areas.

3. Final Spot-Free Rinse (CRS887 on the Booster Pump/RO Feed Line)

- Prevents and protects RO membranes from biofilm and scale accumulation.
- Reduced water surface tension resulting in better "water break" so water sheets off car
- Leaves customers driving away with drier, shinier cars—without the need for additional chemical dryers.

4. SoBrite Reclaim Line (CRS538 on reclaim line with mazzei air injection)

- The Shaft nanobubble generator works synergistically with the UV generator used by SoBrite reclaim systems turbocharging the Sobrite system's effectiveness.
- Air injection improves dissolved oxygen levels, increases ORP, and enhances nanobubble generation

Benefits for Operators

Installing Shaft Nanobubble Generators transforms wash quality in ways your customers will notice immediately:

- **Higher Wash Quality** → improved ticket averages and repeat business.
- **Reduced Chemical Use** → lower operating costs without sacrificing performance.
- **Better Drying Performance** → less water spots, happier customers, more five-star reviews.
- **Long-Term Equipment Protection** → scale prevention reduces maintenance and downtime.
- **Improved Reclaim System Efficiency** → more efficient reclaim systems reduce water needs and reduce costs

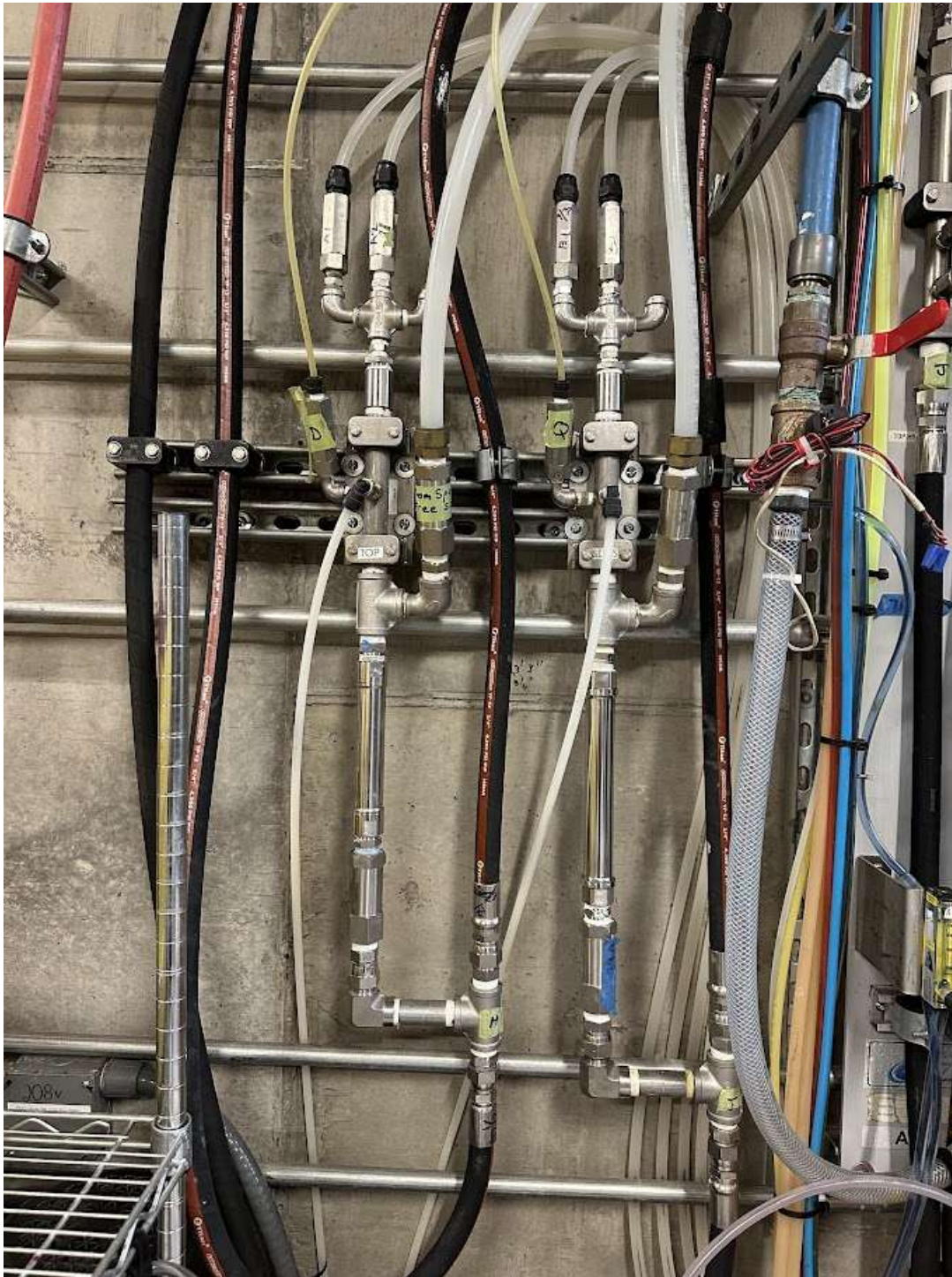
A Smarter Path to Premium Wash Results

For operators of in-bay automatics like the Petit Accutrac 360, differentiation is everything. With competition increasing, the ability to consistently deliver a visibly better clean is what keeps customers loyal.

The Shaft Nanobubble Generator isn't just an upgrade—it's a competitive edge. By installing nanobubble generators at the right points in your wash process, you transform everyday water into a powerful cleaning and drying tool.

Install Pictures

CRS285/NAN39 on Equipment/Arch Lines:



CRS190/NAN15 on Chemical Board:



CRS887/NAN1020 on Feedline to Pressure Pump Feeding RO Generator:



CRS538/NAN614 on SoBrite System Reclaim Line with Gas Injection:

