



More Than Washing
Automation Experts

NIAGARA SERIES 300

CAROUSEL STYLE WASH SYSTEMS



The Niagara Process

1. Analyze
2. Collaborate
3. Conceptualize
4. Define Requirements
5. Engineer the Solution
6. Review Design
7. Receive Approval
8. Manufacture Equipment
9. Internal Testing
10. Factory Acceptance Testing
11. Delivery
12. Installation
13. Site Acceptance Testing
14. Training



Key Features

High to medium volume production

Same load & unload location

Ease of robot integration

Process control

Ideal for precise chemical processes

Indexing drive

Adjustable dwell time

Handles various parts

304 or 316 stainless-steel construction

Heated tanks – electric, steam, or gas powered

Recirculated Tanks

Minimize water consumption

Well insulated tanks – minimizing energy consumption

High pressure spray

100% spray coverage on interior and exterior

Automatic chemical dosing

Automatic or manual load and unload

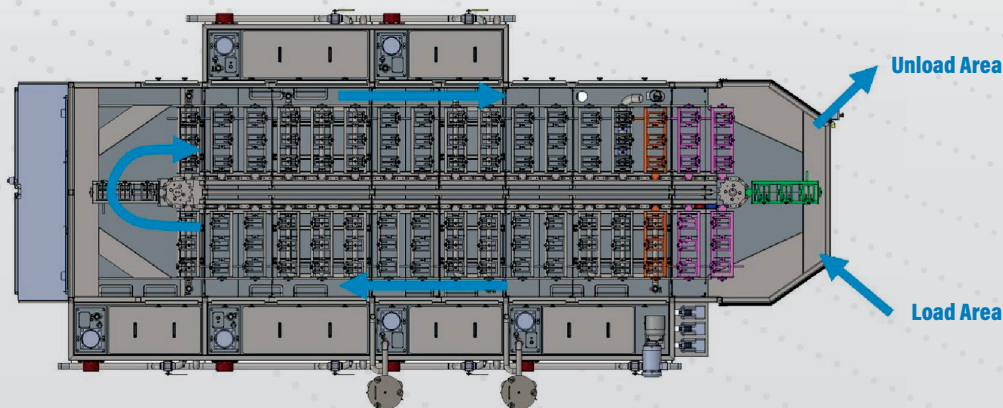
Machine riser available to align with existing conveyance

Zero-downtime filtration

Flexible controls

Custom fixturing

Quick change over fixturing





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NIAGARA SYSTEMS

MORE THAN WASHING - AUTOMATION EXPERTS

Since 1934, Niagara Systems has been designing and manufacturing industrial washing systems, as well as custom automation equipment.

Our ability to solve problems has opened the doors beyond washers. When there is a challenge, our team of engineers and skilled tradesmen collaborate with our customers to develop and produce the very best solution. Niagara Systems' machinery is proudly made in the US and is delivered with the highest quality. Our wash systems are installed globally in over 30 countries.

The Niagara Value:

Customized for your needs

Design, Manufacturing & Controls all done under one roof

Installation and maintenance services

Efficient use of utilities

Consistent results

Minimal maintenance

Machine Life Expectancy > 15+ years

Designed to grow with production as needed

Minimal operator involvement

Proven Processes

Collaborative Design

Machine Effectiveness and ROI are paramount

WHY AUTOMATE YOUR WASHING PROCESS?

REDUCE OR REALLOCATE VALUABLE LABOR RESOURCES

Manual process is labor intensive

Labor position to complete process
is hard to keep filled

- Strenuous work
- Undesirable work environment

Personnel can be made available
for more valuable & revenue
driving operations

INCREASE PRODUCTION

Eliminate wash bottle neck

Integrate with existing material
handling or automation to
increase efficiency

AUTOMATE PROCESS REQUIREMENTS

Improve wash quality

Maintain chemistry

Consistent & repeatable results

Regulation compliance

RETURN ON INVESTMENT

Labor reduction

Increase utility efficiency

Increase productivity
& improvements

Provides competitive edge

Cuts operating costs

**Learn more
about Niagara
Systems!**

