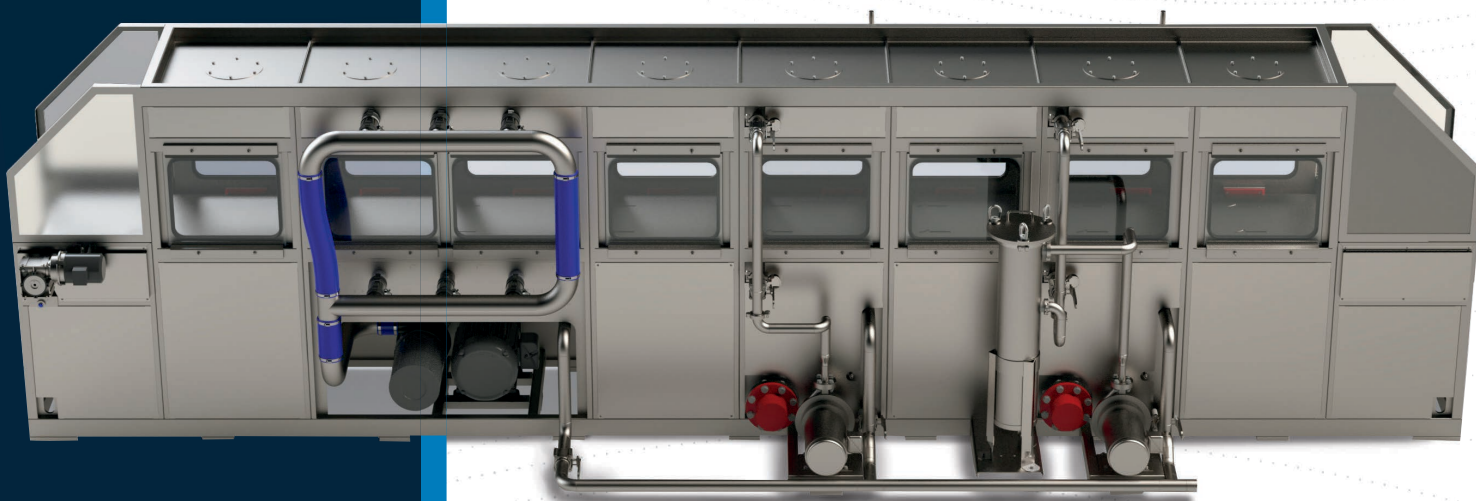




More Than Washing  
Automation Experts

# NIAGARA SERIES 200

## MODEL MT23



### Machine Modules

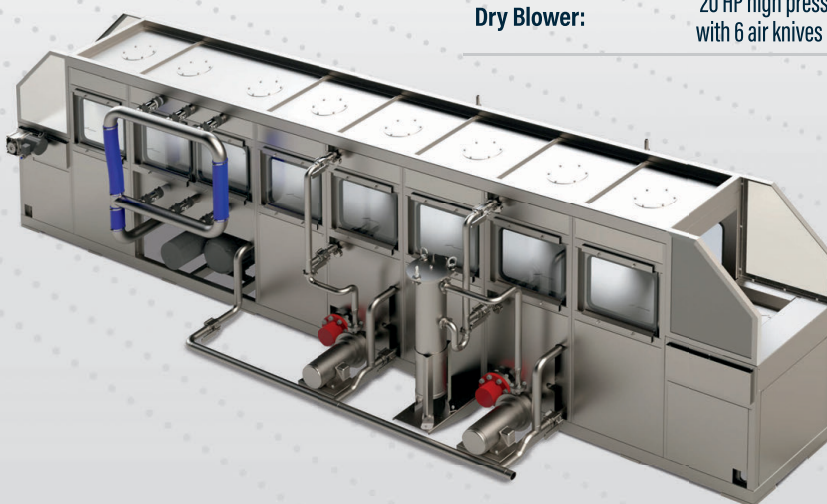
1. 4ft Load with Buffer
2. 2ft Wash with Elec Heat, Single Bag Filter, and XI Pump
3. 2ft Buffer
4. 2ft Rinse with Elec Heat and XI Pump
5. 2ft Buffer
6. 5ft Dry Module with High Pressure Air Knife System
7. 4ft Unload with Buffer

| Pumps         | Heaters | Drive                      | Blower                              | Safety  | Other Items   |
|---------------|---------|----------------------------|-------------------------------------|---------|---|
| 2x 5hp on VFD | 2x 45kw | 1x 1/2hp Gear Motor On VFD | 1x 20hp High Pressure Blower On VFD | E-Stops | 2x Water Fill Valves (24vdc Asco)<br>2x Level Sensor (IFM L2050)<br>2x Temp Indicator (IFM) |

### Machine Specs

|                |                     |
|----------------|---------------------|
| Length         | 23 ft               |
| Width          | 7 ft                |
| Height         | 7 ft                |
| Tunnel Opening | 24" high x 23" wide |
| Belt Height    | 40"                 |
| Wash Pump      | 85 GPM at 50 PSI    |

|                       |  |
|-----------------------|--|
| Rinse Pump            | 85 GPM at 50 PSI                                       |
| Max Belt Speed        | 35 FPM   |
| Max Belt Load         | 50lbs / linear ft of belt (1x standard flat wire belt) |
| Max Wash Temperature  | 165F   |
| Max Rinse Temperature | 165F   |
| Dry Blower:           | 20 HP high pressure blower with 6 air knives           |





*More Than Washing*  
Automation Experts



# 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!**

