

Shell Washer / Dryers



Performance Shell Washing

High output, premium performance, and energy efficient. This is the industry standard for shell washing, drying and trash removal.

Main Benefits

- ▶ Debris removal and elimination of bacterial growth
- ▶ No-tool simple, quick changeover for different shell sizes
- ▶ Easy access to internal components
- ▶ Automatic water makeup and level detection
- ▶ Water filtration to get the most out of the water use



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Process

Designed to thoroughly process shells prior to delivery to the packaging area.

- ▶ Delivery of shells by stainless steel flighted drag chain
- ▶ Large diameter rails for shell positioning prior to and through the washer and dryer
- ▶ High pressure heated water spray from a steam heat exchanger
- ▶ Detergent injection into the wash zone for maximum cleaning and bacteria elimination
- ▶ Fresh water rinse make-up system
- ▶ Exceptional drying with recirculated hot air and moisture elimination

Clean Design Principals

Clean machine design promotes the reduced likelihood of product contamination at the packing stage.

- ▶ Sloped floors, large access panels to facilitate drain and easy cleaning
- ▶ Flushing headers for cleaning to avoid algae or bacterial growth
- ▶ Hygienic 304 stainless steel design and fabrication
- ▶ Rotary drum filtration system for continuous cleaning of recirculation water
- ▶ Water dosing systems for treatment including detergent and rinse agent injection



Associated Optional Equipment

Descon provides complementary equipment to enhance shell presentation to packing area including:

- ▶ Vertical or horizontal dry trash remover systems
- ▶ 3rd party shell denesting systems
- ▶ Upstream and downstream shell conveying systems
- ▶ Acoustical sound abatement packages (less than 85dBA operation)

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