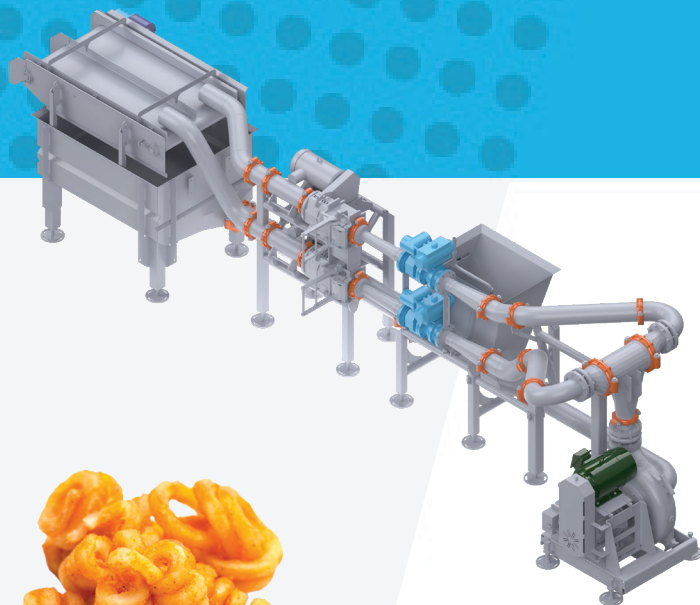
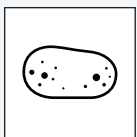


# Helix Hydrocutting System

High Quality Curly Fry Cutting  
at a High Volume



## Common Food Applications



Potatoes

Vanmark's hydrocutting machines cut food products using water powered by a pump loop to accelerate it through a fixed array of stainless-steel cutting blades. Now we're adding curly fry spirals to the mix! The Helix Hydrocutting System is a high-volume cutting system that's highly configurable to your throughput and footprint. Its ease of maintenance with toolless blade changeouts and annual rebuild service by Vanmark technicians is a vast improvement over high-maintenance mechanical cutters.

This industrial curly fry cutting equipment allows processors to enter a high-value product market.

- High volume throughput – 5,000 lbs/hr (2268 kg) per cutter
- Up to 92% sellable product
- Range of system configurations, from 2-12+ cutters stacked for a moderate footprint and mounted to a cutting deck or floor
- Complete system includes a pump, Distributor, cutters, and dewatering conveyor
- Maintenance friendly with patent-pending toolless blade changeouts and an annual rebuild service

# Helix Hydrocutting System

## Specifications

304 or 316 stainless steel construction

Product Size

Diameter: up to 4" (102mm) bore

Two to 12 or more cutters

Pump Size\*

6, 8, or 10" pump assembly

\*Dependent on product size

Water Capacity: 82 gallons (310 L)

Electrical: 230-460 VAC, 3 Phase  
(other voltages available)

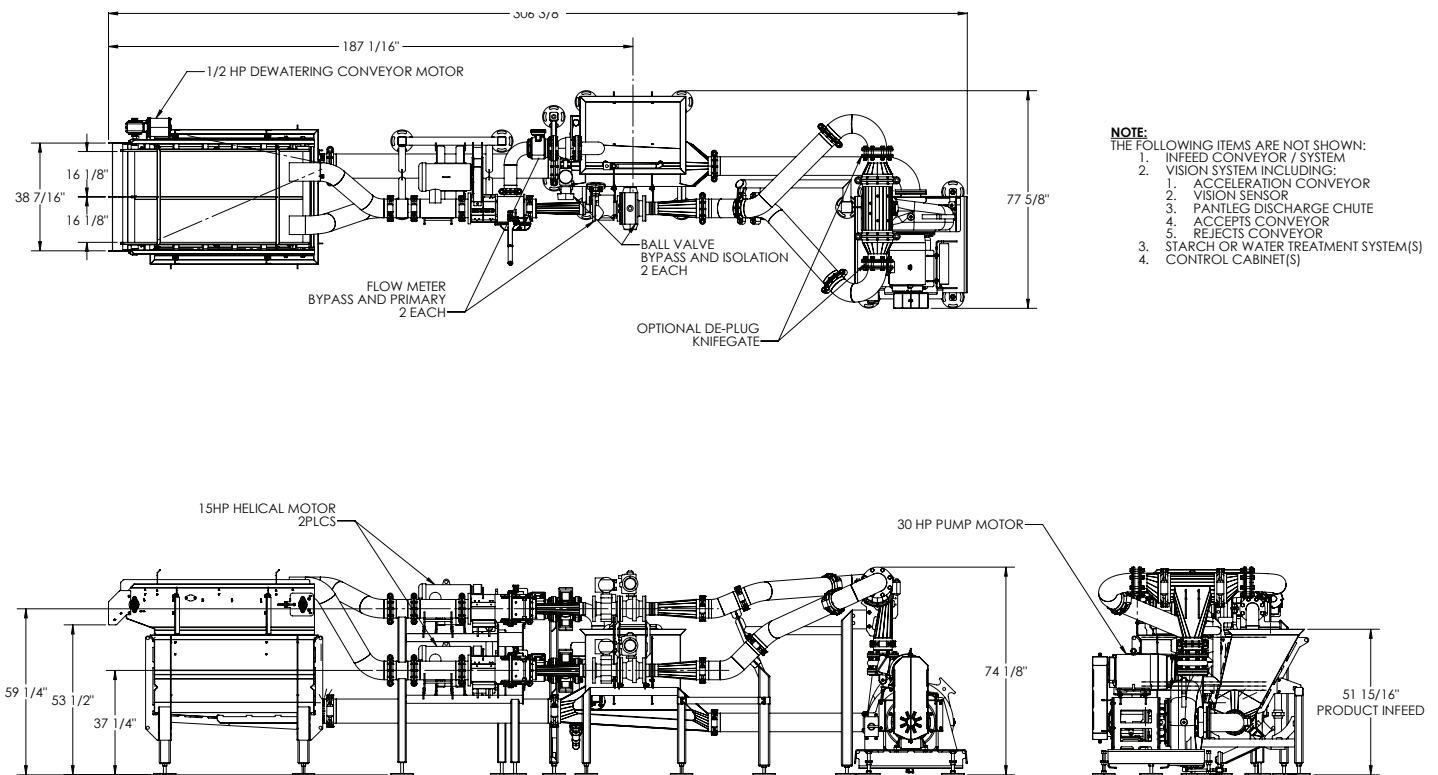
Motor: 1-5 HP

## Features

- Stainless steel hydrotubes
- Endress Hauser 55S Flow Meters hold consistent cut speeds
- Integrated decelerator and dewatering conveyor
- Integrated central control system
- Vision system

## Options

- Additional pump sizes to accommodate larger products
- Patented Distributor that allows dual product flows and switching between flows in case of plug or maintenance



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## Contact Us

Vanmark is proud to provide top quality equipment, exceptional service and peace of mind worldwide for the potato and produce processing industries. Contact us for more information and to custom-fit the Helix Hydrocutting System for your specific application.



To feed our growing world - Together

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