



Vege-Polisher™ V2B

Rinses, washes, scrubs, and brushes vegetables in one unique machine. The Wyma Vege-Polisher™ is “the most effective root vegetable washing system today”.

Potatoes • Carrots • Parsnips • Swedes • Turnips • Beet • Celeriac and more



General Information

Suitable for washing all root vegetables including carrots, potatoes, parsnips, turnips, beet, rutabaga, and celeriac.

The Vege-Polisher™ technology, invented by Wyma, provides its unique cleaning and polishing using a drum formed by a series of rotating brush shafts around the circumference. The individual brush shafts rotate at high-speed providing a gentle scrubbing/brushing action while the overall drum rotates slowly in the opposite direction ensuring mixing of the produce and an even polish as it passes through the machine.

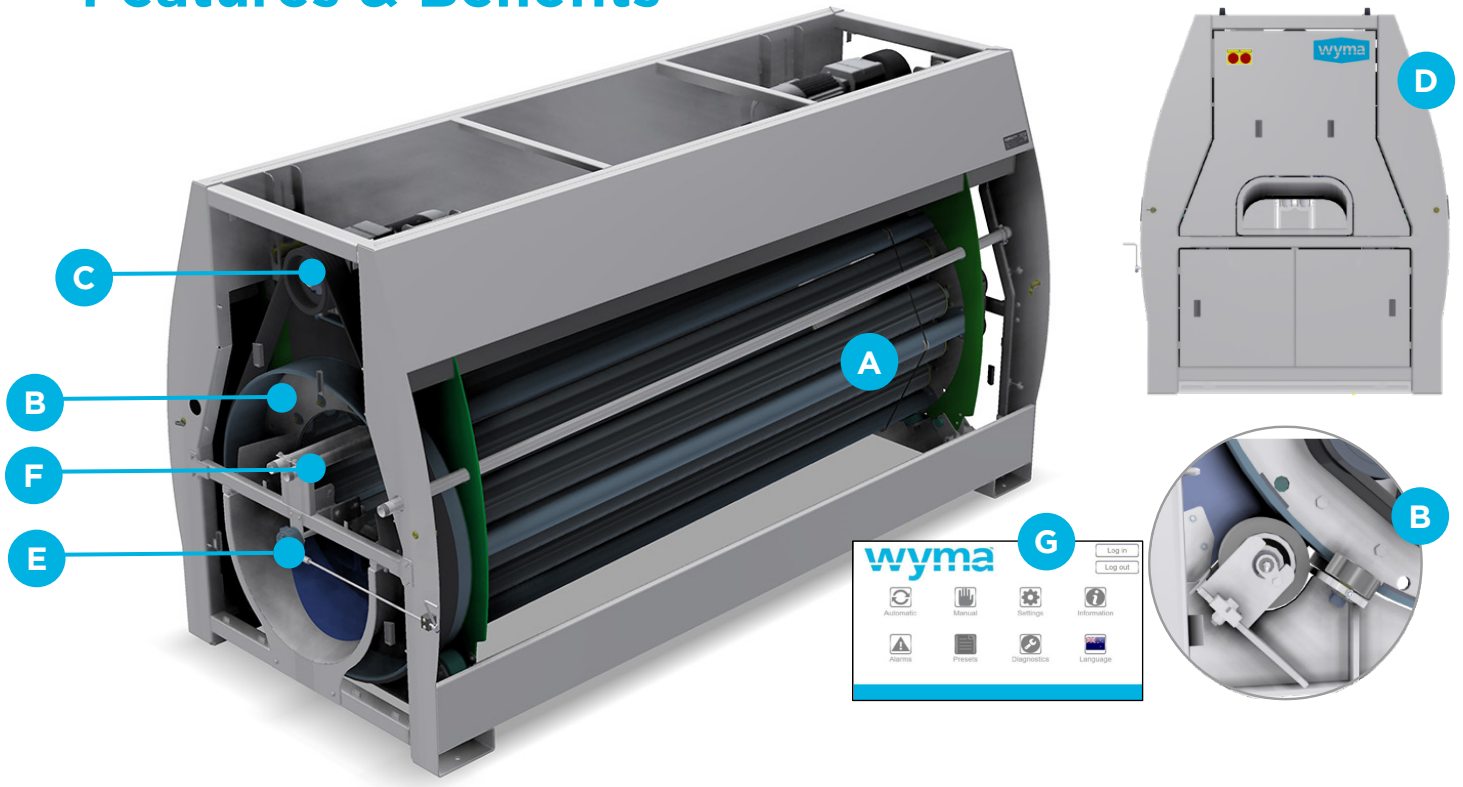
The Vege-Polisher™ is renowned for the appearance lift on produce. For carrots, it removes the dull silvery finish common on non-polished carrots. For potatoes, it can help remove surface rhizoctonia, excessive “netting” and lifts dull potato finish. The outcome is that more premium produce is packed out, and there is “an increased presence” on retailers’ shelves. Wyma’s experience with rotary brush drum technology and brush specification means vegetables are washed and polished to the highest retailing standards.

Recycled water is generally utilised for water conservation. Please see the [Polisher Water Recycling System](#) which is a complimentary product with the polisher.

There are four models ranging in throughput from 5 to 35 metric tons (11,000 to 77,000 lbs) per hour.

Typically produce is fed to the polisher by belt [conveyors](#) but conveying by [flumes](#) is also common where the produce and water can both enter the machine simultaneously.

Features & Benefits



A Brush rollers

Shafts of brushes forming the enclosed washing drum. Ability to configure the bristle in the brush shafts to suit the product and finish required.

B Drum

The drum holds the brush shafts and is supported on specifically designed wheels to take the weight and ensure smooth rolling action.

C Brush and drum drive system

Exclusive Wyma drive system using combinations of V and synchronous belts to provide a robust and positive drive to rollers and drums. A unique bearing arrangement prevents water or dirt ingress into bearings. Suitable for the extreme wet and dirty conditions, the Wyma system has proven to be the most reliable, lowest cost drive of all polisher systems in use today. Both drum and brushes are driven independently with individual speed control to adjust polishing intensity.

D Access doors and panels

Easy access for cleaning and maintenance via sliding doors, and lightweight quick-release panels.

E Outfeed gate

Manual or automated outfeed gate to adjust produce depth and dwell time and washing aggression. The automated gate has additional control functionality such as auto machine empty, and quick product change over.

F Rinsing pipes

Fresh water and recycled water is provided to the machine to ensure the produce is lubricated during washing and debris is washed off the produce.

Features and options

Clean in place.

4 model sizes from 5 to 35 tph (11,000 to 77,000 lbs/hr).

Range of brush types and custom brush designs to suit all applications.

Custom built water recycling system.

Automated water management.

Vibration sensing, and Cloud data monitoring.

Side removable brush shafts.

G Control

Stand alone or integrated in line panel. Touch screen. Variable speed control brush and drum. Automated outfeed gate with auto empty and quick change over menus and automated water control.

Compact strong construction

Durable and robust construction to withstand forces and vibration from heavy rotating machinery.

Safety

Door sensor locks, cleaning mode and maintenance mode, drum retainers to prevent drum turning when changing shafts.