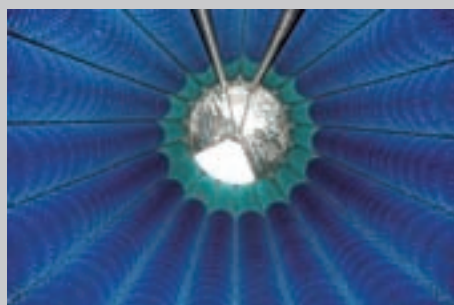


NEW WP Series!

Vege-Polisher™

www.wymaengineering.com

the **NEXT**
GENERATION
in Vegetable
Washing



Key Features / Benefits

- We invented this technology & are the worldwide leaders in this field.
- 3 ALL NEW Vege-Polisher™ models - 2.4m (12 row), 3.0m (14 row) & 3.5m (18 row).
- Highly reliable, patented V & Synchronous belt drive system with proven performance & reliability.
- 100% EXCLUSIVE NEW brush technology – over 20 bristle configurations for washing/polishing & NOW PEELING VEGETABLES!
- NEW sliding & removable side access panels for quick & easy servicing & cleaning.
- Simple removal of brush shafts from the side of the machine*.
- Pulley assemblies, complete with bearings, can now be changed in only a matter of minutes!*
- Integrated Electrics with a new Human Interface Panel – machines are wired, tested & ready for action!
- INCREASED POWER + WYMA'S BRUSH TECHNOLOGY = GREATER CAPACITY!
- Hydraulic or Pneumatic adjustable tilt for fast emptying.
- Custom made water recycling systems.

* WP Series Version 2 models only

Proven Vegetable Washing & Polishing Results



The Vege-Polisher™ can also wash & polish other product such as Turnips, Swedes, Celery and Shellfish.

NEW Vegetable Peeling System!

Reduce Waste - Improve the appearance of peeled product - Reduce Maintenance.

Wyma are now pleased to be able to offer a vegetable peeling system. Our extensive trials have shown that peeling vegetables using Wyma brushes can reduce waste significantly compared with alternatives such as the carborundum peeling process. The finished product also looks much better than product peeled using the carborundum process in that the brushes do not scratch the product.



Our Commitment to YOU

At Wyma our aim is simple, to deliver you the best fruit and vegetable handling equipment available. We are dedicated to exceeding customer needs with innovative products, technical excellence and quality service to create solutions for all of your produce handling requirements.

Hear what existing customers have to say...

"We have been using the Vege-Polisher for 6 months and have had virtually no trouble to speak of. The adjustability of the Vege-Polisher can compensate for different varieties we run through our plant, and with different soil types encountered. We have found excellent potato polishing."

Russell Leonardson,
General Manager
Idaho Select Inc.
Aberdeen, Idaho
USA

"The Vege-Polisher is extremely durable and efficient, it uses less water, and handles produce very gently. Significantly, it has reduced our grading time by 75%. Wyma have been easy to deal with and provide an excellent service"

Sam & Harry Das
B Das & Sons
NZ

FEATURES / BENEFITS

- **HIGHLY RELIABLE, PATENTED V & SYNCHRONOUS BELT DRIVE SYSTEM** with proven performance and durability. Robust and strong, our drive system uses custom made Kevlar drive belts to reduce stretching and provide improved lifespan. The belts operate more quietly, last for thousands of hours and can handle high brush speeds that are now used to increase capacity.
- **All BRUSHES are 100% EXCLUSIVE** to Wyma with over 20 brush configurations for different products and wash results. No competing brush washer on the market has access to Wyma's Brush Technology. Wyma have an extensive R&D programme trialling different brush designs on products, plus nearly 10 years experience. As a consequence of this technology, Wyma Vege-Polishers™ do not need barriers behind the brushes to prevent product loss through brushes, irrespective of product size or shape.
- **NEW SLIDING & REMOVABLE ACCESS PANELS** to allow easy cleaning and servicing. Quick release latches allow the user to easily take the doors off the machine to remove brush shafts. The side doors are designed to slide past each other to make servicing and cleaning simple. For planned maintenance like brush changes, the user has complete and unobstructed access to the brushes and drive system.
- **BRUSH SHAFT REMOVAL FROM THE SIDE** rather than the end, providing faster and easier change outs. The brush shafts and stubs are now separate parts connected by an **innovative NEW coupling** to take any misalignment. Drive pulleys are fixed to the drum and remain in the machine even if the brush shafts are removed. In the event of unexpected shaft bearing failure, the whole pulley assembly can now be changed in a matter of minutes, which is complete with bearings, to minimise downtime.
- **A NEW INTERNAL PERMANENTLY SEALED BEARING ARRANGEMENT** is now standard on all WP Series V2 models. A double arrangement at the infeed end prevents shaft misalignment – usually the main cause of water entering bearings. This arrangement is now also completely removed from any direct contact with water/dirt. The outfeed end uses the high reliability of a labyrinth seal to protect an internal spherical roller bearing. These features make this bearing arrangement completely maintenance free.
- **SIGNIFICANTLY MORE MOTOR POWER** than earlier Wyma models and other washers on the market. In combination with our brush technology, this results in **GREATER ROTATIONAL BRUSH SPEED** and **GREATER CAPACITY**.
- **NEW INSPECTION WINDOWS.** The inspection windows are located at the side and ends of the machine to allow the user to view the drive system, brushes and other components while the machine is running.
- **SEPARATE VARIABLE SPEED CONTROL ON BOTH THE BRUSH & BARREL.** This will allow you to tailor your wash requirement to suit product type and conditions.
- **PROVEN BEARING SEALING SYSTEM - EXCLUSIVE TO WYMA.*** We use a triple sealed bearing with a purpose designed back plate and additional seals to keep water/dirt out. This system has proven extremely effective at lengthening bearing life at minimal cost.
- **BUILT IN DRUM LIFTING SYSTEM** for belt and support wheel changes.
- **INCHING FUNCTIONS TO ROTATE DRUMS & SHAFTS FOR MAINTENANCE.**
- **WORLD WIDE DISTRIBUTION & SUPPORT NETWORK.**
- **REDUCED WATER CONSUMPTION.** Wyma will custom design a complete water recycling system to allow all water to be re-used for the washing process. The recycling system will be tailored to take account of any existing systems already on site. It is significant to note that the Vege-Polishers™ remove a great deal of fibre, and comprehensive fibre filtration is very important to prevent spray pipe blockage. Dirt extraction is also provided to keep the water clean.
- **FULLY ADJUSTABLE AUTOMATIC OUT FEED GATE.** Product depth in the machine is a major requirement to balance capacity with crop conditions. Often this point is overlooked when machines are specified. Wyma now have an **optional automatic product depth control** using a linear actuator. Gate positions can be programmed by the user (or Wyma) to give a range of automatic settings from full to empty to allow users to choose a setting that matches the crop.
- Upgrade to a **CUSTOM MADE MAINTENANCE FREE BEARING SYSTEM.**** Increase bearing life even further and reduce maintenance with Wyma's custom made maintenance free bearings system. The Wyma bearing sealing system ensures **water penetration is virtually impossible**, which is the key reason for extending bearing life. The system works on a carefully researched and tested series of seals with grease packed into the cavities to prevent any moisture penetration.
- **HYDRAULIC OR PNEUMATIC TILT ADJUSTMENT SYSTEM FOR FAST EMPTYING** with synchronised outfeed elevator. For users that change crops or growers frequently, or like to empty out the Vege-Polisher™ quickly at the end of a run. The system will automatically tilt the Vege-Polisher™ (at the push of a button) to allow the machine to lower for fast emptying and can be combined with the automatic out feed gate, so that it opens automatically to empty. IN ADDITION, Wyma have also developed a **fully automatic outfeed elevator** that moves up and down with the Vege-Polisher™ as well as the out feed gate height. This ensures that during normal operation product drop from the Vege-Polisher™ to the elevator is minimised, whilst during the emptying process the Vege-Polisher™ and elevator both lower to the emptying height to ensure the falls are still minimised. The whole system is fully automatic and is custom made for each application.

* Standard on WP Series V1 machines

** Maintenance free bearing system an optional upgrade on the V1 models.



New sliding & removable side access panels

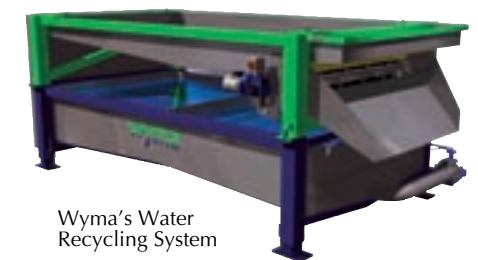


The Vege-Polisher™ Out feed Gate.

Manual or Linear Actuator options are available on all WP Series models

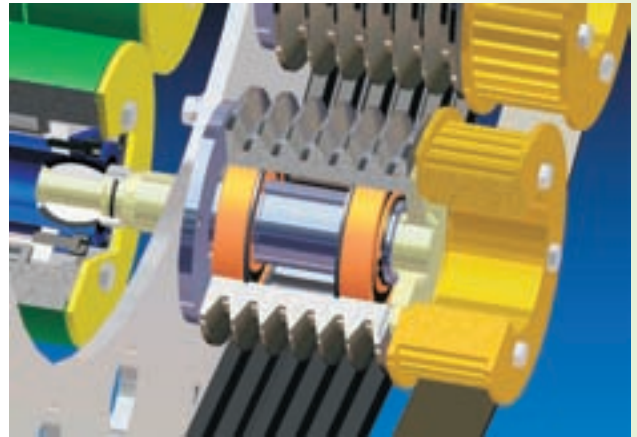


The Vege-Polisher™ Human Interface Panel available on all WP Series models.



Wyma's Water Recycling System

- **FLUME INFEED SYSTEM to cater for multiple infeed directions.** Fluming provides a very gentle entry to the washer and allows product to be conveyed to the Vege-Polisher™ from any direction without awkward transitions. Fluming requires a large water source, and will generally be used in conjunction with water collection and recycling systems built under the Vege-Polisher™.
- **MATERIAL SELECTION** is important for all customers. The WP Series Vege-Polisher™ comes standard with stainless steel exterior panels and galvanised/painted drum and shafts. Electro plating is standard on all machined parts that cannot be galvanised. Speciality surface coatings such as nickel plating are options, to allow the use of high strength steels and still deliver a corrosive free product.
- **LARGER IN FEED OPENINGS** are features of all new WP Series models, to provide easier access for product to enter the machine.
- **NICKLE PLATED BRUSH SHAFT STUBS.** These are recommended for aggressive applications to eliminate corrosion.



NEW permanently sealed bearing system & flexible coupling arrangement which allows simple brush shaft removal from the side of the machine

Technical Specifications

Product Code (WP Series)	WP2412	WP3014	WP3518
Drum length (m)	2.4 (7'11")	3.0 (9'10")	3.5 (11'6")
Brush Row	12	14	18
Nominal Capacity (tonnes/hr)**	5-10	8-20	15-40
Nominal Capacity (pounds/hr)**	11,000 - 22,000	17,500 - 44,500	33,500 - 88,500
Length (mm)	2900 (9'6")	3704 (12'2")	4463 (14'8")
Width (mm)	1409 (4'7")	1677 (5'6")	2058 (6'9")
Height (mm)	1689 (5'6")	2093 (6'10")	2306 (7'6")
Machine Mass (empty, in tonnes)	2.1 (2.3 US Tons)	3.5 (3.85 US Tons)	6.3 (6.9 US Tons)
Material	Exterior: Stainless Steel Frame: Galvanised or stainless steel Drum: Galvanised or stainless steel	Exterior: Stainless Steel Frame: Galvanised or stainless steel Drum: Galvanised or stainless steel	Exterior: Stainless Steel Frame: Galvanised or stainless steel Drum: Galvanised or stainless steel

* Specifications apply to Version 1 and 2 WP Series Vege-Polisher™ machines.

** Depends on factors such as crop condition, soil type and product. Contact Wyma for advice about your specific conditions.

Guarantee

Wyma offer a standard 12-month guarantee that may be extended to 24-months against faulty parts and workmanship from the date of installation. Guarantee does not cover normal wear and tear and conditions apply.

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For more information or to find a member of our global distribution network, contact us at:

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