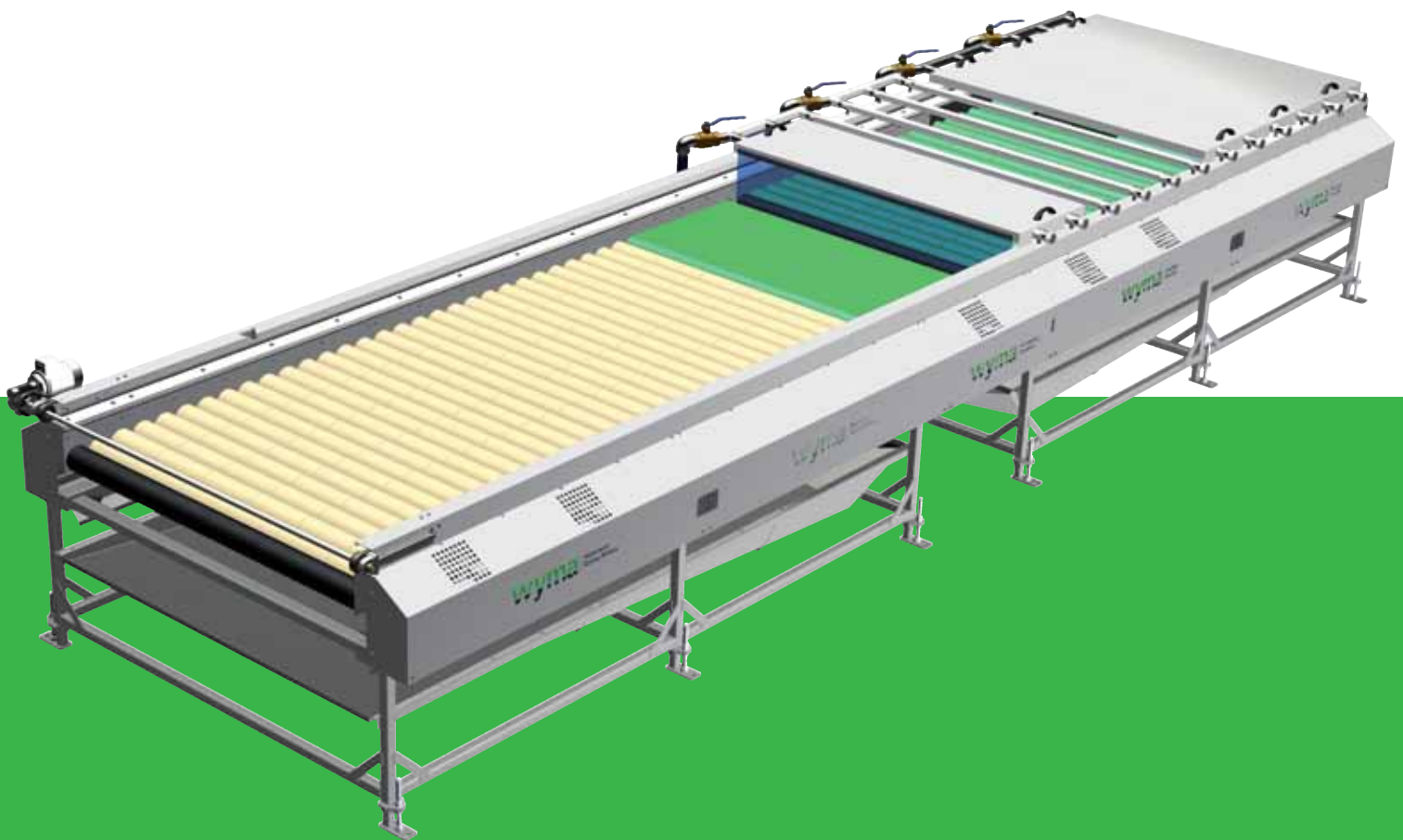


# Modular Flat Bed Systems



**Brushing, Drying and  
Sizing Equipment**

# FLEXIBLE

- Modular built to meet capacity requirements
- Possibility to add brushing, drying or spool sizing modules
- Multiple length and width configurations available
- Water catchment tray with or without water recycling system\*
- Variable speed control to suit different produce types and conditions\*
- Felt or latex sponge drying options
- Nylon or polyethylene brush options
- Possibility to integrate zero-drop transfer/reception conveyor as an entry point for produce from other equipment

# ROBUST

- Durable and quiet Kevlar reinforced synchronous belts
- Twin drive system for reduced wear

# EFFECTIVE

- Suitable for use with produce requiring delicate washing/cleaning or substance application
- Pneumatically actuated squeeze cylinder under drying module to remove excess moisture, hence maximising drying effectiveness\*
- Ability to delay squeeze cylinder action to a pre-set time to increase felt or latex sponge life\*
- Smooth flow of produce (absence of transitions and drops)

# SMART

- Side removable sponge cartridges and segmented polyethylene or nylon brushes for easy and cost effective replacement
- Interchangeable spray bars to cater for various flow rates and spreads
- Suitable for rinsing, washing or product application

# HELPFUL

- Centralised greasing system for ease of maintenance
- Automatic wiper system to clear produce quickly at the end of a run\*
- Easily removable side panels for easy access to internal structure
- Common spare parts between brushing and drying modules
- Hood to cover spray bars, hence preventing water spills\*
- Easy sizing adjustment via manual handle on spool sizer



*Modular Flat Bed System with 1 x10 row Absorbent Drying Rollers module and 1 x15 row Absorbent Drying Rollers and Flat Bed Brusher module*



*Squeeze cylinder to remove excess moisture from sponge rollers*

\* Optional

## Equipment Description

The Wyma Modular Flat Bed System is a common integrated modular table for brushing, drying and sizing your produce. Modules of your choice are simply bolted onto each other, in a continuous system with zero drops. Ten and fifteen row modules can be added together to meet your capacity requirements.

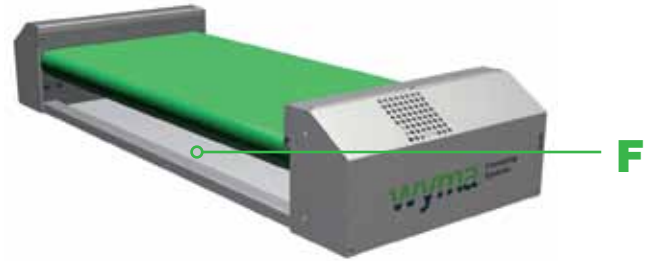
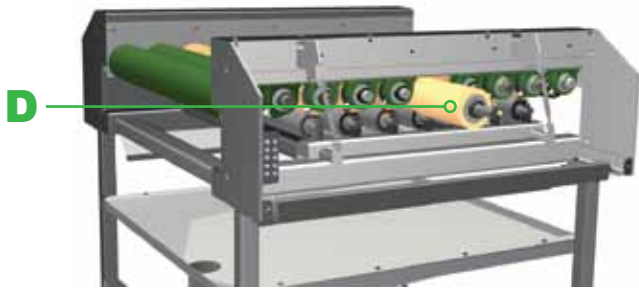
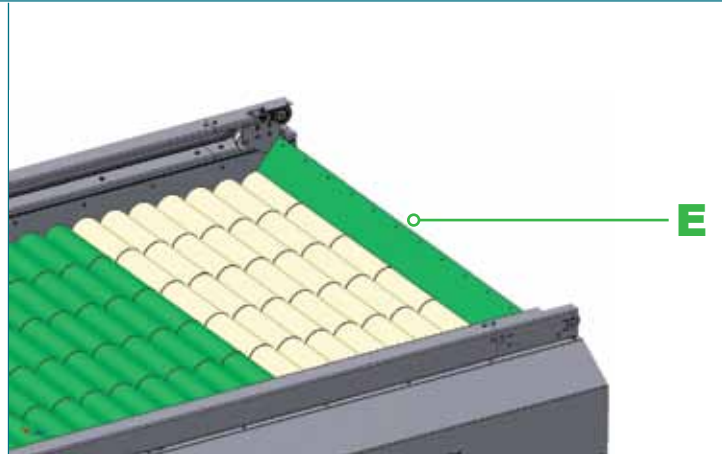
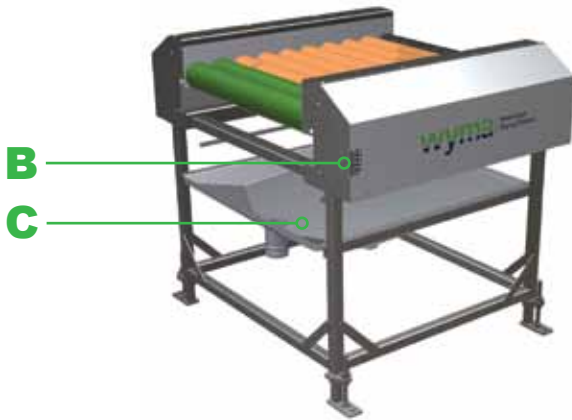
The applications available are:

- brushing
- washing
- rinsing
- chemical application
- transfer/reception conveyor
- spool sizing.

The absence of linking conveyors, transitions or drops between modules translates into a cost and space savings for the customer. Furthermore, the ability to use any combination of the above functions mean you can gently clean, improve appearance, increase shelf-life and reduce disease with one system.



*Potatoes going through a Wyma Flat Bed Modular System with spray bars*



- A** Modular Flat Bed Brushing and Drying System with integrated zero-drop conveyor, spray bars and hood
- B** Centralised greasing system
- C** Stainless steel water catchment tray

- D** Side removable shafts
- E** Automatic wiper system
- F** Integrated zero-drop transfer/reception conveyor (for produce from other equipment to enter the Modular Flat Bed System)

**Technical Data:**

Model	Approx. Capacity*	Roller Row Width	Roller Rows	Module Length
DR1009	10 t/hr (22,046 lb)	900 mm (35.5")	10	1,300 mm (51")
DR1012	15 t/hr (33,069 lb)	1,200 mm (47")	10	1,300 mm (51")
DR1015	24 t/hr (52,911 lb)	1,500 mm (59")	10	1,300 mm (51")
DR1018	30 t/hr (66,139 lb)	1,800 mm (71")	10	1,300 mm (51")

Model	Approx. Capacity*	Roller Row Width	Roller Rows	Module Length
DR1509	10 t/hr (22,046 lb)	900 mm (35.5")	15	1,900 mm (74")
DR1512	15 t/hr (33,069 lb)	1,200 mm (47")	15	1,900 mm (74")
DR1515	24 t/hr (52,911 lb)	1,500 mm (59")	15	1,900 mm (74")
DR1518	30 t/hr (66,139 lb)	1,800 mm (71")	15	1,900 mm (74")

\* Depending on soil, produce and operating conditions  
**Rollers can be a combination of felt/brushes/pintles or latex/brushes/pintles**

## Wyma Fresh Thinking

When you've worked hard to cultivate a successful growing and packing business and you're aiming to deliver a quality product, you want the best post-harvest handling solutions available.

When you buy Wyma, you buy proven technical innovation and quality, backed up by a deep understanding of your processing needs. We hope you will be as proud to be a Wyma owner as we are to manufacture and support the equipment worldwide.

Our fresh thinking is always available to help you keep improving the way you process your vegetables. As we say, "if it's worth growing, it's worth handling with Wyma".

# Insist on authentic Wyma spare parts



**Consult**



**Design**



**Manufacture**



**Install**



**Support**

## Contact Details

### New Zealand Head Office

27 Foremans Road  
PO Box 16-707  
Hornby 8441  
Christchurch  
New Zealand  
P: +64 3 344 6403  
F: +64 3 344 6407  
sales@wymasolutions.com

### European Office

Wyma Europe s.r.o.  
Netovicka 875  
27444  
Slany  
Czech Republic  
P: +420 312 312 733  
F: +420 312 312 734  
eu.sales@wymasolutions.com

### Australian Contact

580 Doyles Road  
PO Box 1158  
Shepparton  
Victoria 3630  
Australia  
P: +61 400 577 921  
F: +61 3 5831 1038  
au.sales@wymasolutions.com

Your Local Wyma Representative:



*The information contained in this document is based upon the latest information available at the time of publication. We make no guarantees or representations as to its accuracy. We are continually updating and improving our products and reserve the right to amend, discontinue or alter specifications and prices without prior notice. © Wyma*