

# MarketSafe™ Sanitising Tunnels



Unite against  
COVID-19



Boost Staff &  
Customer Safety

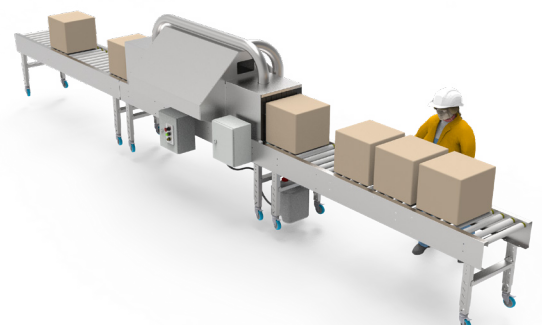
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Protects up to  
seven days

**Remove the risk and fear of deliveries to you and your customers and further protect with the MarketSafe™ Sanitiser Tunnel. An innovative design as a direct response to the COVID-19 crisis, this tunnel will continuously disinfect cartons before they are dispatched or stored, to provide safer work environments and further protect fellow New Zealanders.**

## Features & Benefits

- Safe To Operate - easily operate with push button controls and contained sanitisation.
- Maintain Product Integrity - special application process ensures no damage to cartons or product.
- Versatile - mobile system that can be added to any existing conveyor systems or hand fed.
- Residual Action - sanitiser continues to kill viruses and bugs up to 7 days after application which means it will still work during transport and supply chain touch points.
- Fast - can continuously sanitise up to 60 cartons per minute.
- Proven - sanitiser used is hospital grade and approved for use against COVID-19\*. It is also commonly used in NZ in the Food Industry, and more recently with the NZ Police to sanitise their vehicles.
- Quick Set-up - single phase plug and play simplicity.



\*<https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>

# Fight the spread together and save lives



## Specifications

### Tunnel Dimensions

2.4m long x 1.1m wide x 1.5m high

Conveyor height adjustable from 850mm top of roller.

### Product Dimensions

Width: up to 460mm

Height: 20mm to 460mm

Length: from 300mm

### Capacity

Adjustable up to 60 cartons per minute at 600mm long

### Electrical Supply

Single Phase 240 V - 10 Amp

### Compressed Air Supply Required

Depending on product column (approx.)

100 per hour = 4L/min

500 per hour = 18L/min

1000-1500 per hour = 40L/min

2500-3000 per hour = 70L/min

### Extraction Fan

Single Phase

150mm Diameter

Needs to be ducted to outside building

### Operation

Simply plug into electrical and air supply, duct fan to outside building, remove lid from sanitiser fluid, fit pump pickup into container and place under drain tray. Switch on and sensor will pickup product being feed in and start tunnel which will run until product is ejected out of tunnel.

## Standard Tunnel

- Aluminum Construction
- Two 24v DynoDrives
- 60mm Lockable Castor Wheels
- PVC Rollers with combination of S/S precision and acetal race bearings
- Single Phase Extraction Fan with 12m of 150mm duct (extra available to suit site requirements)

### Recommended Extras

- 1.2m DynoDrive Powered Roller Infeed
- 1.2m Gravity Roller Outfeed

## Premium Tunnel

- Robust design for high throughput and industrial applications
- Stainless Steel Construction
- Three Waterproof 24v DynoDrives
- 100mm Lockable Castor Wheels
- PVC Rollers with S/S Precision Bearings
- Single Phase Extraction Fan with 12m of 150mm duct (extra available to suit site requirements)

### Recommended Extra's

- 2.4m Tranzband Variable Speed Accumulating Powered Roller Conveyor.
- 2.4m Gravity Roller Conveyor Outfeed with driven section at start to pull product from tunnel.

## Process

MarketSafe tunnels treat the outside of products. The application method is specially developed to give up to 7 days of protection against most viruses and bacteria without damaging product. Sanitisation fluid is hospital grade and approved for use against COVID-19\*. It is widely used for sanitising and disinfection of surfaces in the NZ Food Industry.

\*<https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>