



Food Processing Catalogue

Simpro materials-handling equipment for hygiene-critical applications.



Introduction

Simpro has been manufacturing materials handling equipment for hygiene-critical applications in the food processing, pharmaceutical, and chemical industries since 1992.

Back when we designed and built that first stainless-steel hydraulic bin-tipping machine for a food processing company, Simpro was a small Auckland engineering firm. But in the years that followed, our bin lifters, tippers, elevators, stackers, bins and custom materials-handling solutions were chosen by some of the most prestigious names in global business - General Mills, Mondelēz International, Nestle, Fonterra - as well as thousands of small and medium enterprises around Australasia.

And today, products such as the Dumpmaster deliver world-class safety, reliability, hygiene and maintainability to customers all around the world.

Additionally, as part of a strategy to broaden our product range, Simpro has established partnerships with leading food-industry equipment OEMs in Europe and Asia.

This allows us to offer innovative products from overseas, such as food-grade polyethylene Eurobins, manufactured by Sæplast of Iceland, and bin-weighing equipment from Expro of China.

So if you're a process engineer looking for a method to elevate bulk materials in a production environment - or a plant designer needing a materials handling elevator that can be cleaned and sterilised in minutes - or an abattoir manager looking for plastic Eurobins - Simpro has a solution for you.

Stephen Simmons

Managing Director

Simpro Handling Equipment Ltd

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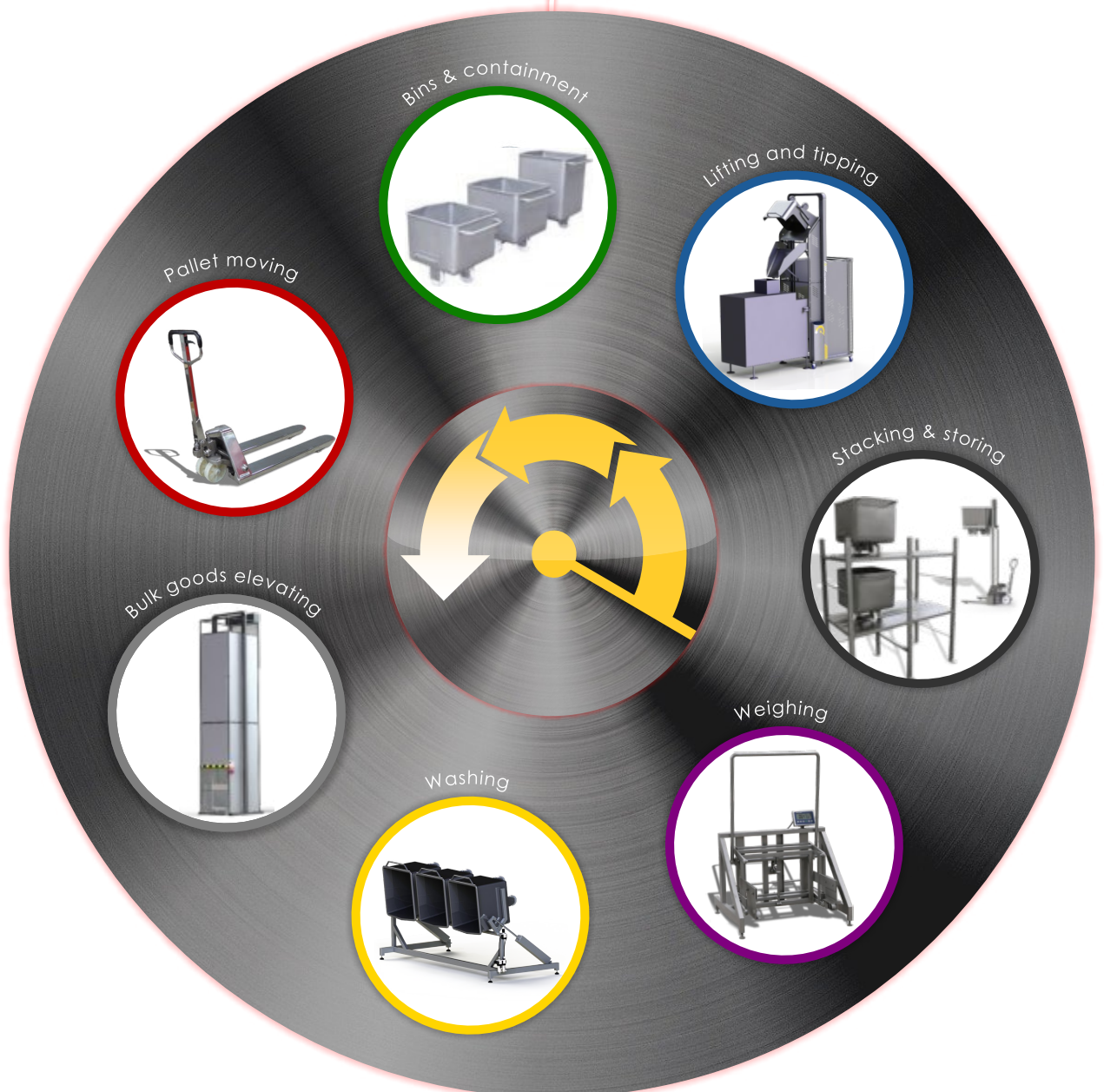
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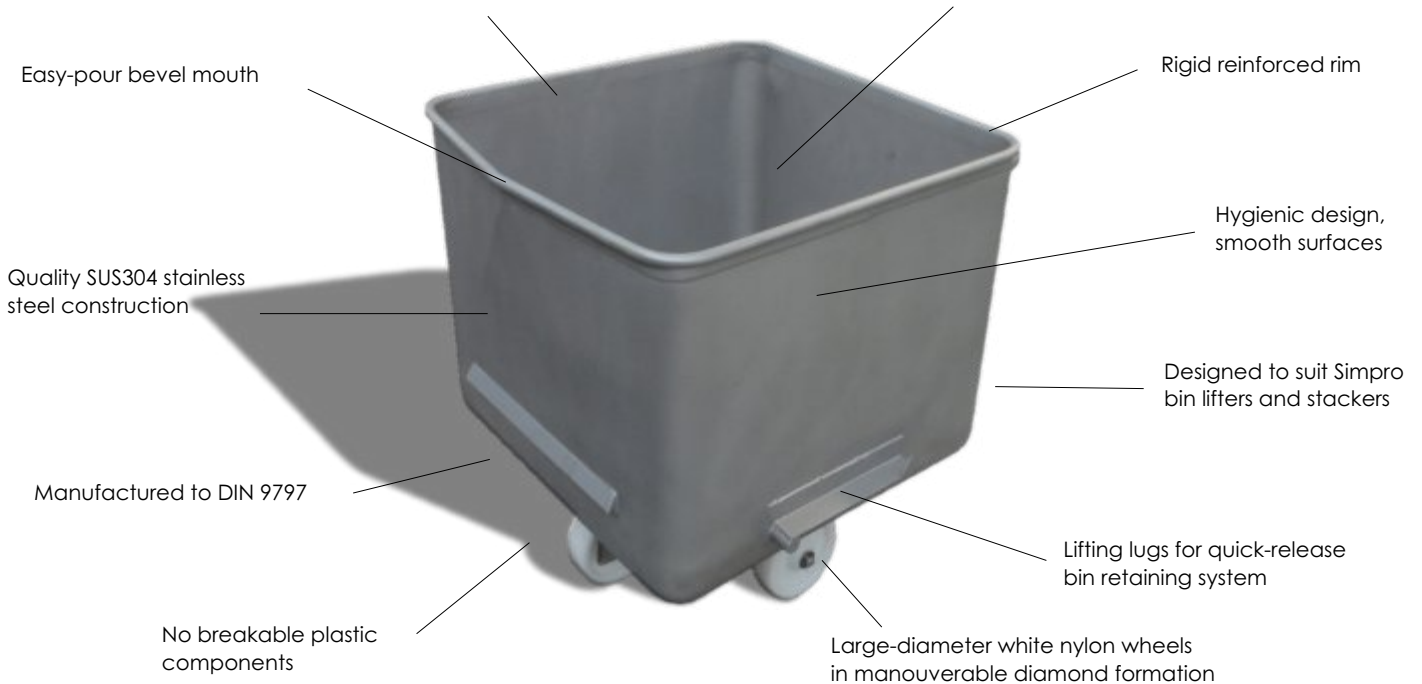
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Eurobins

European standard meat tote bin with optional lid

120L, 200L and 300L capacities



A complete range of Eurobins is available from Simpro.

The bins are manufactured from high-quality 304 stainless steel, making them ideal for bakeries, meat processing plants, cereal manufacturers and other hygiene-critical applications.

Because Simpro Eurobins comply with industry standards such as DIN9797, they can be handled by all common trunion-lift

equipment. With with four large wheels in an offset diamond formation, the bins are very manoeuvrable – even when heavily loaded.

Simpro also offers a unique 'Dropaway Base' Eurobin, for applications where the wheels present a contamination hazard during tipping. This bin is seated on a wheeled base unit, which stays in place when the bin is lifted. Once tipping is complete the bin is lowered back onto the base, and can be wheeled away like any other EuroBin.

Capacities of 120L, 200L and 300L



Dropaway base for hygienic tipping



Fitted, folding and stackable lids available



| Model | Capacity | Lid | Materials | Height | Length | Width | Weight | Wheels | Standards Compliance |
|--------------|--|---------------------------------|---|--------------|--------------|---------------------------------|--------|---|----------------------------------|
| EB120 | 120 litres | Optional (hinged or non-hinged) | 304-grade stainless steel with bead-blasted finish | 630mm | 680mm | 630mm | ~30kg | 4x ø150mm non-marking white nylon wheels in offset diamond formation | DIN9797:1988-10 CE ISO9001 |
| EB200 | 200 litres | | | 690mm | 830mm | 710mm | ~40kg | | |
| EB300 | 300 litres | | | 930mm | | | ~50kg | | |
| EB200D | 200 litres | | | 690mm | ~43kg | Wheels affixed to dropaway base | | | |
| EB-CUSTOM | Enquire with Simpro via sales@simpro.world or +64 9 634 7445, or view options at https://simpro.world/bins/eurobin | | | | | | | | |

Standard or recommended specifications are printed in **bold**.



Simpro Flurobins are rotamoulded plastic meat carts, compliant with DIN9797 and suitable for food industry applications where Eurobins have commonly been used.

Unlike traditional stainless-steel Eurobins, Flurobins are produced from a triple-layer polyethylene plastic. This means they weigh around half as much, are quieter, have better insulating properties and come in a range of vivid colours - ideal for visual process control.

FluroBins are manufactured by Scandinavian plastics company Sæplast, with which Simpro signed an agency agreement in 2017. Sæplast seamless triple-layer construction makes the FluroBins incredibly robust – typically lasting up to ten times longer than comparable single-layer plastic bins.

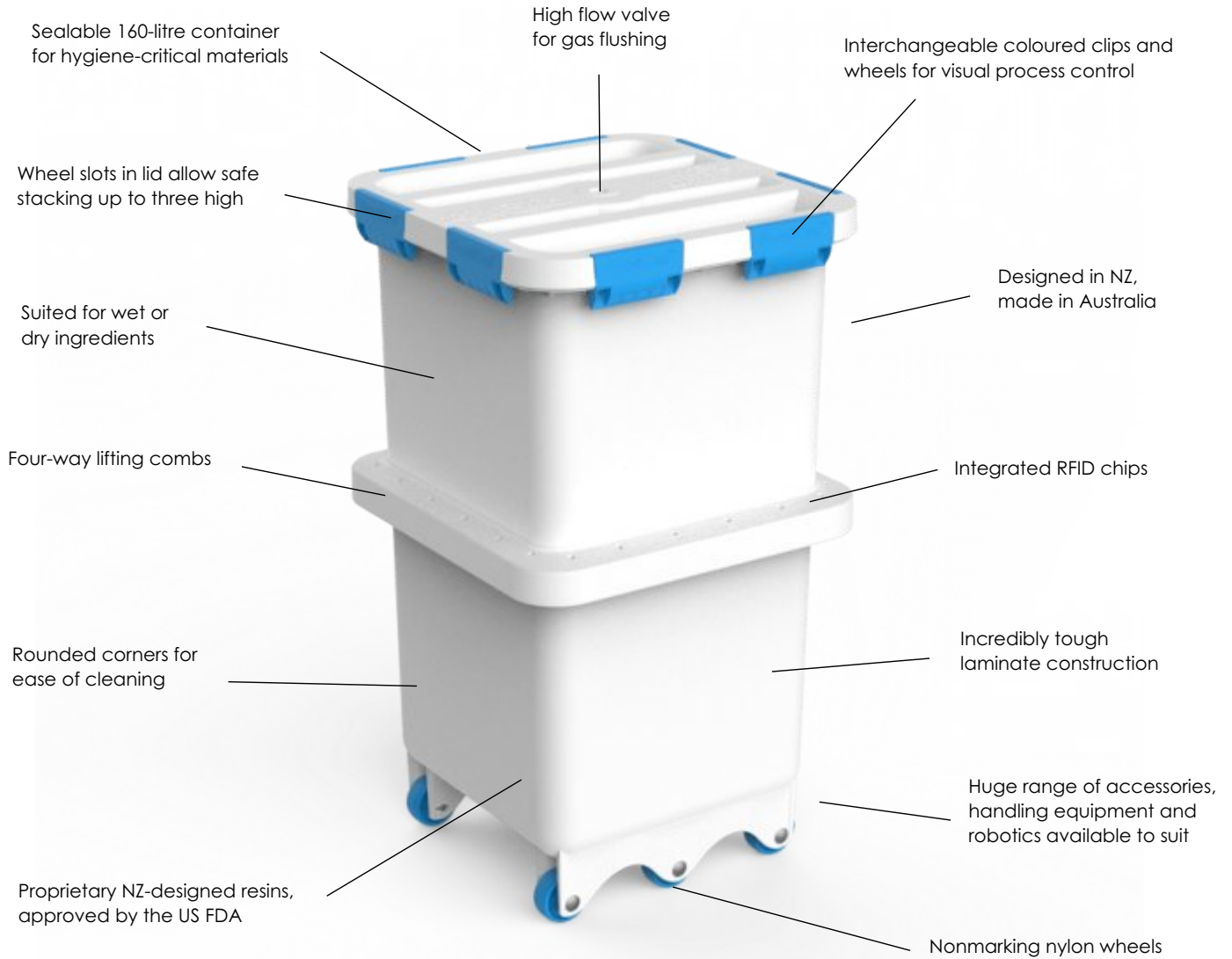
Simpro is also an authorised agent for the complete range of Sæplast containers.

| Model | Capacity | Colours | Materials | Height | Length | Width | Weight | Wheels | Standards Compliance |
|--------------|--|----------------|--|--------------|--------------|--------------|--------------|---|------------------------|
| FB200 | 200 litres | White | Rotomoulded polyethylene walls, enclosing polyethylene core (Thermal-insulating PU core optionally available) | 700mm | 820mm | 720mm | ~22kg | 4x ø150mm non-marking white nylon wheels in offset diamond formation | DIN9797:1988-10 |
| FB185 | 185 litres | Blue | | 700mm | 800mm | 680mm | ~23kg | | CE |
| FB300 | 277 litres | Green Red | | 980mm | 840mm | 740mm | ~26.5kg | | ISO9001 |
| FB-CUSTOM | Enquire with Simpro via sales@simpro.world or +64 9 634 7445, or view options at https://simpro.world/bins/flurobin | | | | | | | | |

Standard or recommended specifications are printed in **bold**.



Foodcap Capsules



Multi-coloured lids clips and wheels

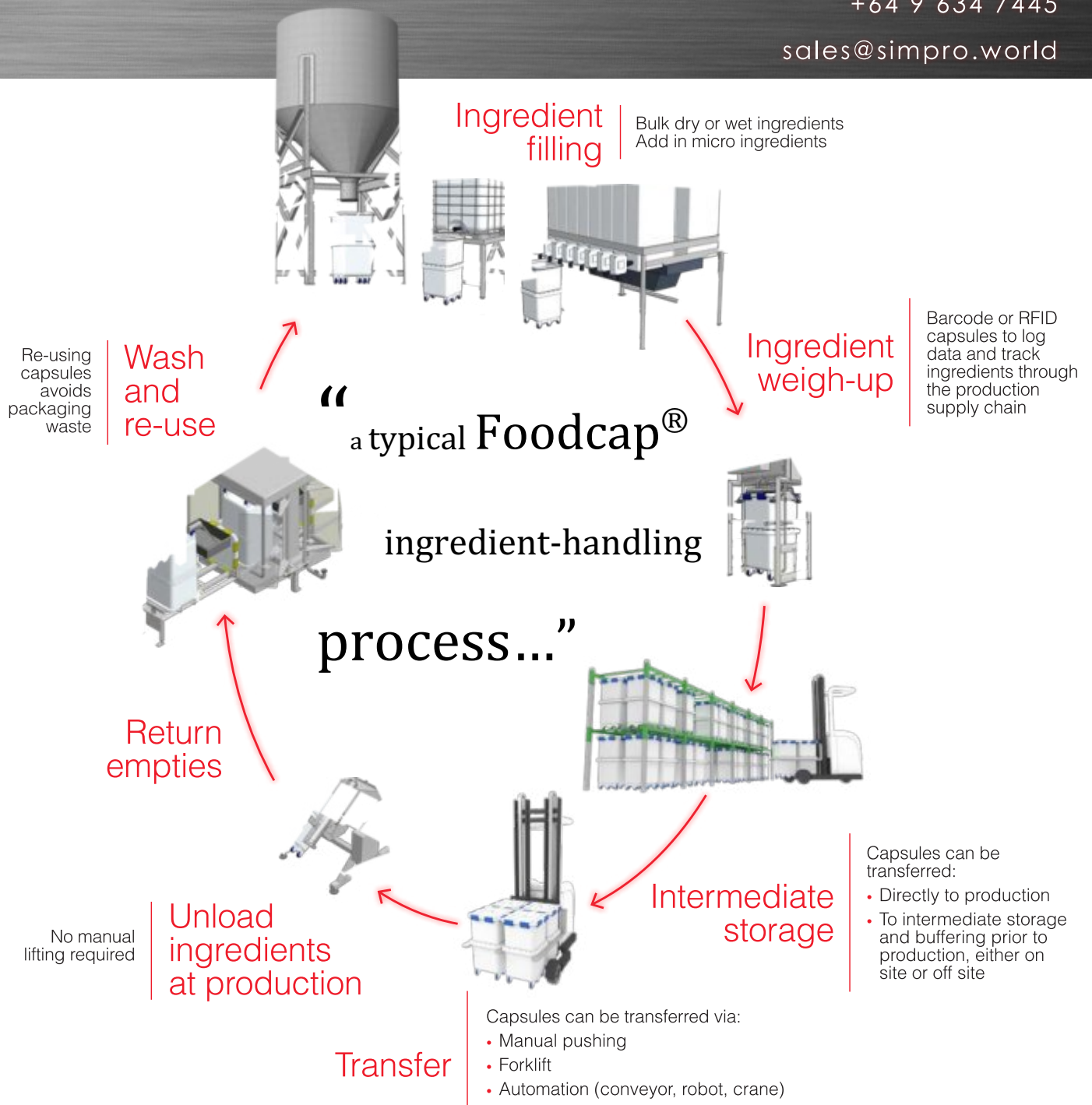


Stackable 2-high when full



Suits all Simpro handling equipment





Foodcap ingredient-handling capsules are now available in New Zealand exclusively from Simpro.

Over 10 years in development, Foodcaps feature a sealed lid which allows ingredients to be moved through 'dirty' areas without compromising hygiene. The integrated gas-flush valve allows the creation of a modified internal atmospheres for storing perishables

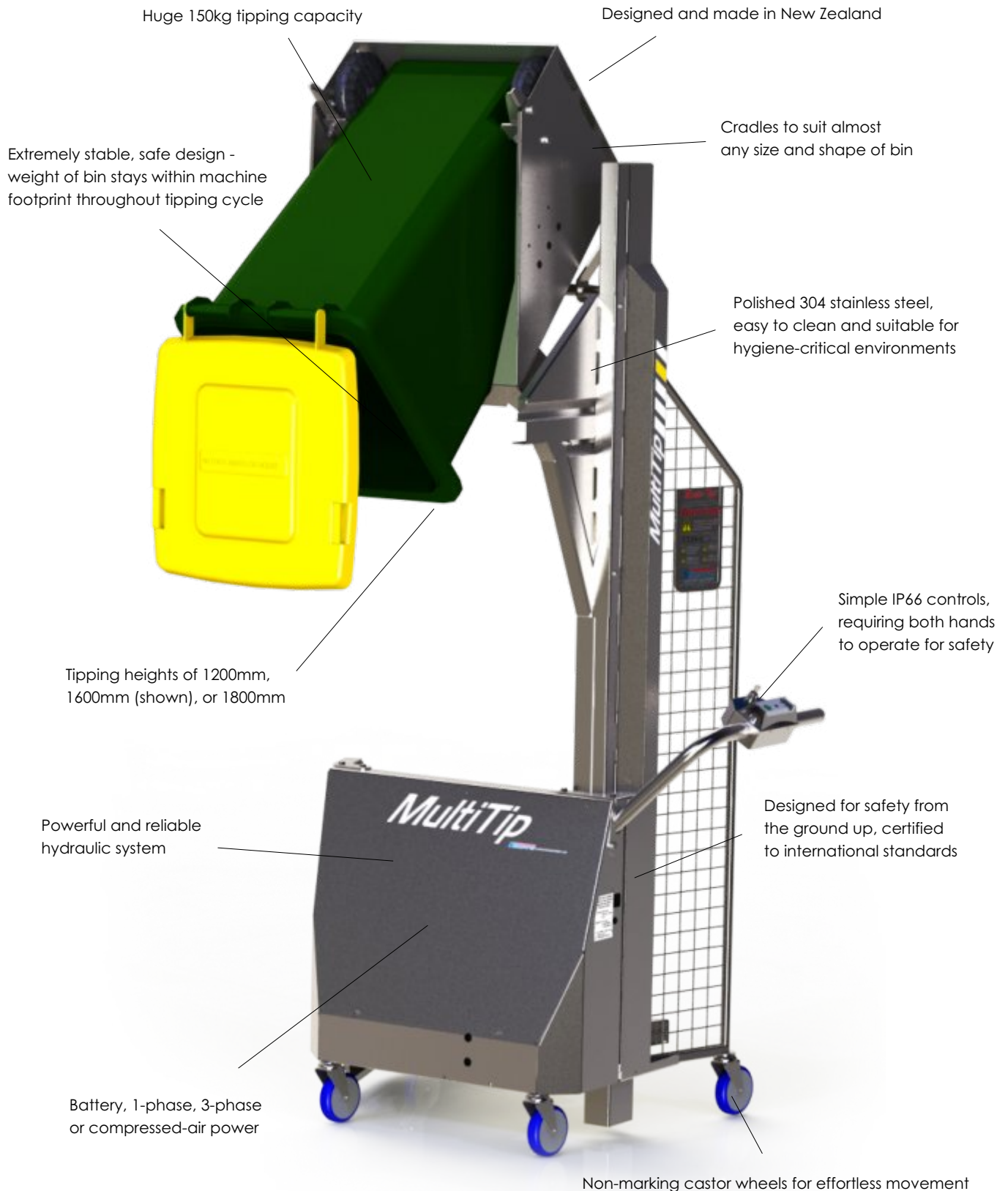
Foodcaps can be stacked two-high when full, reducing the need for racking, while coloured clips and wheels allow visual process control.

The rounded capsule design is easy to clean and very robust, with proprietary FDA-approved laminate construction. A special 'Ultratuff' version is also available for the most demanding commercial applications.

| Model | Capacity | Colours | Materials | Height | Length | Width | Weight | Wheels | Standards Compliance |
|---------|------------|---|---|--------|--------|-------|--------|--|----------------------------|
| FC180 | 180 litres | White Blue Red Yellow (Clips and wheels only) | Proprietary FDA-approved resin laminate | 1000mm | 560mm | 560mm | ~18kg | 6x ø75mm non-marking nylon wheels in rectangle formation | Proprietary, FDA approved. |
| FC180UT | | | 'Ultratuff' material—commercially sensitive | | | | ~26kg | | |



Multi-Tip[®] SS



| Model | Tip Height | Capacity | Power | Height (lowered) | Height (raised) | Length | Width | Weight | IP Rating | Safety Class |
|----------------|--|--------------|---|------------------|-----------------|--------------|---------------|--------|----------------------------|--|
| MTS1200 | 1200mm | 150kg | Battery solar 1-phase mains 3-phase mains compressed-air | 1995mm | 2240mm | 879mm | 1237mm | ~150kg | IP56 IP66 IP69K | ISO13849-1 & AS/NZS4024 Cat 1 / PLc |
| MTS1600 | 1600mm | | | 2380mm | 2660mm | | | ~160kg | | |
| MTS1800 | 1800mm | | | 2580mm | 2860mm | | | ~170kg | | |
| MTS-CUSTOM | Enquire with Simpro via sales@simpro.world or +64 9 634 7445, or view options at https://simpro.world/bin-tippers/multi-tip | | | | | | | | | |

Standard or recommended specifications are printed in **bold**. See Page 26 for options and accessories.



1.2m/1.6m/1.8m

Various tipping heights available



150kg

Capacity (max gross bin weight)



2,500kg per hour continuous |
2,500kg of material per charge

Duty cycle—mains or battery-powered



Battery | solar | 1-phase mains |
3-phase mains | compressed air

Power supply

“Staff enjoy using it
because it is simple, safe and
reliable.” - Caffè L'affare, Wellington

The Multi-Tip from Simpro is everything a mobile bin tipper should be - safe, reliable, cost-effective and easy to use. With a huge 150kg capacity and 15-second tipping cycle, it is ideal for production operations where a light, highly mobile bin-tipping solution is required.

The Multi-Tip uses an unique single-mast design, which ensures the operator has a clear view during operations to ensure safety. Dual-hand controls further enhance operator safety. The open design means the entire machine can be inspected, cleaned and sterilised in minutes.

As standard, the Multi-Tip is fitted with a universal cradle, which lifts all standard wheelie bins without clamping or modification. However a range of custom cradles are available, allowing the machine to empty any commercial container weighing up to 150kg.

Like all Simpro products, the Multi-Tip is extremely robust and requires no regular maintenance. It is suitable for intensive washdowns, with all components rated to IP56 or higher as required. A 316 stainless steel version is available for use in highly acidic or basic environments.





EuroOver

Designed for industry-standard 120L / 200L / 300L Eurobins

Simple, safe design requiring minimal maintenance

Bead-blasted 304-grade stainless steel construction

Quick-release DIN9797 bin retaining system

Powerful 1.5kW electric motor

Tipping height adjustable across 300mm, maximum tip height varies by model:
 - 1500mm
 - 1900mm
 - 2200mm
 - 2500mm

Exceptionally reliable worm-drive mechanism with 300kg capacity

Quality Schneider Electric food-grade componentry

Simple, ergonomic operator controls with key switch and power indicator

415-volt 3-phase 50-hertz electrical system, with quality Schneider Electric componentry

Easy-clean removable covers to all mechanical components



Bolt-down base with tiny floor footprint

Range of EuroBins available to suit, with optional 'leave-behind' wheeled base for hygiene-critical tipping operations

| Model | Tip Height | Capacity | Power | Height (lowered) | Height (raised) | Length | Width | Weight | IP Rating | Safety Class |
|---------------|--|--------------|----------------------|------------------|-----------------|---------------|--------------|---------------|-------------|--|
| EO1500 | ≤ 1200mm | 300kg | 3-phase mains | 1840mm | 2350mm | 1380mm | 800mm | ~294kg | IP66 | ISO13849-1 & AS/NZS4024 Cat 1 / PLc |
| EO1900 | ≤ 1900mm | | | 2530mm | 2750mm | | | ~312kg | | |
| EO2200 | ≤ 2200mm | | | 2530mm | 3050mm | | | ~326kg | | |
| EO2500 | ≤ 2500mm | | | 2840mm | 3350mm | | | ~340kg | | |
| EO-CUSTOM | Enquire with Simpro via sales@simpro.world or +64 9 634 7445, or view options at https://simpro.world/bin-tippers/multi-tip | | | | | | | | | |

Standard or recommended specifications are printed in **bold**. See Page 26 for options and accessories.



1.2m - 2.5m

Various models with adjustable tip height



300kg

Capacity (max gross bin weight)



**8,000kg of material
per hour continuous**

Duty cycle—3-phase mains-powered



3-phase mains

Power supply

With a simple design and minimal maintenance requirements, the Eurover bin tipper from Simpro is ideal for emptying DIN9797 Eurobins into hoppers, mixers or conveyors in food production environments.

The Eurover is manufactured from bead-blasted 304 stainless steel, with seamless welding and quality European componentry. It is designed for easy cleaning, with an accessible single-mast design and stainless steel covers to all components.

The Eurover employs a vertical worm-drive lifting mechanism, which can safely empty Eurobins weighing up to 300kg. The design allows for an adjustable tip height, with various models tipping in ranges between 1.5m and 2.5m.

A quick-hitch retaining system allows Eurobins to be secured simply by rolling them into place, with no clamping required. At the end of the tipping cycle, a foot catch allows the bin to be instantly released. This system is compatible with industry-standard DIN9797 Eurobins and meat carts, also available from Simpro (see page 20).

Like all Simpro products, the Eurover bin tipper is designed to be extremely reliable and virtually maintenance-free.

“...we couldn't ask for
better quality
in machinery.”

Dominic North—Victor Chang Cardiac Research Institute





Dumpmaster[®] SS

Standard tipping capacity of 250kg, larger capacities on request

Safety Certification available to international standards including ISO13849-1 and AS/NZS4024 up to Cat3/PLe

Cradles available to suit:

- Wheelie Bins
- Eurobins
- Mixing Bowls
- Dolav Bins
- Roser Bins
- Nally Bins
- Laundry Trolleys
- Tubs
- Drums
- Boxes
- Cartons
- Many more

Constructed fully or partially from polished 304-grade stainless steel

Designed and manufactured in New Zealand

Based on tried and tested Simpro Dumpmaster design, developed since 1992

Full-height operator guarding

Simple IP66-rated controls

Strut-assisted swing-up safety door (side-hinge available)

Reliable Simpro electro-hydraulic mechanism

Electric safety interlock system

3-phase, 1-phase, battery or compressed-air power for hazardous environments

Braked castor wheels for ease of movement (bolt-down lugs optional)

Compact design with tiny 1 m³ floor footprint

| Model | Tipping Height | Capacity | Power | Height | Length | Width | Weight | IP Rating | Safety Class |
|----------------|----------------|--|---|---------------|---------------|---------------|---------------|----------------------------|--|
| DMS0700* | 700mm | 250kg | 3-phase mains 1-phase mains compressed-air Battery solar | 1770mm | 1227mm | 1075mm | ~235kg | IP56 IP66 IP69K | ISO13849-1 & AS/NZS4024 Cat 1 / PLc or Cat 3 / PLd or Cat 4 / PLe |
| DMS1200 | 1200mm | | | 2470mm | | | ~255kg | | |
| DMS1500 | 1500mm | | | 2560mm | | | ~265kg | | |
| DMS1800 | 1800mm | | | 2860mm | | | ~275kg | | |
| DMS2100 | 2100mm | | | 3160mm | | | ~285kg | | |
| DMS-CUSTOM | xxxx mm | Enquire with Simpro via sales@simpro.world or +64 9 634 7445, or view options at https://simpro.world/bin-tippers/dumpmaster | | | | | | | |

Standard or recommended specifications are printed in **bold**. See Page 26 for options and accessories.

*Dockmaster variant, with safety legs and other features to allow operating from elevated platforms.



0.7m - 7m

Various tipping heights available



250kg

Capacity (max gross bin weight)



**10,000kg per hour continuous |
10,000kg of material per charge**

Duty cycle—mains or battery-powered



**3-phase mains | 1-phase mains |
compressed air | Battery | solar**

Power supply

“
...we couldn't ask for
better quality
in machinery.”

Dominic North—Victor Chang Cardiac Research Institute

The Simpro Dumpmaster safely empties any kind of bin at any height, with a unique electrohydraulic mechanism that can lift and tip more than 250kg. The Dumpmaster is the safest, fastest and most reliable hydraulic bin tipper on the market, and has been in continuous production for a quarter of a century.

Like all Simpro bin-tippers, the Dumpmaster features a unique lifting and tipping mechanism which is very efficient. Less than 1m² of floor space is required regardless of height, since the weight of the bin is maintained within the floor footprint at all times.

The Dumpmaster is optimised for hygiene-critical environments. To eliminate potential bacterial-growth areas and ensure ease of cleaning, all covers and guarding are produced from polished stainless steel. The controls and electronics are rated to IP66 to prevent any ingress of dust or liquids. And the machine can be certified to various standards, including ISO 12100 and AS/NZS 4024, up to Category 4 or PLe.

No matter how it is used, the Dumpmaster has proven to be safe, reliable and economical to operate, year after year.





MegaDumper[®] SS

Standard tipping capacity 600kg,
larger capacities on request

Optional certification to
international standards
including CE, ISO 13849
and AS/NZS4024 Cat3/PLd

Ultra-reliable Simpro
bin-tipping mechanism,
developed since 1992

Customisable tipping
heights up to ten metres

Cradles available to suit:

- Wheelie Bins
- Eurobins
- Mixing Bowls
- Dolav Bins
- Roser Bins
- Nally Bins
- Laundry Trolleys
- Tubs
- Drums
- Boxes
- Cartons
- Custom containers

Constructed fully or partially
from high-quality polished
304 stainless steel

Smooth, polished surfaces for
easy cleaning and sterilisation,
with no inaccessible spaces

Designed and
manufactured
in New Zealand

Full height
guarding

Simple spill-proof operator
controls, with key switch

Gas strut-assisted
swing-up door

Reliable and powerful
hydraulic mechanism

Electric safety
interlock system

3-phase, 1-phase, battery or
or compressed-air power for
hazardous environments

Compact design with
tiny floor footprint

| Model | Tip Height | Capacity | Power | Height | Length | Width | Weight | IP Rating | Safety Class |
|------------|------------|--|-------|--------|--------|-------|--------|-----------|--------------|
| MDS-CUSTOM | xxxx mm | Enquire with Simpro via sales@simpro.world or +64 9 634 7445, or view options at https://simpro.world/bin-tippers/megadumper | | | | | | | |

See Page 26 for options and accessories.



0.7m - 7m

Various models, fixed tip height



600kg

Capacity (max gross bin weight)



15,000kg of material

per hour continuous

Duty cycle—3-phase mains-powered



3-phase mains | 1-phase mains |

compressed air

Power supply

“Fantastic piece of kit”

Stephen Holbrook—Baler & Compactor Services

The MegaDumper SS is a heavy-duty bin lifter designed to empty bulk produce bins and other large containers weighing up to 600kg.

Produced entirely from food-grade stainless steel, the MegaDumper SS can be custom-built with tipping heights up to seven metres. Floor space requirements do not change regardless of tipping height, since the weight of the bin remains within the footprint at all times.

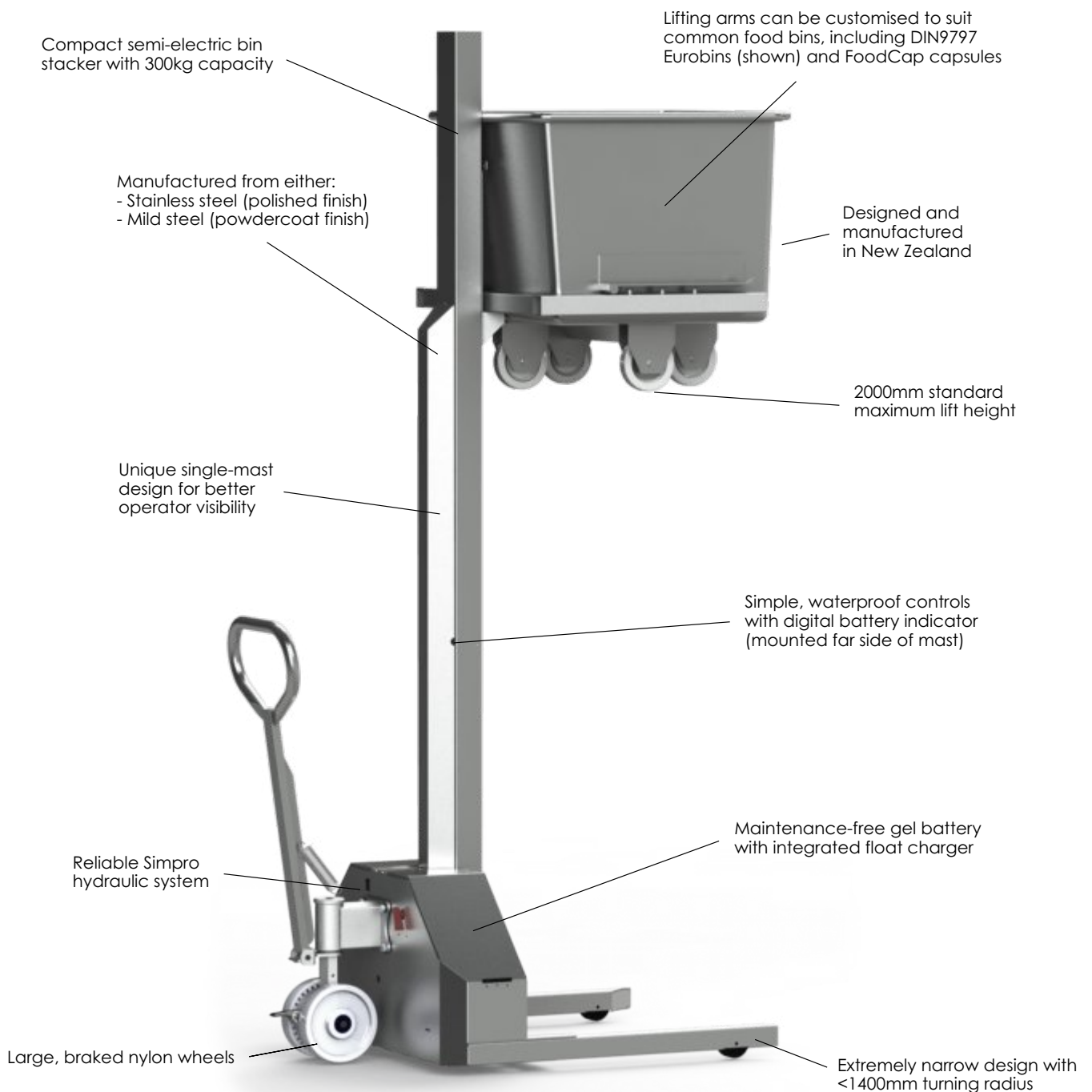
Like all Simpro products, the MegaDumper SS was designed for safety from the ground up. Full height guarding and swing-up door with safety interlock system are fitted as standard. Certification is available to a range of essential standards, including ISO13849-1 and AS/NZS4024 up to Safety Performance Level (e) if required.

Since its introduction in 1998 the MegaDumper SS has proven to be remarkably reliable, in even the most demanding environments. Some operators have used their machines as an integral part of production workflow for over two decades with little or no regular maintenance.





Eurostacker



The Simpro Eurostacker is a compact stainless-steel bin staker, with modular lifting arms designed to suit Eurobins, Flurobins and other common food-grade bins and containers.

As standard, the Eurostacker is produced from 304-grade stainless steel with a polished finish, which is easy to clean and suitable for hygiene-critical environments.

| Model | Capacity | Max Lift height | Power | Height | Length | Width | Weight | IP Rating | Safety Class |
|-----------|--|-----------------|------------------|--------|--------|-------|--------|-----------|--|
| ES2000 | DIN9797 Eurobins (up to 300kg) | 2000mm | 12V 21Ah Battery | 2575mm | 1202mm | 850mm | ~180kg | IP66 | ISO13849-1 AS/NZS4024 Category 1 / PLc |
| ES-CUSTOM | Enquire with Simpro via sales@simpro.world or +64 9 634 7445, or view options at https://simpro.world/bin-stackers/eurostacker | | | | | | | | |

Standard or recommended specifications are printed in **bold**. See Page 26 for options and accessories.

Modular food-grade bin racking system to suit Eurobins and FoodCaps (200L Eurobins shown)

Robust structure suitable for bins weighing up to 300kg

Corrosion-resistant 304-grade stainless steel construction

Floor panels prevent contaminants from falling onto bins stored on lower levels

Wheel chocks for bin retainment

Easy-clean bead blasted finish

Reduces floor space required for bin storage by over 60%

Bolt-down lugs for easy install and (re)configuration

Euroracking is a modular, food-grade bin storage system from Simpro, which allows bins such as FoodCaps and Eurobins to be stored in the smallest possible area.

Euroracking modules simply bolt together, and can be configured or re-configured to suit any floor layout. This reduces the space required for bin storage by more than two-thirds.

| Module | Storage Capacity | Materials | Height | Height with 200L Eurobins | Length | Width | Weight |
|-------------|--|---|---------------|---------------------------|---------------|---------------|---------------|
| ER32 | 6 bins (3 up, 2 across) | 304 stainless steel, bead-blasted finish | 2000mm | 2500mm | 1900mm | 1000mm | ~160kg |
| ER31 | 3 bins (3 up, 1 across) | | | | 980mm | | ~80kg |
| ER22 | 4 bins (2 up, 2 across) | | 1900mm | ~100kg | | | |
| ER21 | 2 bins (2 up, 1 across) | | 980mm | ~50kg | | | |
| ER-CUSTOM | Enquire with Simpro via sales@simpro.world or +64 9 634 7445, or view options at https://simpro.world/bin-racking/euroracking | | | | | | |

Standard or recommended specifications are printed in **bold**.



Euroweigh

Certified for weighing bins up to 300kg, with 10-gram intervals and $\pm 0.3\%$ accuracy

Mechanical lift-bar system allows operators to weigh Eurobins quickly and easily

Manufactured from 304-grade stainless steel with bead-blasted finish - corrosion-resistant, easy to clean and extremely durable

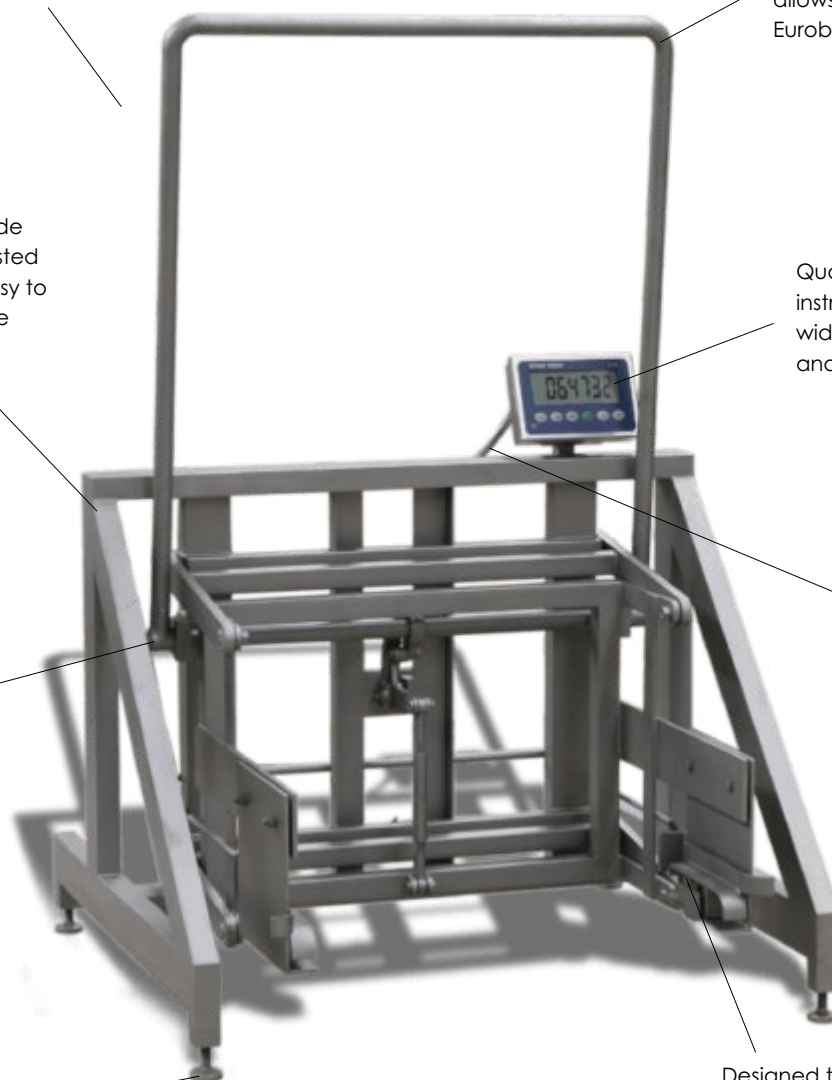
Quality Mettler Toledo instrumentation, with wide range of weighing and calibration functions

Quality European componentry

3-phase mains electrical system

Screw-levelling feet

Designed to suit industry-standard DIN9797 120L/200L/300L EuroBins, also available from Simpro



EuroWeigh from Simpro is a precision digital scale set for DIN9797 EuroBins, ideal for food industry users needing an accurate bin-weighing solution.

standard trunnion-lift EuroBins from 120L up to 300L, and includes tare, gross, net, addition, auto-zero and other functions – all certified for trade use.

The EuroWeigh is produced from food-grade 304 stainless steel and fitted with a high-quality Mettler Toledo IND236 scaleset, offering $\pm 0.3\%$ accuracy up to a maximum of 300kg. The unit can weigh all

Like all Simpro products, the EuroWeigh is designed to be simple to use, fast to clean, easy to move and virtually maintenance-free. It is produced in accordance with ISO9001.

| Model | Capacity | Accuracy | Power | Height | Length | Width | Weight | IP Rating | Safety Class |
|--------------|--|---|----------------------|---------------|---------------|---------------|---------------|-------------|---|
| EW300 | DIN9797 Eurobins (up to 300kg) | $\pm 0.3\%$, with 10-gram intervals | 3-phase mains | 1600mm | 1060mm | 1000mm | ~100kg | IP66 | ISO13849-1 AS/NZS4024 Category 1 / PLc |
| EW-CUSTOM | Enquire with Simpro via sales@simpro.world or +64 9 634 7445, or view options at https://simpro.world/bins/euroweigh | | | | | | | | |

Standard or recommended specifications are printed in **bold**. See Page 26 for options and accessories.

Inverts industry-standard Eurobins at ergonomic height for easy washing

Allows one operator to clean up to three bins at a time

Compressed-air powered operation to eliminate the risk of electric shock



Dual pneumatic rams can lift more than 100kg with 0.8MPa air supply

Screw-leveling feet

Manufactured from 304-grade stainless steel, with hygienic bead-blasted finish

Food-grade componentry

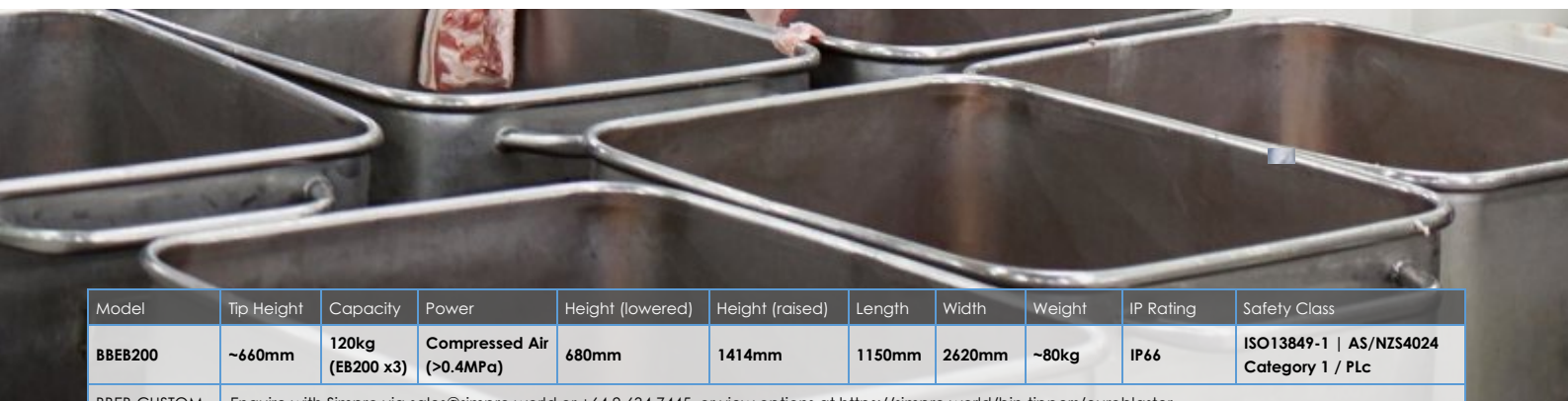
EuroBlaster is a pneumatic bin wash frame from Simpro, which lifts and inverts EuroBins at an ergonomic height for easy cleaning.

The EuroBlaster is fitted with multiple lifting arms to suit DIN9797-compliant Eurobins, and can lift up to three bins at a time for maximum productivity.

Powered by two pneumatic rams, the EuroBlaster requires no electricity to operate,

eliminating the risk of electric shock. A compressed-air supply of 0.4MPa or more is required.

Manufactured for 304 stainless steel with bead-blasted finish, the EuroBlaster is easy to clean and completely corrosion-resistant. It is an ideal solution for food-processing plants which need to manually clean up to 100 EuroBins each day.



| Model | Tip Height | Capacity | Power | Height (lowered) | Height (raised) | Length | Width | Weight | IP Rating | Safety Class |
|----------------|--|----------------------------|------------------------------------|------------------|-----------------|---------------|---------------|--------|-------------|---|
| BBEB200 | ~660mm | 120kg (EB200 x3) | Compressed Air (>0.4MPa) | 680mm | 1414mm | 1150mm | 2620mm | ~80kg | IP66 | ISO13849-1 AS/NZS4024 Category 1 / PLc |
| BBEB-CUSTOM | Enquire with Simpro via sales@simpro.world or +64 9 634 7445, or view options at https://simpro.world/bin-tippers/euroblaster | | | | | | | | | |

Standard or recommended specifications are printed in **bold**. See Page 26 for options and accessories.



Eurovator

Reliable electro-hydraulic mechanism, with accurate speed and weight regulation

304 stainless steel construction, with polished finish for ease of cleaning

Access stations to front and/or rear of lift at any level up to 10 metres

Certified to quality and safety standards including AS1418, ISO13849 and AS/NZS4024 Cat3

Weight capacities of 250kg or 600kg

Simple controls at each station allow both 'call' and 'send' operations

Designed and made in New Zealand

Emergency Stop button and Overload Warning lamp

Rapid installation, no floor pit or council consent required

Solenoid-operated safety interlock system

PLC control system allows custom operational logic

Stainless-steel bins and trolleys available to suit

Platform sizes up to 1500mm x 1500mm

Compact design, tiny floor footprint



| Model | Capacity | Lifting Height | Car Size | Height | Length | Width | Weight | IP Rating | Standards Compliance |
|--------------|----------|---|----------|--------|--------|-------|--------|-----------|----------------------|
| EV250-CUSTOM | 250kg | Enquire with Simpro via sales@simpro.world or +64 9 634 7445, or view options online at https://simpro.world/elevators/eurovator | | | | | | | |
| EV600-CUSTOM | 600kg | | | | | | | | |

See Page 26 for options and accessories.



0.2m - 7m+

Various lift heights available



250kg/600kg

Weight capacity, depending on model



**20,000kg of material
per hour continuous**

Duty cycle—3-phase mains-powered



**1-phase mains |
3-phase mains**

Power supply

“
The elevator has proved a
huge asset to our process.”

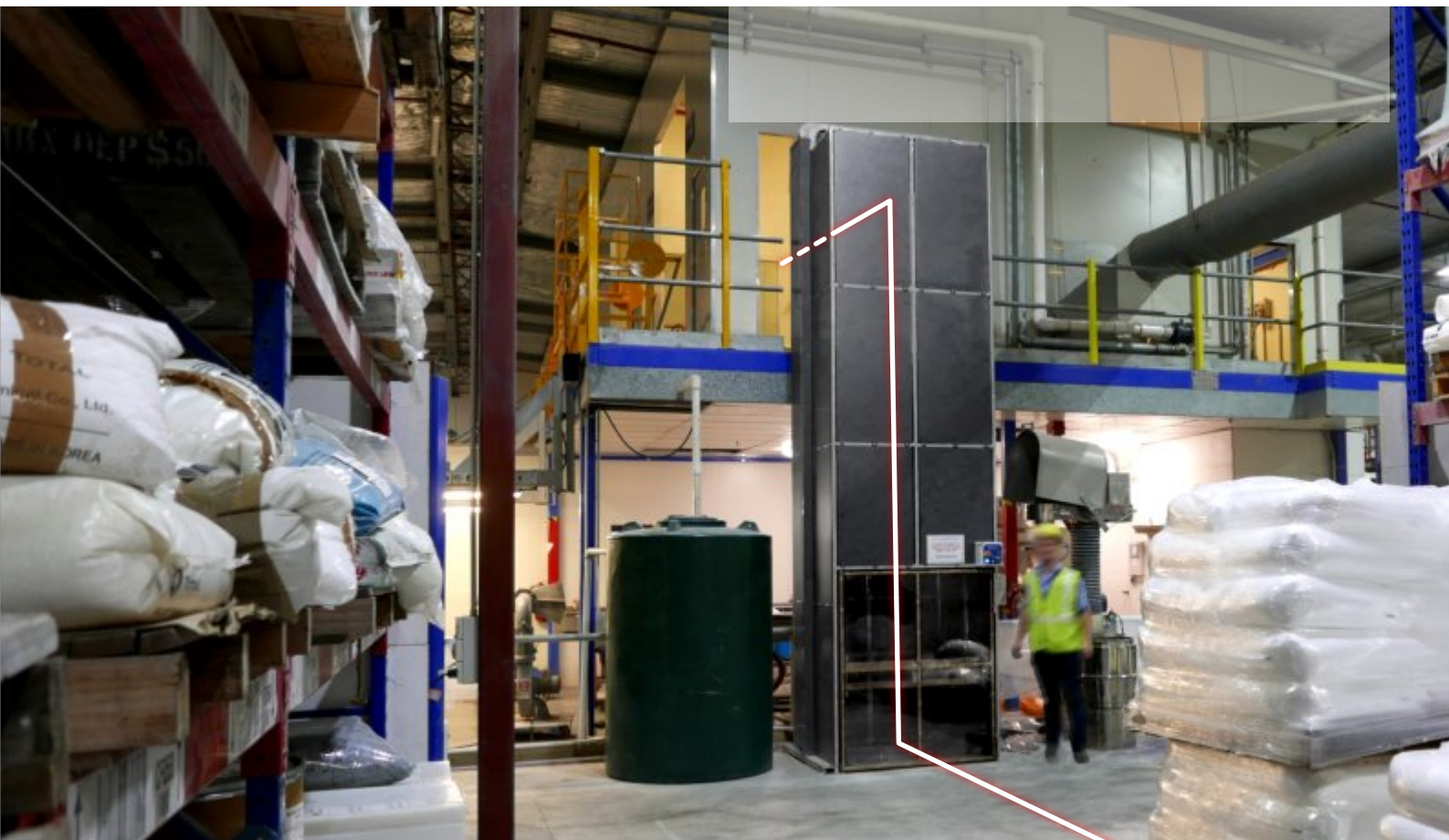
- Matthew De Nobrega - Clariant (New Zealand) Ltd

Eurovator is a materials handling elevator from Simpro, produced from polished 304 stainless steel and designed for hygiene-critical environments. Eurovator offers a fast, safe and economical method of moving bulk goods across production levels, while complying with relevant safety and hygiene standards.

Like all Simpro products, the Eurovator was designed for flexibility from the start. An electronic management system allows access stations to be fitted to the front and/or rear of the lift, at any level up to seven metres. Models are available with safe working loads of 250kg or 600kg, and car sizes up to 1500mm x 1500mm.

Because the Eurovator can be fitted with wheels and needs no floor pit or other building alterations, installation typically take as little as 60 minutes and does not require a building consent. This minimises production downtime and makes the lift very cost-effective.

The Eurovator is designed to be maintenance-free and extremely reliable. It can transform your production workflow, saving valuable time and effort while reducing workplace injuries.





Quiktruk SS Series

SUS304 stainless steel manual pallet truck, certified for hygiene-critical applications such as food production and pharmaceuticals

Huge 2500kg standard capacity

Certified to international standards:
- CE (Conformité Européene)
- EN ISO3691-5:2014
- Based on directive 2006/42/EC
- IQNet / CQC / CNAS

Robust filler with plastic hand grip

Three-stage control lever:
Raise/Neutral/Lower

Hygienic polished external surfaces, suitable for use in freezers and coolrooms

Reinforced stainless steel forks, with no penetrations

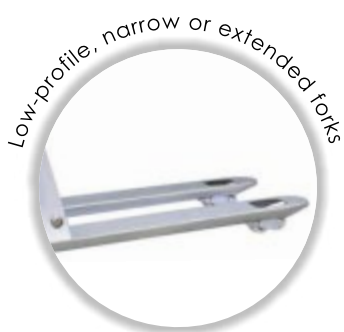
Cast stainless steel hydraulic jack:
- Hygienic leak-proof design
- Overload protection valve
- Maintenance free to 60,000 cycles

Large-diameter nylon steered wheels, easy to move, even on rough surfaces

Low service weight

Dual rollers for smooth jam-free travel

“With a sealed, leak-proof hydraulic jack and low-viscosity oil, the Quiktruk SS2502 is suitable for extreme-temperature environments”





Manual

Maximum speed



2500kg

Standard rated load capacity



85-200mm

Fork travel



12 strokes

Number of strokes required on hydraulic jack to raise forks to maximum elevation



No battery

Standard battery specifications

The Quiktruk SS Series is a range of stainless steel pallet jacks from Simpro, with lifting capacities up to 2500kg.

Featuring seamless welded construction and a polished finish, Quiktruk SS pallet jacks are both corrosion-resistant and very easy to clean. They are ideal for hygiene-critical applications in industries such as food processing, dairy, beverages, chemicals, pharmaceuticals and cold logistics.

All Quiktruks are equipped with a sealed, leak-proof hydraulic jack and low-viscosity oil, allowing them to be used in extreme-temperature environments, such as freezers and coolrooms.

The lowered fork height of 85mm is suitable for most pallets and crates. Large nylon steered wheels and a lightweight design ensure the jacks are easy to move and very manoeuvrable, with a full turning radius of around 1.2 metres.

Like all Quiktruk pallet jacks, the SS Series complies with a range of international standards including ISO 3691, and is manufactured in an ISO 9000 certified plant.



| Model | Scales | Capacity | Materials | Fork dimensions | Hydraulic jack | Battery | Height | Length | Width | Weight |
|---------|-------------|---------------|---|---|--|-------------|------------------------------|---------------|--------------|--------------|
| SS2502 | No | 2500kg | 304 stainless steel with polished finish | 1150mm L x 160mm W x 45mm H (lowered fork height 85mm) | 12-stroke sealed hydraulic jack | None | 490mm-1224mm (tiller) | 1533mm | 550mm | ~85kg |
| SS2002S | Yes (±0.1%) | 2000kg | | | | Lead-Acid | | | 570mm | ~130kg |

Standard or recommended specifications are printed in **bold**.



Options & Accessories



Standards & Compliance

All Simpro machines can be specified to meet international standards for machinery safety, including ISO 12100 and AS/NZS4024 up to Cat4/PLd. This may involve additional features such as a programmable control unit, Emergency Stop buttons and updated circuitry.



Compressed Air Power

Machines that are to be used in hazardous or explosive environments may be supplied with a compressed-air power system, eliminating potential ignition hazards. A compressed-air supply of 0.7MPa or more is required.



Custom Cradles

A range of custom cradles and attachments are available to allow handling virtually any commercially-available bin, box, drum, carton, crate, mixing bowl or container, up to maximum dimensions of 1200x1200x1200mm.



Custom Doors

Machines with cage guarding can be supplied with a left-hinge door, right-hinge door, swing-up door or roller door. Swing-up doors and roller doors take up less space, but are more complex and may require additional maintenance.



Custom Tipping Chutes

Frame-mounted tipping chutes are available for operation where the machine cannot be placed right against the skip or hopper. The chutes are easily attached, and can be folded up out of the way when not in use.

316 Grade Steel Construction

All machines can be fully or partially constructed from 316 grade stainless steel, with molybdenum alloys for additional corrosion resistance, suitable for use in extremely acidic or basic environments.

Corrosion-resistant fittings and lifting chains are also available.



Polycarbonate Guarding Panels

Unbreakable transparent polycarbonate guarding can be supplied in place of the standard mesh guarding.

A polycarbonate operator guard panel (splash shield) can also be fitted adjacent to the controls, to protect the operator when tipping liquids.



Auto-Cycle Operation

Machines with cage guarding may be supplied with an auto-cycle controller, allowing the operator to move away while tipping.

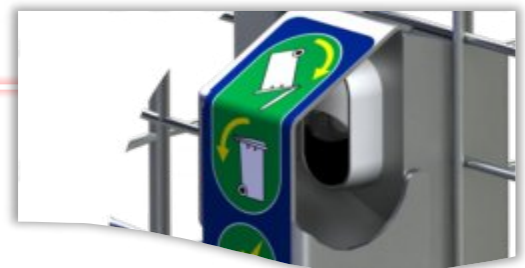
A digital control unit (PLC) is also available, allowing complex programmable behaviours.



Custom Controls

Operator controls can be fitted anywhere on the machine, on pendants, or in remote locations, to suit layout, productivity or safety requirements.


Dual-hand controls are available, to prevent operators from carrying out other interactions while using the machine.



Other Options

- Digital scales: accurately weigh product as it is lifted.
- Custom guards: foot-guard panels, front-guard panels, etc.
- Custom design and engineering: solutions for unique bin lifting and tipping requirements.



 Simpro has been developing and manufacturing materials handling solutions for over thirty years. From humble beginnings as a small engineering firm in Auckland, New Zealand, the company has grown to become a leading supplier of handling equipment for niche applications – such as bin lifting, tipping and handling equipment, pallet trucks and materials handling elevators.


Simpro products play an unobtrusive but essential role for thousands of companies around the world, in industries as diverse as waste


management, food processing, resource extraction and pharmaceutical manufacturing. They are available through a network of agents which spans the globe, and are backed by a sophisticated in-house design and fabrication capability.

Simpro is a family-owned company, registered with the New Zealand Companies Office as Simpro Handling Equipment Ltd, company no. 1827916.


The products in this catalogue contain intellectual property, including design elements registered to or licensed by Simpro Handling Equipment Ltd.


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