



# Partswasher and Workshop Solutions

COMMERCIAL



## Partswashers

Companies need assurance that their machinery, including trucks and equipment, will be maintained to operate efficiently. A partswashing solution gives peace of mind that parts and components will be cleaned effectively while maximising operational efficiency.

## Workshop Waste

New Zealand's environmental legislation specifies that waste management is the responsibility of the business that produces it.

### These responsibilities include:

- Assessing and classifying waste.
- Utilising a licensed waste transporter.
- Ensuring the waste is processed legally and that correct documentation is completed.

Waste Management Technical Services (WMTS) offer proven programmes that take the hassle out of waste management so you can focus on your business while knowing you have a solution in place. We can ensure your business remains compliant as we know and understand the strict environmental and safety regulations. We will also work with you to increase your resource recovery efforts.

### Waste Management Technical Services has certification for:

- ISO 9001 Quality Management Systems
- ISO 14001 Environmental Management Systems
- AS/NZS 4801 Occupational Health and Safety Management Systems

## The Partswasher Solution

Partswashers are used in manufacturing and servicing where they are designed to clean and degrease small or large parts in preparation for use.

They are designed to help reduce costs, increase productivity and improve health and safety.

Partswashers play an important part in maintaining machines for essential industries like forestry, aviation, civil construction and infrastructure.

WMTS has a full range of partswashers to cater to all sizes of mechanical workshops. Our partswashers are used throughout New Zealand, from small mechanical workshops through to large industrial sites.

The Aquawash water based unit is ideal for cleaning small components while the Eziwash solvent based manual units are ideal for all types of automotive and mechanical workshops. The larger automatic Turbowash water based units are ideal for workshops with larger components.



**Our Turbowash units are fully automatic and help increase productivity and reduce costs. Turbowash units are powerful cleaning machines with a range of sizes to suit all types of workshops. They are water based and ensure a high quality environmental standard for your workshop cleaning.**

### Turbowash features and benefits:

- **Increased productivity:** Automatic operation frees staff up to work on other tasks with the potential to reduce costs.
- **Improved protection:** Automatic operation eliminates the risks involved with manual cleaning methods.
- **Improved cleaning and protection:** Parts are cleaned of oil, grease and grime quickly.
- **Fully maintained lease:** WMTS offer a full Turbowash service where maintenance cleaning and waste product removal are provided.

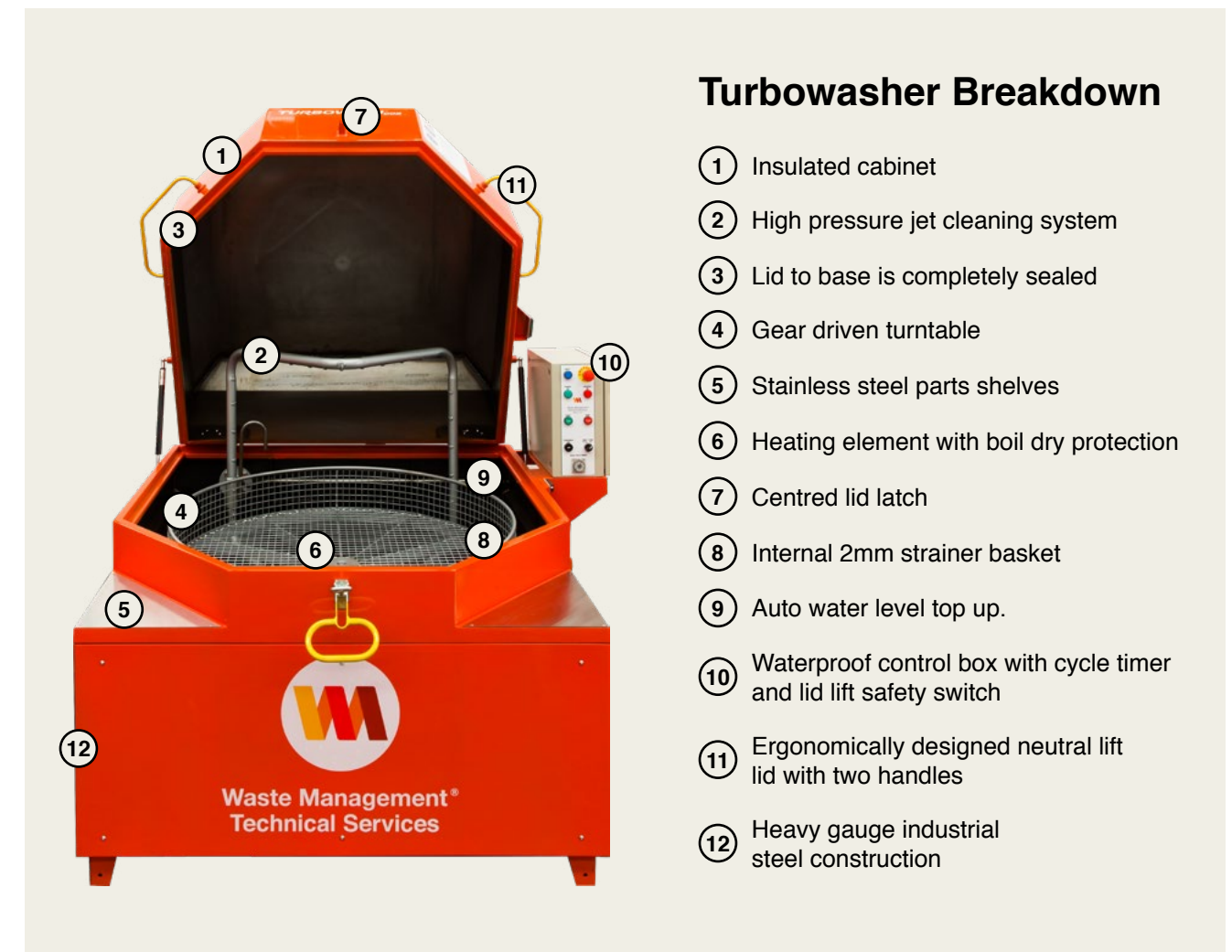
### Small / Medium Turbowash: TW1 / TW2 / TW3

These strong robust units are fully mobile, ensuring flexibility. They are ideal for automotive servicing, car dealerships, light industrial applications and anyone using machines for manufacturing and food processing.

### Large / Heavy duty Turbowash: TW4 / TW5 / TW6

Larger units are strong gear driven machines and ideal for heavy industrial applications that involves trucks, buses, heavy equipment and jet engines.

The TW5 and TW6 have a vault door that allows for easy access when loading equipment using overhead cranes. They have a waterproof electrical control box with electronic thermostat temperature control and a variable wash cycle timer. There is also a seven day timer for heater elements.



## Turbowasher Breakdown

- ① Insulated cabinet
- ② High pressure jet cleaning system
- ③ Lid to base is completely sealed
- ④ Gear driven turntable
- ⑤ Stainless steel parts shelves
- ⑥ Heating element with boil dry protection
- ⑦ Centred lid latch
- ⑧ Internal 2mm strainer basket
- ⑨ Auto water level top up.
- ⑩ Waterproof control box with cycle timer and lid lift safety switch
- ⑪ Ergonomically designed neutral lift lid with two handles
- ⑫ Heavy gauge industrial steel construction

# Turbowasher Specifications



<b>Model</b>	TW1	<b>Output Pressure</b>	310kpa
<b>External Dimensions</b>	(w) 730mm x (d) 860mm x (h) 1205mm	<b>Output Volume</b>	150 litres/min
<b>Cleaning Area</b>	(d) 520mm x (h) 720mm	<b>Amperes</b>	10.0/9.3A
<b>Turntable Size</b>	520mm	<b>Elements Heating</b>	2.4kw x 1
<b>Internal Height Clearance</b>	720mm	<b>Load Capacity</b>	250kgs
<b>Tank Capacity</b>	75 litres	<b>Power Provision</b>	Single Phase 240 volt / 10 AMP
<b>Pump Motor</b>	1.5kw		



<b>Model</b>	TW2	<b>Output Pressure</b>	250kpa
<b>External Dimensions</b>	(w) 1170mm x (d) 1250mm x (h) 1120mm	<b>Output Volume</b>	275 litres/min
<b>Cleaning Area</b>	(d) 800mm x (h) 470mm	<b>Amperes</b>	20A
<b>Turntable Size</b>	800mm	<b>Elements Heating</b>	2.4kw x 3
<b>Internal Height Clearance</b>	470mm	<b>Load Capacity</b>	250kgs
<b>Tank Capacity</b>	120 litres	<b>Power Provision</b>	Three Phase 415 volt (4 pin plug) 20 AMP
<b>Pump Motor</b>	2.2kw		



<b>Model</b>	TW3	<b>Output Pressure</b>	350kpa
<b>External Dimensions</b>	(w) 1550mm x (d) 1650mm x (h) 1300mm	<b>Output Volume</b>	325 litres/min
<b>Cleaning Area</b>	(d) 1100mm x (h) 630mm	<b>Amperes</b>	20A
<b>Turntable Size</b>	1100mm	<b>Elements Heating</b>	2.4kw x 3
<b>Internal Height Clearance</b>	630mm	<b>Load Capacity</b>	750kgs
<b>Tank Capacity</b>	250 litres	<b>Power Provision</b>	Three Phase 415 volt (4 pin plug) 20 AMP
<b>Pump Motor</b>	4kw		



<b>Model</b>	TW4	<b>Output Pressure</b>	400kpa
<b>External Dimensions</b>	(w) 1940mm x (d) 1990mm x (h) 1360mm	<b>Output Volume</b>	350 litres/min
<b>Cleaning Area</b>	(d) 1400mm x (h) 660mm	<b>Amperes</b>	32A
<b>Turntable Size</b>	1400mm	<b>Elements Heating</b>	3.6kw x 3
<b>Internal Height Clearance</b>	660mm	<b>Load Capacity</b>	1000kgs
<b>Tank Capacity</b>	300 litres	<b>Power Provision</b>	Three Phase 415 volt (4 pin plug) 32 AMP
<b>Pump Motor</b>	5.5kw		



<b>Model</b>	TW5	<b>Pump Motor</b>	5.5kw
<b>External Dimensions</b>	(w) 1900mm x (d) 1950mm x (h) 1900mm	<b>Output Pressure</b>	420kpa
<b>Cleaning Area</b>	(d) 1400mm x (h) 900mm	<b>Output Volume</b>	370 litres/min
<b>With Door Open</b>	2650mm	<b>Amperes</b>	32A
<b>Turntable Size</b>	1400mm	<b>Elements Heating</b>	3.6kw x 3
<b>Internal Height Clearance</b>	900mm	<b>Load Capacity</b>	1000kgs
<b>Tank Capacity</b>	300 litres	<b>Power Provision</b>	Three Phase 415 volt (4 pin plug) 32 AMP



<b>Model</b>	TW6	<b>Pump Motor</b>	5.5kw
<b>External Dimensions</b>	(w) 2550mm x (d) 2350mm x (h) 2250mm	<b>Output Pressure</b>	420kpa
<b>Cleaning Area</b>	(d) 1600mm x (h) 1200mm	<b>Output Volume</b>	370 litres/min
<b>With Door Open</b>	2950mm	<b>Amperes</b>	32A
<b>Turntable Size</b>	1600mm	<b>Elements Heating</b>	3.6kw x 3
<b>Internal Height Clearance</b>	1200mm	<b>Load Capacity</b>	2000kgs
<b>Tank Capacity</b>	400 litres	<b>Power Provision</b>	Three Phase 415 volt (4 pin plug) 32 AMP

# eziWASH™

The Eziwash partwashers are ideal for all types of automotive and mechanical workshops. The units use a high flash point solvent which assists with safety above 60°C. WMTS helps ensure the correct handling, transportation and documentation regarding the supply and removal of solvent for your Eziwash partwasher.

## Eziwash features and benefits:

- **Durability:** Constructed from 16 gauge rolled cold steel.
- **Height:** Sinks are set at bench height for easy access ensuring that lifting and washing heavy parts is completed safely.
- **Safety:** Cover closes in case of fire. The unit has a double pole protected safety switch. Thermal overload protects the pump from overheating.
- **Stability:** Centrally located on the drum.

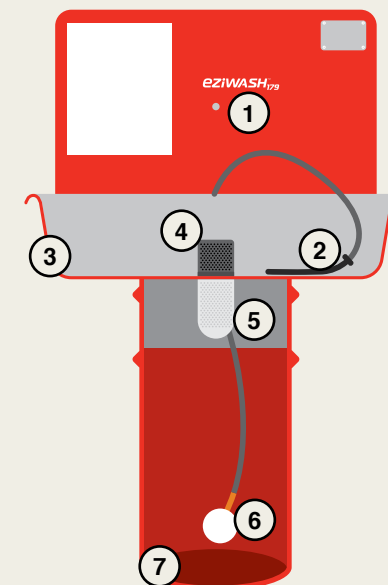
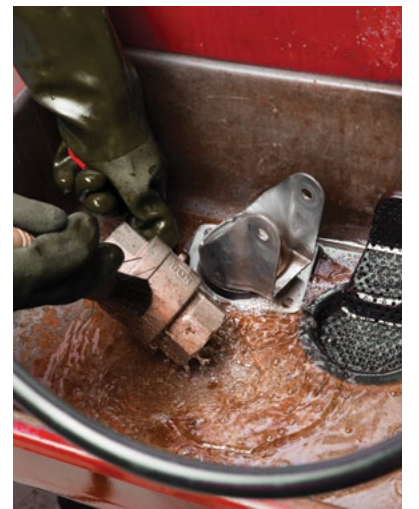
# Eziwasher Specifications



<b>Model</b>	179
<b>Sink Dimensions</b>	(w) 780mm x (d) 510mm x (h) 190mm
<b>Solvent Capacity</b>	25 litres
<b>Power Source</b>	240 volts
<b>Switch</b>	Double pole
<b>Safety Link</b>	Yes



<b>Model</b>	309
<b>Sink Dimensions</b>	(w) 910mm x (d) 600mm x (h) 200mm
<b>Solvent Capacity</b>	50 litres
<b>Power Source</b>	240 volts
<b>Switch</b>	Double pole
<b>Safety Link</b>	Yes



## Eziwasher Breakdown

- ① Safety cover fusible link melts at 70°C. Cover closes if fire occurs.
- ② Flexible solvent hose directs solvent where you want it.
- ③ Rugged steel construction with durable red finish. Sink is bench height for easy access.
- ④ Removable drain basket catches small parts, strains out coarse dirt.
- ⑤ Replaceable fine mesh filter traps small particles and keeps solvent clean. Cleaned at each service.
- ⑥ Screened circulating pump provides continuous solvent circulation. Electric motor is hermetically sealed.
- ⑦ Supply of clean recycled safety solvent for the efficient degreasing of parts.

NB: 1. All units require access to an air pressure line and water hose for servicing. Machine operating temperature is 80° Celsius.  
2. For water connection for TW3 - TW6 it is recommended that the unit is plumbed in for the operation of the automatic water filler feature.



The Aquawash manual water based partwasher delivers surface cleaning performance via a flow through brush. This allows the operator to target the cleaning power where it is needed most. Ideally suited for use with smaller components and where inspection while cleaning is important. The Aquawash unit is used for light to medium cleaning of parts across manufacturing and maintenance applications.

### Aquawash features and benefits:

- **Efficient flow:** Flow-through brush directs cleaning solution onto parts, sweeping away loosened soils.
- **Cleaning and drying:** Heated detergent reservoir delivers fast, effective cleaning and aids drying.
- **Unique water based detergent formulation:** Effective on a wide range of soils, containing a powerful corrosion inhibitor to prevent flash rusting. The water based solution is food safe.
- **Economical:** Re-circulating fluid system prolongs fluid life and makes cleaning easy.
- **Versatility:** Option to use as a soak tank.
- **Safety:** Foot pedal operation leaves both hands free for cleaning.
- **Non-Hazardous:** High performing detergent is not classified as hazardous and is non-flammable for increased safety.
- **Food manufacturing option:** Available as a food grade detergent option for use by food manufacturing industries including dairy.

## Aquawasher Specifications



<b>Model</b>	M100
<b>External Dimensions</b>	(w) 825mm x (d) 640mm x (h) 1100mm
<b>Usable Dimensions</b>	(w) 800mm x (d) 570mm x (h) 90mm
<b>Max Load</b>	50kgs
<b>Power Requirements</b>	230-240 / 10A
<b>Sump Capacity</b>	60 litres
<b>Operating Temperature</b>	45° Celsius



## The Workshop Solution

We understand workshops create a large amount of waste from empty drums through to waste oil. It all needs to be managed efficiently and carefully.

### Our workshop solutions:

- **Storage and containment solutions:** We have a range that offers a one stop solution.
- **Disposal and recovery:** Waste is disposed of at certified Waste Management facilities which utilise technology that optimises resource recovery wherever possible.
- **Environmental compliance:** We will help make sure you comply with up to date environmental requirements.

### Types of workshop wastes we collect:

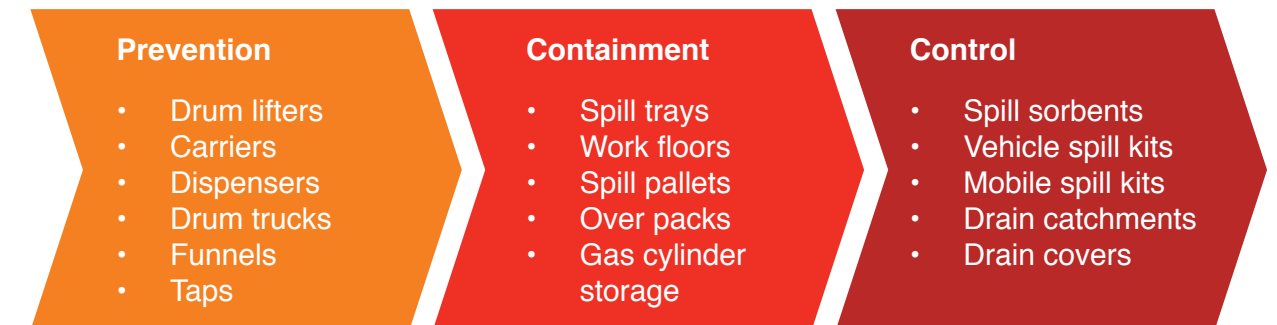
- Oil filters and rags
- Empty drums and containers
- Absorbent, partwasher solvent and oil waste
- Coolant and brake fluid
- Waste paint (solvent and water based)

Contact WMTS for the range of workshop waste options or to book a time for collection.

## Spill Response

Industrial spills are a very real challenge for businesses throughout New Zealand. They can cause health and safety issues, loss of valuable products, potential production downtime and the need to deal with the problem efficiently.

The WMTS spill response solution has a range of products that covers the three principles of Prevention, Containment and Control.



### Spill Kits

WMTS provide a simple one-stop spill kit programme. This programme ensures your spill kits are regularly inspected and kept at an action ready status.



Example: 20 litre vehicle spill kit. Other sizes available on request.



NB: Some Workshop and Spill response solutions are only available in selected regions, call us for availability in your area.

## Contact us:

### Waste Management Technical Services

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