



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.

WM 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.

WM 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.

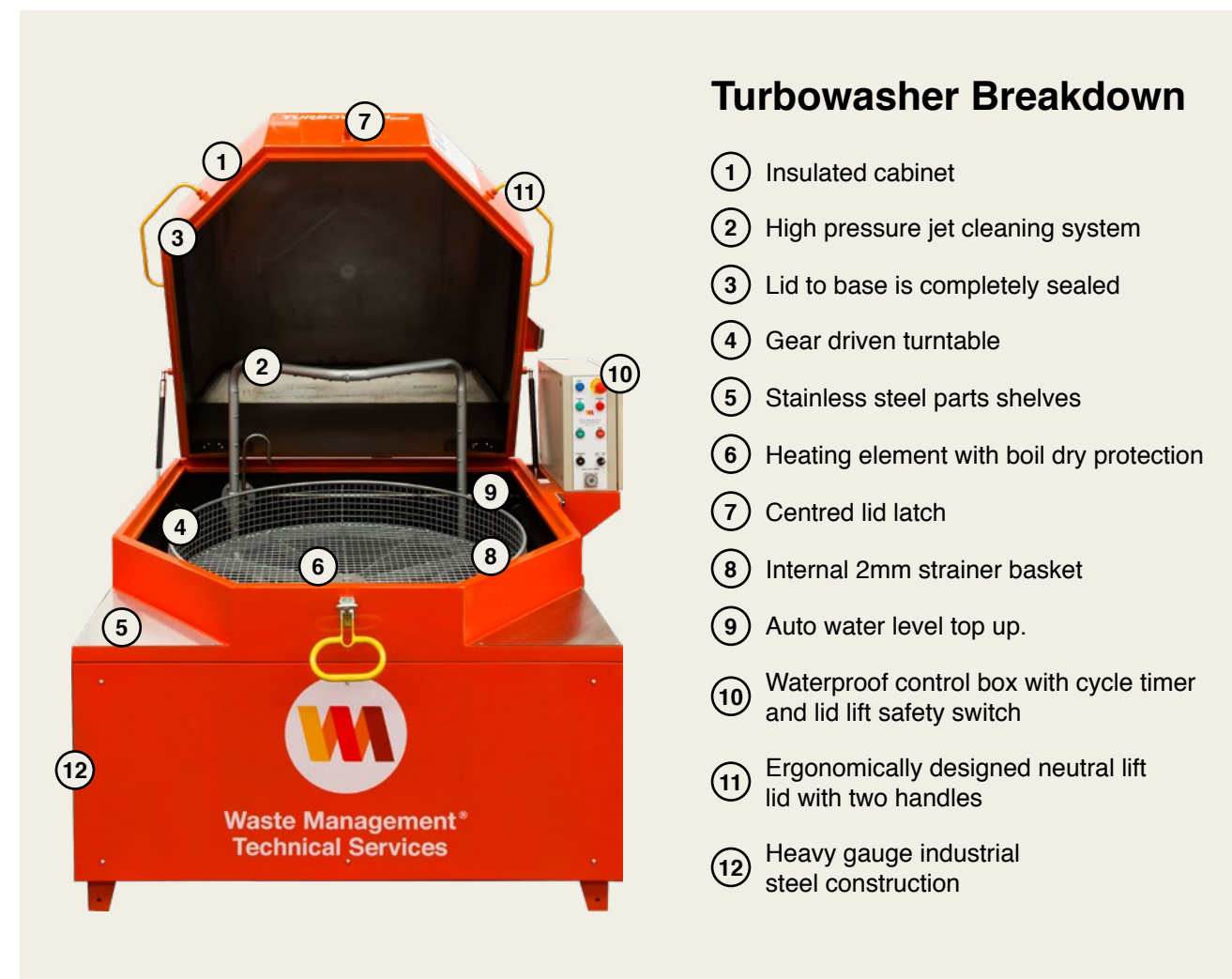
Small / Medium Turbowash: TW1 / TW2 / TW3

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



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



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



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



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



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



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

eziWASH™

The Eziiwash 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 Eziiwash partwasher.

Eziiwash 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.

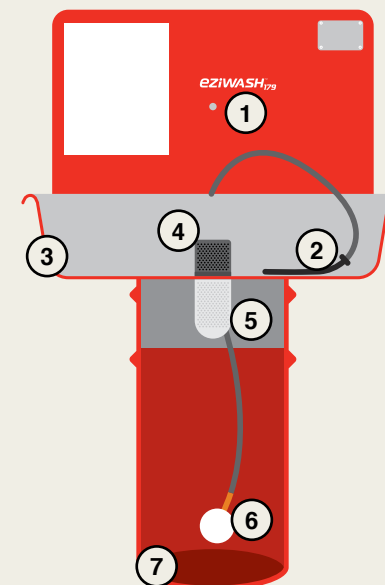
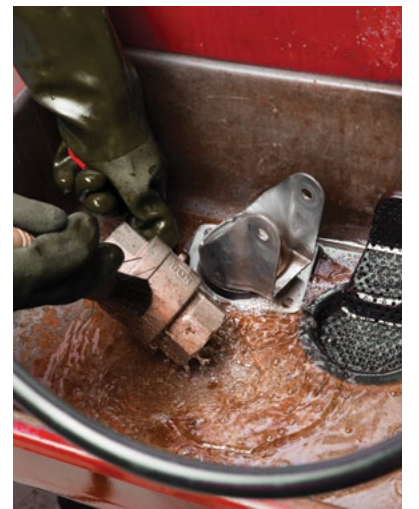
Eziiwasher Specifications



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



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



Eziiwasher 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



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

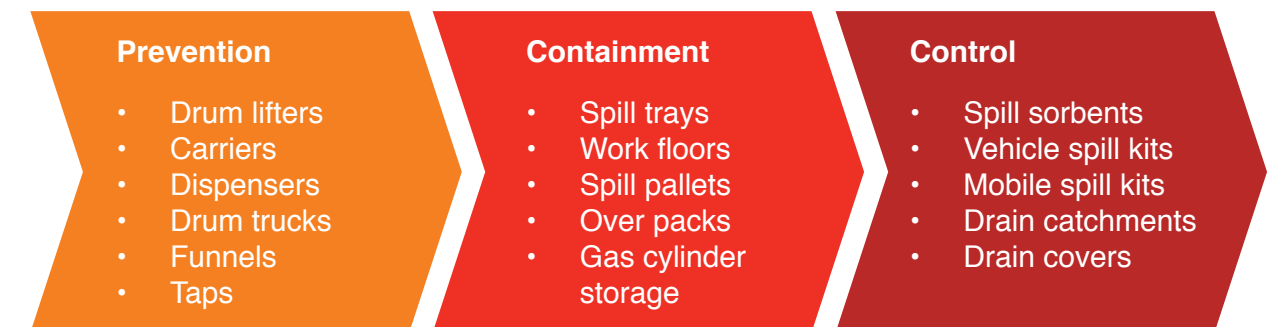
- Oil filters and rags
- Empty drums and containers
- Absorbent, partwasher solvent and oil waste
- Coolant and brake fluid
- Waste paint (solvent and water based)

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.

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