Developed for the aerospace, defense, medical and other precision industries where the manufacture of complex and intricate machined or pressed parts require very high standards of cleaning, surface finish and drying. The AVD removes all types of contamination such as soluble and mineral oils or greases, polishing compounds, lapping pastes and NDH dopants from precision alloys and other materials.

**AVD 300**

**COMPACT HIGH PERFORMANCE**

- The AVD 300 is a new compact version of the proven Midi & Maxi systems
- Very high quality cleaning and drying of precision engineering components
- Compact design for location in small volume high precision machining cells
- High-temperature variant (cleaning at over 100°C) for really tough contaminants

**AQUA-SAVE**

**CONTINUOUS SOLUTION RECYCLING**

The MecWash Aqua-Save wash water recycling system can be added to any aqueous wash system to sustain pristine wash and rinse quality and greatly reduce the need for water changes and hence effluent disposal. The Aqua-Save maintains optimum process performance, reduces downtime and satisfies environmental demands for recycling and waste reduction.

- Up to 95% reduction in disposal costs
- Range recycles 15 – 50 litres per hour
- Wash water, waste coolants & general wash water all treated
- ECA allowance eligible

**SYSTEM SELECTION CHART**

<table>
<thead>
<tr>
<th>System</th>
<th>Solo Midi AVD</th>
<th>Solo Midi DUO</th>
<th>Solo 300</th>
<th>Solo 400</th>
<th>Solo 600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultrasonic Wash</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
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<tr>
<td>Flood Wash</td>
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<tr>
<td>Spray Wash</td>
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<td>Ultrasonic Rinse</td>
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<tr>
<td>Spray Rinse</td>
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<tr>
<td>Mist Spray Rinse</td>
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<tr>
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<tr>
<td>Vacuum Dry</td>
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<td>Single Direction Fixed Speed Rotation</td>
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<tr>
<td>Both Direction Variable Speed Rotation</td>
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<td>Wash Bag Filter</td>
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<td>Oil Skimmer</td>
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<td>Oil Separator</td>
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<tr>
<td>Air/Steam Condenser</td>
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<tr>
<td>Automatic/Manual Loading Unloading</td>
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<tr>
<td>Manual/Automatic Load Tables or Roller Conveyors</td>
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<tr>
<td>Allen Bradley PLC/Operator Interface Display</td>
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</tr>
</tbody>
</table>

**THE CHOICE OF THE WORLD’S LEADING ENGINEERS**

MecWash Systems are supplied and supported around the world, either direct from the UK, or through a network of agents and distributors, with installations in the USA, Mexico, China, India, Thailand, Indonesia, Australia and throughout Europe. Customers include Rolls Royce, TRW, Delphi, JCB, Parker Hydraulics, Perkin, Goodrich, Palfinger, Bombardier and Triumph Motorcycles. These blue chip companies are not only leading organisations within their fields, they are also part of a track record of which we are proud. It is our deep knowledge of the process, chemistry and technology of aqueous component cleaning which provides value, tangible benefits that our customers world-wide readily acknowledge.

**HIGH PERFORMANCE AQUEOUS COMPONENT CLEANING**

**MECWASH SYSTEMS LIMITED**

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Fax +44 (0) 1684 271601

Email enquiries@mecwash.co.uk
Web site www.mecwash.co.uk
OTHER ENGINEERING COMPONENTS. OUR RANGE OF SYSTEMS MACHINED CASTINGS, PRESSINGS AND EXTRUSIONS AND MANY MECWASH SYSTEMS ARE USED TO CLEAN TURNED PARTS, Ultrasonics can be specified to assist the to side.

can also be gently oscillated from side and drying. Parts with simple geometries solutions and provides effective draining recesses and galleries to the process or complex parts in specialised fixtures.

Full rotation of the workload exposes or complex parts in specialised fixtures. Our machines are challenging applications. Our machines are detergent to ensure the perfect finish in automotive, defence, medical, motorsport serves many of the leading names in general engineering.

MecWash apply very high volumes of water and general engineering.

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SOLVENT FREE • SMALL FOOTPRINT • HIGHLY Versatile

GENERAL PURPOSE WASHING, RINSING & DRYING

The Duo System is a natural progression of the established Solo system. The Duo has the added benefit of flood/sprayed washing, which provides higher standards of cleaning by adding a flood solution contact with all component surfaces, and re-circulating heated spray rinse, which provides higher standards of surface finish by removing detergent residues left by the wash solution. The Duo may also be used to apply a longer term corrosion inhibitor for ferrous components. All finished off with a hot air dry.

• Highly versatile aqueous cleaning systems, suits both large components and dense baskets of small parts
• Final wash quality with intermediate wash cost
• Precision cleaning, but footprint small enough for a site
• Optima integrated air expander and steam/steam

INTER-STAGE WASHING & DRYING SYSTEMS

Developed to satisfy the needs of inter-stage, in-cell and in some cases final cleaning of machined components to high standards. The Solo system is supplied in three sizes, all of which provide rotational washing, mist rinsing and hot air drying in a very compact footprint, saving valuable floor space. The Solo for superfast traditional tank washes, rotary basket and barrel washers for cleanliness and effective drying.

• Effective removal of preservative sites, machining lubricants, metal swarf and chips from machined components
• Fully enclosed - no Fear s and explosion hazards
• Rotational high volume spring washing, mist rinsing and hot air drying
• Very compact footprint, saving valuable floor space
• Over 280 Solo Systems have been supplied to customers around the world

SOLO

DUO

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