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### E-Mail

[enquires@ctsautomation.com](mailto:enquires@ctsautomation.com)  
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Affordable cost  
effective Robotics  
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135 A Duke Street  
Fenton  
Stoke on Trent  
ST4 3NR



CTS AUTOMATION Ltd



CTS AUTOMATION LTD

## Fully Automated Wash-Plants

Cost Effective Innovative Solutions



TEL/FAX: +44(0)800 014 8049

# A World Of Automation

## Wash-plant Technology

Introducing our range of wash plants to suit any environments within any industry sector.



Engineering parts washing, component de-lubrication and pharmaceutical cleaning. Tried and tested in Aqueous,

chemical and combinations of wet and dry applications. **Modular construction** to fa-

facilitate any number of tanks with automated load and unload stations. All systems are controlled by PLC programs with the latest



touch screen technology to facilitate any type of wash cycle. Graphical display to show all condition monitoring with early start, real time clock function to warm the plant prior to shift start times. Full SPC with

temperature control is standard. Cycle times and wash patterns are fully adjustable.



## Ultrasonic Cleaning options.

For high quality, cost effective cleaning solutions ultrasonic controllers can be fitted to any tank. This option can be selectable from the HMI. All



units fitted are **stainless steel as standard**. Controllers are supplied as a plug in option as illustrated. Each tank has its own controller to improve maintainability. Liquid is Recirculated or drained using the latest chemical pumps. Water



or chemicals are automatically fed into tanks to replenish tank contents. Twin filters fitted to each tank are monitored by pressure indicators with feed back to

notify operators when they require changing. All tanks have dunk carriers to assist cleaning operations. This unique system agitates the components within the liquid to assist the ultrasonic cleaning. Air knives are fitted above the water line to assist drying and reduce dripping. Anti cross contamination drip guides roll back liquids into tank origin. The **PLC controlled handling system** automatically collects and precisely places all baskets to each dunker.

Dunkers lower and raise components in and out of each tank automatically.



Handling system positions are set and controlled by system proximity dog switches to give repeatability. The powerful brake motors are Inverter controlled for a smooth delivery.

## Enquiry Form

Requirement or project description

Parts washing

- only
- Product related
- Design / Development

Ultrasonic

- All tanks
- Some tanks
- None

Temperature

- Heat
- Cooling
- Chillier and Evaporation Plates

Drying

- Separate tank
- None Just drip time

Chemicals (Type)

- .....

Comments:

Name

Address

Phone



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**Fax: ++44(0)800 014 8049**

**Email: Enquires@ctsautomation.com**