



dishwashing & glasswashing operational training manual

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operational procedures

getting ready

BEFORE SWITCHING THE MACHINE ON – CHECK:

- Machine is empty
- Wash tank(s) are clean
- Filters/strainers (and curtains if applicable) are in position
- Wash arms and jets are fully located
- Rinse arms are in position
- Drain plug is located if fitted as model dependant
- Detergent and Rinse Aid containers are full

filling the machine

- Check machine is ready for filling
- Make sure water supply is switched on
- If machine has external softener, check taps are in working position
- Close door(s)
- Switch on at wall isolator
- Switch machine on (filling will commence)
- Wait for machine to reach operating temperature

The machine is now ready to wash

washing procedure

- Always load rack correctly
- Select the correct wash cycle –
 appropriate for the items being washed
- Slide rack into glass/dishwasher
- Close door/hood
- Press START CYCLE button (if appropriate) cycle will commence
- Allow washing to commence
- Allow full cycle to complete
- Once rack has been removed from the machine, allow time for drying before stacking

NB. Always allow the machine to automatically complete the full washing process

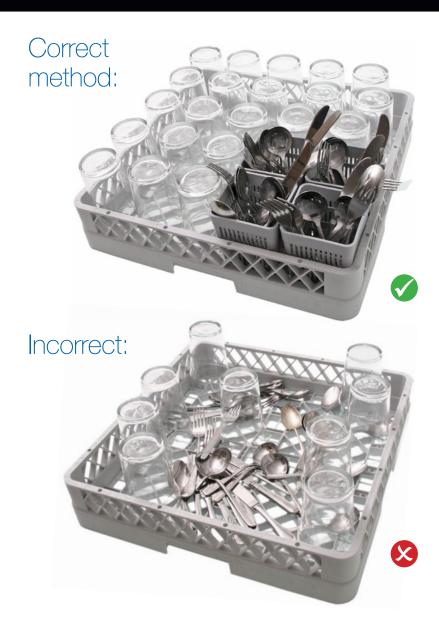
Never interrupt the wash program

Never forcibly increase the rack throughput on tunnel machines

washing plates



washing cutlery



pre-rinsing

Always pre-spray crockery prior to washing to remove excess soil



washing glassware





Never towel dry



basic trouble shootingpoor glass results

Problem Cause/Solution Lipstick not Not enough detergent, blocked filters/jets being removed Wash temperature incorrect Insufficient Rinse Aid **Poor Drying** Glasses require "Renovating" Water temperature incorrect **Excessive** Lack of detergent foaming Contamination from hand washing detergent Too much Rinse Aid Streaking High level of "Minerals/Salts" in the rinse water Protein or Fabric film on Glass (Towel Drying) Condensation Glasses require "Renovating" • Protein/Beer film – Poor Washing or lack of Detergent **Brown Film** Glasses require "Renovating" Beige or Yeast/Bacteria build up Black film · Leave the machine door open overnight in Machine "Renovation" Process will also clean machine Algae contamination from water supply Pink film inside Leave the machine door open overnight Machine "Renovation" Process will also clean machine Frosted effect Too much Caustic detergent or temperatures (Etching) too high

upon completion of service

- Switch off machine and main isolator
- Open doors and drain machine
- Remove filters/strainer, (strainer baskets, curtains if applicable) and clean
- Check wash jets and clear if necessary
- Remove all food debris from tank
- Clean the wash tank
- Replace all removable items
- Leave doors ajar or open to allow the machine to air dry

basic trouble shooting guide

Problem	Cause/Solution	Problem	Cause/Solution			
Machine is not working	 Switch on wall isolator Switch on machine 	Machine starts to wash then stops	Check door is fully closed			
(no power)	 Check emergency stop buttons (if applicable) are pushed in 		 Check water level in the wash tank (blocked plug) 			
Machine will not stop filling	Check drain plug is in position	Water spraying	 Check drain plug is not blocked Check drain filter is clear (if fitted) 			
Lights on machine are flashing once filling and heating is completed	Check drain plug is in position	from the door	 Check wash arms are fitted correctly Check wash jets are in position and not missing Check waste outlet is not blocked 			
Machine will not fill	Check machine is switched on at isolator	Machine will not stop washing	Check cycle button is working			
	Check machine is switched on	Machine is noisy	Check filters for food or blockage			
	 Check emergency stop buttons (if any) are not pushed in Call the Manager to check power supply 	Machine will not drain	Check drain is not blockedCheck waste outlet hose is not kinked			
	Close door(s)Check water supply to the machineCheck for kinked hoses	Machine is leaking onto floor	 Check detergent feed pipe into machine if leaking call chemical supplier Check waste hose is sited correctly 			

detergent check list

- Always observe safety instructions
- Never mix chemicals
- Always ensure feed tubes are correctly placed in containers
- Always ensure that there is sufficient chemical for the service period
- Always observe Coshh regulations

to achieve optimum results

Ensure:

- Chemical containers are full
- Wash and rinse jets are clear and not blocked
- Filters/strainers are clear
- Water softener has been recently regenerated
- Wash tank water is changed regularly
- Excess food soil is removed prior to washing
- Items are racked correctly



hot tips

- Always allow the machine to automatically complete the full wash cycle
- **Never** interrupt the wash programme
- **Never** force rack through tunnel machine
- Always pre-scrape crockery prior to putting in machine – this will reduce detergent costs
- Never Towel Dry Towels are washed in fabric conditioner and this causes the glasses not to dry and effects beer quality
- Leave the door open or ajar overnight to allow the machine to air dry – this will stop bacteria build up

 Ensure all filters are fitted in machine and cleaned daily

please remember:

 If the strainers / filters are not in place and a teaspoon gets into the wash pump the cost of a new pump could be over £600

THAT'S THROWING AWAY THE PROFIT ON:

- 80 Restaurant covers sold or
- 500 pints of Lager sold



staff training record



Operators Name (print)	Position	Signature	Getting Machine Ready	Filling the Machine	Washing Programme	Cleaning Down	Trouble Shooting	Chemical Handling	Date	Trainer's Initials
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