



PRESENTS

**HOW TO:
DELIME A DUMP & FILL DISH MACHINE**

OBJECTIVES

TO PROVIDE INFORMATION THAT WILL LEAD TO:

- IMPROVED DISH MACHINE DELIMITING PROCEDURES
- CLEANER DISHES
- DECREASED CHEMICAL CONSUMPTION
- DECREASED CHEMICAL EXPENSE
- MORE ECONOMICAL DISH MACHINE OPERATION



BENEFITS OF A CLEAN DISH MACHINE

IN A POLL CONDUCTED BY HARRIS INTERACTIVE IT WAS FOUND THAT:

- 86% OF CONSUMERS WOULD NOT RETURN TO A FOOD SERVICE ESTABLISHMENT WITH UNCLEAR DISHWARE

BENEFITS OF KEEPING A CLEAN DISH MACHINE INCLUDE:

- REDUCED CHEMICAL CONSUMPTION
- REDUCED CHEMICAL EXPENSE
- MORE ECONOMICAL DISH MACHINE OPERATION
- CLEANER DISHES
- EXTENDED LIFE OF EQUIPMENT
- CUSTOMERS ARE MORE LIKELY TO RETURN!



PREPARATION

GATHER ALL NEEDED CLEANING PRODUCTS AND EQUIPMENT

- DELIMER SOLUTION
- COLOR-CODED CLEANING TOWEL X3
- COLOR-CODED DELIMER SOLUTION BUCKET
- COLOR-CODED RINSE WATER BUCKET
- SCRUB PAD
- STAINLESS STEEL CLEANER & POLISH



SAFETY PRECAUTIONS

ONLY AUTHORIZED, TRAINED PERSONEL SHOULD BE ALLOWED TO DELIME THE DISH MACHINE DUE TO POTENTIAL HAZARDS RESULTING FROM THE COMBINATION OF CHLORINE WITH AN ACID SOLUTION

ENSURE YOU HAVE ALL THE REQUIRED PERSONAL PROTECTION EQUIPMENT (PPE)

- SEE SECTION 8 OF THE SAFETY DATA SHEET FOR DELIMER BEING USED FOR A LIST OF REQUIRED PPE'S
- SAFETY DATA SHEETS CAN BE FOUND:
 - AT YOUR FACILITIES SAFETY DATA STATION
 - OR
 - BY SCANNING THE QR CODE ON THE LABEL WITH YOUR SMART PHONE



BEGINNING THE DELIMING PROCESS

DRAIN THE DISH MACHINE

- DRAIN BY PRESSING AND HOLDING THE “DRAIN” BUTTON OR LIFTING THE DRAIN BALL FROM IT’S SEATED POSITION UNTIL DISH MACHINE IS COMPLETELY EMPTY

TURN OFF DISH MACHINE POWER

- LOCATE THE POWER SWITCH ON YOUR DISH MACHINE AND FLIP IT TO THE “OFF” POSITION

CLEAN THE INTERIOR OF THE DISH MACHINE

- REMOVE SOILS FROM THE DISH MACHINES INTERIOR USING THE T&S SPRAYER
- REMOVE AND CLEAN THE SCRAP TRAY
- REMOVE AND CLEAN THE DRAIN SCREEN
- RETURN THE SCRAP TRAY TO OPERATING POSITION
- RETURN THE DRAIN SCREEN TO OPERATING POSITION



BEGINNING THE DELIMING PROCESS

CLEANING WASH ARMS AND SPRAY JETS

- INSPECT THE WASH ARMS AND SPRAY JETS FOR OBSTRUCTIONS
- IF OBSTRUCTION IS FOUND:
 - REMOVE THE WASH ARM FROM DISH MACHINE
 - USING A TOOTHPICK, PUSH THE OBSTRUCTION FROM THE SPRAY JETS INTO THE WASH ARM
 - REMOVE THE END CAPS
 - USING THE T&S SPRAYER OR SINK, FLUSH THE OBSTRUCTION FROM THE WASH ARM
 - REPLACE THE END CAPS
 - RETURN THE WASH ARMS TO THEIR OPERATING POSITIONS



DELIMING THE DISH MACHINE INTERIOR

TURN ON DISH MACHINE POWER

- LOCATE THE POWER SWITCH ON YOUR DISH MACHINE AND FLIP IT TO THE “ON” POSITION

FILL THE DISH MACHINE ACCORDING TO THE MANUFACTURERS FILLING PROCEDURES

- MOST NEWER MACHINES HAVE A FILL BUTTON

PUT THE DISH MACHINE INTO “DELIME” MODE

- LOCATE THE DELIME SWITCH ON YOUR DISH MACHINE AND SWITCH INTO “DELIME” MODE
- SOME COMMON DELIME SWITCH LOCATIONS ARE:
 - IN THE CONTROL BOX
 - ON THE BACK OF THE CONTROL BOX
 - ON THE SIDE OF THE CONTROL BOX



DELIMING THE MACHINE

ADD DELIMER SOLUTION TO THE DISH MACHINE

- SEE LABEL FOR PROPER DILUTION RATES
- MOST DUMP & FILL DISH MACHINES HOLD 1.2-2.5 GALLONS OF WATER

START DISH MACHINE BY:

- OPENING AND CLOSING THE DOORS OR
- BY PRESSING THE START BUTTON

ALLOW THE DELIME CYCLE TO RUN FOR 10-15 MINUTES OR UNTIL THE INTERIOR SURFACES ARE CLEAN AND SHINY



DELIMING THE DISH MACHINE EXTERIOR

PREPARE DELIMER SOLUTION IN A COLOR-CODED, DELIMER SOLUTION BUCKET

- SEE LABEL FOR PROPER DILUTION RATES

APPLY DELIMER SOLUTION TO DISH MACHINE EXTERIOR

- USING A COLOR-CODED, CLEANING TOWEL APPLY THE DELIMER SOLUTION TO THE EXTERIOR OF THE DISH MACHINE FOCUSING ON AREAS WITH HEAVY SCALE BUILD UP (A CRUSTY, WHITE MATERIAL)
- ALLOW DELIMER SOLUTION AMPLE TIME TO FULLY PENETRATE THE SCALE BUILD-UP
- USING A SCRUB PAD, REMOVE THE SCALE BUILD-UP

RINSE THE DISH MACHINE EXTERIOR SURFACES

- USING A COLOR-CODED, CLEANING TOWEL AND COLOR-CODED RINSE WATER BUCKET, WIPE DOWN THE EXTERIOR OF THE DISH MACHINE USING CLEAN WATER



PROTECTING THE DISH MACHINE EXTERIOR

APPLY STAINLESS STEEL CLEANER & POLISH

- SPRAY STAINLESS STEEL CLEANER DIRECTLY ONTO SURFACE OR ONTO A CLEAN, COLOR-CODED CLEANING TOWEL
- USING A DAMP, COLOR-CODED CLEANING TOWEL WIPE THE SURFACE CLEAN
- USING A DRY, CLEAN, COLOR-CODED CLEANING TOWEL, POLISH THE SURFACE TO A BRIGHT, SPOTLESS SHINE



COMPLETING THE DELIMING PROCESS

DRAIN THE DISH MACHINE

- DRAIN BY PRESSING AND HOLDING THE “DRAIN” BUTTON OR LIFTING THE DRAIN BALL FROM IT’S SEATED POSITION UNTIL THE DISH MACHINE IS COMPLETELY EMPTY

FILL THE DISH MACHINE ACCORDING TO THE MANUFACTURERS FILLING PROCEDURES

- MOST NEWER MACHINES HAVE A FILL BUTTON

PUT YOUR DISH MACHINE INTO “RUN” MODE

- LOCATE THE DELIME SWITCH ON YOUR DISH MACHINE AND SWITCH INTO “RUN” MODE

RUN 1 CYCLE WITH NO DISHES TO ENSURE THE DISH MACHINE IS FULLY RINSED

- START MACHINE BY:
 - OPENING AND CLOSING DOORS OR
 - BY PRESSING THE START BUTTON

OPEN DOORS AND ALLOW TO AIR DRY



CLEAN UP

RINSE THE COLOR-CODED DELIMER SOLUTION AND RINSE WATER BUCKET

- THOROUGHLY RINSE THE COLOR-CODED DELIMER SOLUTION AND RINSE WATER BUCKET USING POTABLE WATER
- RETURN BUCKETS TO THE APPROPRIATE STORAGE LOCATIONS

RETURN REMAINING CLEANING EQUIPMENT AND SUPPLIES TO THEIR APPROPRIATE LOCATION



CLEANING FREQUENCY

DISH MACHINE SHOULD BE DELIMED

- WEEKLY
- AS NEEDED

CHECK FOR CLEANLINESS

- AT THE START OF SHIFT
- AFTER EACH MEAL
- AT THE END OF SHIFT

WEEKLY

AS NEEDED

START OF
SHIFT

AFTER
EACH MEAL

END OF
SHIFT

DELIMING PRODUCTS

DELIMERS

- LSR / DELIMER
- LSR / HEAVY DUTY DELIMER
- LSR / STEAM TABLE LIME SOLVENT
- LSR / DELIMER - ERP



COMPLETED

HOW TO: DELIME A DUMP & FILL DISH MACHINE

