

**DC SERIES**  
WAREWASHING SYSTEMS



**RACK CONVEYOR DISHWASHER**

# QUALITY-RELIABILITY-HIGHTECH



✓ Quality and reliability: all machines are individually tested function by function to ensure perfection.

✓ Tank, frame, panels wash and rinse arms are manufactured in stainless steel AISI 304.

✓ Double skinned outer panel construction to reduce noise levels and surface temperatures.

✓ Panorama doors spring counter balanced: to reduce operator strain.



# QUALITY-RELIABILITY-HIGHTECH

- ✓ Completely moulded tank, with round corners and with double stainless steel filters and shallow bottom tank to help water circulation inside the tank improving wash results, customers benefit from the ease of cleaning the internal tank.
- ✓ Special wash and rinse arms are manufactured in stainless steel, easy to clean designed for a very good wash and rinse result.
- ✓ Auto self draining pre-wash and wash pumps: ensure that dirt water is completely drained from pumps when the tank is drained.
- ✓ 24V electrical control circuit: for optimum end user safety.
- ✓ Fully insulated rinse water heater: minimize heat loss.
- ✓ Standard rinse energy saving device: a sensor that activates the rinse cycle only when the basket enters the conveyor



# VERSATILITY: MANY OPTIONS FOR ALL CUSTOMERS NEEDS



- ✓ Rack conveyor machines are conceived on a base of “modular construction” : pre wash , wash, rinse and double rinse modules. Machines are produced expressly on customers specifications, based on available location space and dishes hourly production needs.
- ✓ A series of options are requested as driers, steam condenser and steam extractor, heat recovery for energy and supplementary boiler in case of missing of water temperature.

# INSIDE THE MACHINE: POWER & ENERGY SAVING



- ✓ 1 Steam condenser: for exhausting steam created by the machine, water created by the thermic exchange is reused in the prewash module
- ✓ 2 Pre-wash: 55 liters tank with 1,1 kW pump
- ✓ 3 Wash: 100 liters tank with 2 kW pump
- ✓ 4 Wash: 100 liters tank with 2 kW pump
- ✓ 5 Double Rinse: the module combines a prerinse and a final rinse with a pump and a tank heater element, boilerfinal rinse water is recirculated into the prerinse tank
- ✓ 6 Drier: can be 600 mm for glasses and dishes or 900 mm module size for trays.

# The **F**IRST **S**TEP FOR A **P**ERFECT **W**ASHING **R**ESULT Is A **C**ORRECT **I**NSTALLATION



- ✓ Water quality makes the difference on washing result, mixed with detergent during the wash cycle and mixed with rinse liquid (polish) for a correct drying finish of glass and dishes.
- ✓ Water temperature during wash cycle is 55°C and 85°C during rinse cycle with an inlet water pressure between 1,5/4 bar.
- ✓ Water hardness required is rated in French degrees between 7/10°F, outside of this a water softener is recommended.
- ✓ Detergent: a good detergent must quickly dissolve in the water and create no foam during wash cycle.
- ✓ Rinse liquids eliminate calcium from glass surface helping the evaporation of water.

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