

# Linea C

professional dishwashers



designed for hygiene

## Comenda: a history of technological innovation

The founder company of the Ali group, Comenda has been synonymous with the best in professional dishwashing equipment for over 40 years. One of the industry's top players both in Europe and worldwide, Comenda manufactures and markets more than 200 dishwashing solutions, from the smallest glasswashers for bars through to large automated continuous flow systems for airports, hospitals, canteens and in-flight catering. Comenda also designs and installs customized solutions for individual space and workload specifications.



## designed for hygiene

Hygiene design takes quality beyond the dimension of product form. At Comenda, designed for hygiene means form plus technology plus functionality. Comenda's strength is its attention to every last detail, to provide superior washing solutions that comply with the severe hygiene standards required in public catering. The Linea C ensures maximum hygiene thanks to the deep-drawn "seat" tank and maximum opening and sliding capacities thanks to the hood's friction-proof guides. The re-styled control panel, with new symbols and colours, simplifies operations and maximises product safety.

# Linea C

## ergonomics and functionality

For Comenda, ergonomics means easy to use. Operating simplicity improves work procedures and guarantees personnel safety. The easy to lift, balancing with three safety springs and friction-proof guides facilitate dishwasher opening and use while still ensuring high safety levels. Even when opening the hood the user can easily continue work since steam is emitted from the rear. The 440 mm working space accommodates even the most cumbersome objects and the raised support feet permit easy floor cleaning.

## respect for the environment, respect for people

Comenda has made significant progress in limiting consumption, with a focus on sustainability that translates into respect for the environment and respect for people without sacrificing hygiene efficiency. The Linea C products keep running costs down by using less water and detergent during the wash cycle and cutting energy consumption. Low energy consumption is also ensured by the switched wash and rinse resistances to reduce installed power to a minimum. Silent machine operation and insulated panels ensure pleasant conditions in the workplace.



## service at your doorstep

Continuous contact between production and service engineers is the key to effective support whenever maintenance is required: certainly, this is one of the distinguishing characteristics of Comenda's technical assistance. An extensive network of highly skilled service engineers provides full territorial coverage. Rapid turnaround on service calls and immediate availability of spare parts complete the Comenda offer and ensure excellent quality of service.



## the models

Linea C professional dishwashers are ideal for most catering dishwashing needs.

Adjustable working capacity according to dish load and user settings. The completely programmable electronic versions let the user customise cycles according to need.

For glasses, for example, a special low-temperature cycle can be set.

### C 1000E RCD

- Variable 430 to 990 plates/hour production thanks to three preset washing programmes plus an up to eight minute intensive wash cycle for the toughest dirt
- Stainless steel top and bottom wash and rinse arms
- Button or hood closing start cycles
- With RCD

### C 1300E RCD

- High-capacity machine with production up to 1300 plates/hour
- Top and bottom stainless steel washing arms with high capacity and back-drawn injectors
- With RCD

### C 1001M

- Electromechanical version with analogical thermometers and three set washing cycles (65-100-150 seconds) as well as intensive wash
- Button or hood closing start

### C 1301M

- Electromechanical version with 72-40-30 rack/hour output
- Stainless steel drawn wash and rinse arms to guarantee maximum washing results



## the electronic version

The new electronic board provides easy machine process management:

- separate wash, pause, rinse time and temperature adjustment for each cycle
- manual or automatic wash cycle start
- built-in end of the day self-cleaning cycle
- digital wash and rinse temperature display
- built-in operating self-diagnosis
- HPS settings (Hygiene Plus System)



# plus

## installation flexibility and ease

- Four optimal washing cycles with time settings according to dirt levels
- Separate wash, pause, rinse time and temperatures adjustment (models C 1000E RCD and 1300E RCD)
- Constructed for quick and easy maintenance
- Loading versatility with straight-line or corner machine installation
- Rear safety panelling for space-saving wall installation
- Easy front panel detergent injector connection
- QHS (Quick Heating System) Reduces start-up time, the booster water is used for tank fill (available on C100E RCD and C1300E RCD)

## hygiene

- Deep-drawn "seat" tank with rounded corners: ensures maximum hygiene
- End of the they self-cleaning: eliminates any dirt residues
- Steel filters on the tank and micro-filter on the pump intake: separate water from even the smallest solid particles
- Vertical self-draining pump: permits complete wash water draining during tank emptying
- External wash column
- Removable rack holder: for easy cleaning
- INCOLOY 800 heaters
- Stainless steel wash arms with drawn nozzles
- Hygiene Plus System settings: acquires data for HACCP (models C 1000E RCD/1300E RCD)
- Wash and rinse temperature display
- Termo Stop: guarantees rinse cycle start only with 85°C booster temperature
- RCD Rinse Control Device: guarantees constant 85 °C water temperature during the entire rinse cycle even with low water pressure. RCD ensures compliance with stringent WRAS backflow-protection regulations (C1000E RCD and C1300E RCD)

## work reliability and safety

- Built-in rinse aid injector: guarantees excellent drying results
- Complete tank fill and heating automation: reduces user intervention to a minimum
- Self-diagnostic electronic board: immediately displays any malfunctions (models C 1000E RCD and 1300E RCD)
- Safety micro switch: prevents flooding if the machine is opened during use
- DM 13.4.1989 and CEE directive 87/308 standard anti-noise filter: prevents reception interference for radio/TV appliances
- Safety thermostat on booster heater: stops operations without water
- Anti-vacuum valve: prevent dirty water backflow

## on request

- Double skin execution
- Thermal disinfection system: ensures prolonged high-temperature rinse



<b>Linea C</b>	<b>C 1000E RCD</b>	<b>C 1300E RCD</b>	<b>C 1001M</b>	<b>C 1301M</b>
overall dimensions LxDxH (mm)	625x760x1460	625x760x1460	625x760x1460	625x760x1460
rack dimensions (mm)	500x500	500x500	500x500	500x500
output (55° C warm water connection) racks/hour	55-36-24-7	72-40-30-7	55-36-24-7	72-40-30-7
clearance (mm)	440	440	440	440
electrical rating	400 3N 50Hz	400 3N 50Hz	400 3N 50Hz	400 3N 50Hz
water pressure (bar)	2-4	2-4	2-4	2-4
wash cycles (seconds)	65-100-150-480	50-90-120-480	65-100-150-480	50-90-120-480
pump power (kW)	1,1	1,5	1,1	1,5
tank capacity (litres)	42	42	42	42
tank heater (kW)	3	3	3	3
rinse water consumption per cycle (litres)	3,5	3,5	3,5	3,5
booster heater warm water connection (kW)	9	10	9	10
booster heater cold water connection (kW)	14	14	14	14
total power hot water connection (kW)	10,1	11,5	10,1	11,5
total power cold water connection (kW)	15,1	15,5	15,1	15,5
water inlet (diameter inch)	3/4	3/4	3/4	3/4
water drain (diameter mm)	50	50	50	50
water drain from floor (mm)	150	150	150	150

Technical variations reserved



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