

## Magistar Combi TS Electric Combi Oven 20GN2/1

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_



**218725 (ZCOE202T2A0)** Magistar Combi TS combi boiler oven with touch screen control, 20x2/1GN, electric, 3 cooking modes (automatic, recipe program, manual), automatic cleaning

### Short Form Specification

#### Item No.

Combi oven with high resolution full touch screen interface, multilanguage

- Built-in steam generator with real humidity control based upon Lambda Sensor
- AirFlow air distribution system to achieve maximum performance with 7 fan speed levels
- HP Automatic Cleaning: Automatic and built-in self cleaning system with integrated descale of the steam generator. 5 automatic cycles (soft, medium, strong, extra strong, rinse-only) and economizer functions to save energy, water, detergent and rinse aid
- Cooking modes: Automatic (9 food families with 100+ different pre-installed variants); Programs (a maximum of 1000 recipes can be stored and organized in 16 different categories); Manual (steam, combi and convection cycles); Specialistic Cycles (regeneration, Low Temperature Cooking, proving, EcoDelta, Sous-Vide, Static-Combi, Pasteurization of pasta, dehydration, Food Safe Control and Advanced Food Safe Control)
- Special functions: MultiTimer cooking, Cooking Optimizer to cut running costs, Make-it-Mine to customize interface, Match connection to Rapido Chiller, SoloMio to customize homepage, agenda Calendar, automatic backup mode to avoid downtime
- USB port to download HACCP data, programs and settings. Connectivity ready
- 6-point multi sensor core temperature probe
- Double-glass door with single LED lights line
- Stainless steel construction throughout
- Supplied with n.1 trolley rack 2/1 GN, 63 mm pitch.

### Main Features

- Built-in steam generator for highly precise humidity and temperature control according to the chosen settings.
- Real humidity control based upon Lambda Sensor to automatically recognize quantity and size of food for consistent quality results.
- Dry, hot convection cycle (25 °C - 300 °C): ideal for low humidity cooking.
- Combination cycle (25 °C - 300 °C): combining convected heat and steam to obtain humidity controlled cooking environment, accelerating the cooking process and reducing weight loss.
- Low temperature Steam cycle (25 °C - 99 °C): ideal for sous-vide, re-thermalization and delicate cooking. Steam cycle (100 °C): seafood and vegetables. High temperature steam (25 °C - 130 °C).
- Automatic mode including 9 food families (meat, poultry, fish, vegetables, pasta/rice, eggs, savory and sweet bakery, bread, dessert) with 100+ different pre-installed variants. Through Automatic Sensing Phase the oven optimizes the cooking process according to size, quantity and type of food loaded to achieve the selected cooking result. Real time overview of the cooking parameters. Possibility to personalize and save up to 70 variants per family.
- Special Cycles:
  - Regeneration (ideal for banqueting on plate or rethermalizing on tray),
  - Low Temperature Cooking (to minimize weight loss and maximize food quality),
  - Proving cycle,
  - EcoDelta cooking, cooking with food probe maintaining preset temperature difference between the core of the food and the cooking chamber,
  - Sous-vide cooking,
  - Static Combi (to reproduce traditional cooking from static oven),
  - Pasteurization of pasta,
  - Dehydration cycles (ideal for drying fruits, vegetables, meats, seafood),
  - Food Safe Control (to automatically monitor safety of cooking process in compliance with HACCP hygienic standards),
  - Advanced Food Safe Control (to drive the cooking with pasteurization factor).
- Programs mode: a maximum of 1000 recipes can be stored in the oven's memory, to recreate the exact same recipe at any time. The recipes can be group in 16 different categories to better organize the menu. 16-step cooking programs also available.
- MultiTimer function to manage up to 20 different cooking cycles at the same time, improving flexibility and ensuring excellent cooking results. Can be saved up to 200 MultiTimer programs.
- AirFlow air distribution system to achieve maximum performance in chilling/heating evenness and temperature control thanks to a special design of the chamber combined with high precision variable speed fan.
- Fan with 7 speed levels from 300 to 1500 RPM and reverse rotation for optimal evenness. Fan stops in less than 5 seconds when door is opened.
- 6-point multi sensor core temperature probe for

**APPROVAL:** \_\_\_\_\_

maximum precision and food safety.

- Automatic fast cool down and pre-heat function.
- Back-up mode with self-diagnosis is automatically activated if a failure occurs to avoid downtime.
- 2 different chemical options available: solid and liquid (requires optional accessory).
- Capacity: 20 GN 2/1 or 40 GN 1/1 trays.
- OptiFlow air distribution system to achieve maximum performance in chilling/heating evenness and temperature control thanks to a special design of the chamber.

## Construction

- Integrated door shield to avoid steam and heat dispersion from the door, when the roll-in rack is not used.
- Double thermo-glazed door with open frame construction, for cool outside door panel. Swing hinged easy-release inner glass on door for easy cleaning.
- Hygienic internal chamber with all rounded corners for easy cleaning.
- 304 AISI stainless steel construction throughout.
- Front access to control board for easy service.
- Integrated spray gun with automatic retracting system for fast rinsing.
- IPX 5 spray water protection certification for easy cleaning.
- Supplied with n.1 trolley rack 2/1 GN, 63 mm pitch.

## User Interface & Data Management

- High resolution full touch screen interface (translated in more than 30 languages) - color-blind friendly panel.
- Pictures upload for full customization of cooking cycles.
- Make-it-mine feature to allow full personalization or locking of the user interface.
- SoloMio lets the user group the favorite functions in the homepage for immediate access.
- Calendar works as an agenda where the user can plan the daily work and receive personalized alerts for each task.
- USB port to download HACCP data, share cooking programs and configurations. USB port also allows to plug-in sous-vide probe (optional accessory).
- Connectivity ready for real time access to connected appliances from remote and HACCP monitoring (requires optional accessory).
- Trainings and guidances supporting materials easily accessible by scanning QR-Code with any mobile device.
- Automatic consumption visualization at the end of the cycle.
- With Match function the Oven and the Blast Chiller are connected to each other and communicate in order to guide the user through the cook&chill process optimizing time and efficiency (requires optional accessory).

## Sustainability

- Reduced power function for customized slow cooking cycles.
- HP Automatic Cleaning: Automatic and built-in self cleaning system with integrated descale of the steam generator. 5 automatic cycles (soft, medium, strong, extra strong, rinse-only) and green functions to save energy, water, detergent and rinse aid. Also programmable with delayed start.
- Cooking Optimizer function organizes the cooking sequence of the chosen cycles optimizing the work in the kitchen from a time and energy efficiency point of view.
- Zero Waste provides chefs with useful tips for minimizing food waste.  
Zero Waste is a library of Automatic recipes that aims to:  
- give a second life to raw food close to expiration date (e.

g.: from milk to yogurt)

- obtain genuine and tasty dishes from overripe fruit/vegetables (usually considered not appropriate for sale)
- promote the use of typically discarded food items (e.g.: carrot peels).

## Included Accessories

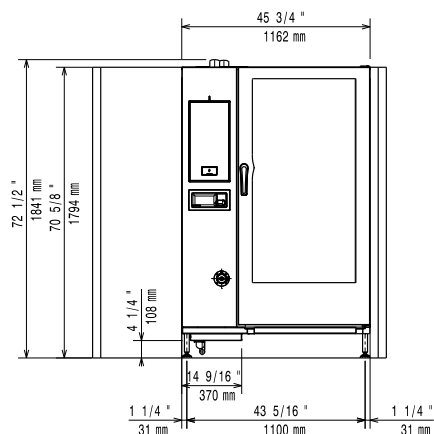
- 1 of Trolley with tray rack 20 GN 2/1, 63mm pitch PNC 922757

## Optional Accessories

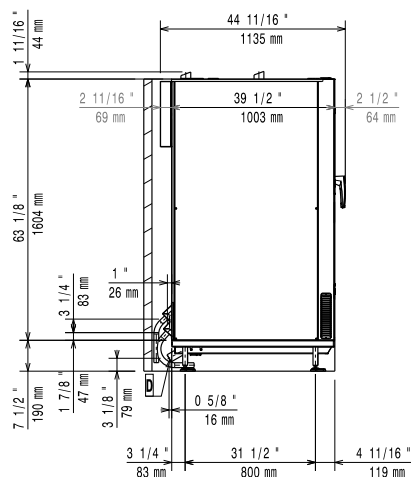
- External reverse osmosis filter for single tank Dishwashers with atmosphere boiler and Ovens PNC 864388 ☐
- Water filter with cartridge and flow meter for high steam usage (combi used mainly in steaming mode) PNC 920003 ☐
- Water filter with cartridge and flow meter for medium steam usage PNC 920005 ☐
- Pair of AISI 304 stainless steel grids, GN 1/1 PNC 922017 ☐
- Pair of grids for whole chicken (8 per grid - 1,2kg each), GN 1/1 PNC 922036 ☐
- AISI 304 stainless steel grid, GN 1/1 PNC 922062 ☐
- External side spray unit (needs to be mounted outside and includes support to be mounted on the oven) PNC 922171 ☐
- Baking tray for 5 baguettes in perforated aluminum with silicon coating, 400x600x38mm PNC 922189 ☐
- Baking tray with 4 edges in perforated aluminum, 400x600x20mm PNC 922190 ☐
- Baking tray with 4 edges in aluminum, 400x600x20mm PNC 922191 ☐
- Pair of frying baskets PNC 922239 ☐
- AISI 304 stainless steel bakery/pastry grid 400x600mm PNC 922264 ☐
- Grid for whole chicken (8 per grid - 1,2kg each), GN 1/1 PNC 922266 ☐
- USB probe for sous-vide cooking PNC 922281 ☐
- Universal skewer rack PNC 922326 ☐
- 6 short skewers PNC 922328 ☐
- Smoker for lengthwise and crosswise oven PNC 922338 ☐
- Multipurpose hook PNC 922348 ☐
- Grease collection tray, GN 2/1, H=60 mm PNC 922357 ☐
- Grid for whole duck (8 per grid - 1,8kg each), GN 1/1 PNC 922362 ☐
- Thermal cover for 20 GN 2/1 oven and blast chiller freezer PNC 922367 ☐
- Wall mounted detergent tank holder PNC 922386 ☐
- USB single point probe PNC 922390 ☐
- IoT module for OnE Connected and Match (one IoT board per appliance - to connect oven to the blast chiller for Cook&Chill process). PNC 922421 ☐
- Connectivity router (WiFi and LAN) PNC 922435 ☐
- Match kit - to connect oven and blast chiller freezer for Cook&Chill process. The kit includes 2 boards and cables. Not for OnE Connected PNC 922439 ☐
- External connection kit for liquid detergent and rinse aid PNC 922618 ☐

- Dehydration tray, GN 1/1, H=20mm PNC 922651 ☐
- Flat dehydration tray, GN 1/1 PNC 922652 ☐
- Heat shield for 20 GN 2/1 oven PNC 922658 ☐
- Trolley with tray rack, 15 GN 2/1, 84mm pitch PNC 922686 ☐
- Kit to fix oven to the wall PNC 922687 ☐
- Adjustable wheels for 20 GN 1/1 and 20 GN 2/1 ovens PNC 922701 ☐
- 4 flanged feet for 20 GN , 2", 150mm PNC 922707 ☐
- Mesh grilling grid, GN 1/1 PNC 922713 ☐
- Probe holder for liquids PNC 922714 ☐
- Levelling entry ramp for 20 GN 2/1 oven PNC 922716 ☐
- Tray for traditional static cooking, H=100mm PNC 922746 ☐
- Double-face griddle, one side ribbed and one side smooth, 400x600mm PNC 922747 ☐
- Trolley with tray rack 20 GN 2/1, 63mm pitch PNC 922757 ☐
- Trolley with tray rack, 16 GN 2/1, 80mm pitch PNC 922758 ☐
- Banquet trolley with rack holding 92 plates for 20 GN 2/1 oven and blast chiller freezer, 85mm pitch PNC 922760 ☐
- Bakery/pastry trolley with rack holding 400x600mm grids for 20 GN 2/1 oven and blast chiller freezer, 80mm pitch (16 runners) PNC 922762 ☐
- Banquet trolley with rack holding 116 plates for 20 GN 2/1 oven and blast chiller freezer, 66mm pitch PNC 922764 ☐
- Kit compatibility for aos/easyline trolley (produced till 2019) with SkyLine/Magistar 20 GN 2/1 combi oven PNC 922770 ☐
- Kit compatibility for aos/easyline 20 GN oven with SkyLine/Magistar trolleys PNC 922771 ☐
- Water inlet pressure reducer PNC 922773 ☐
- Kit for installation of electric power peak management system for 20 GN Oven PNC 922778 ☐
- Non-stick universal pan, GN 1/ 1, H=40mm PNC 925001 ☐
- Non-stick universal pan, GN 1/1, H=60mm PNC 925002 ☐
- Double-face griddle, one side ribbed and one side smooth, GN 1/1 PNC 925003 ☐
- Aluminum grill, GN 1/1 PNC 925004 ☐
- Frying pan for 8 eggs, pancakes, hamburgers, GN 1/1 PNC 925005 ☐
- Flat baking tray with 2 edges, GN 1/1 PNC 925006 ☐
- Potato baker for 28 potatoes, GN 1/1 PNC 925008 ☐

### Front

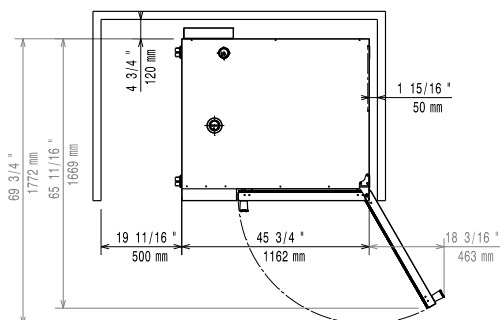


### Side



- C-** = Cold Water inlet 1 (cleaning)  
**WI-1**  
**C-** = Cold Water Inlet 2 (steam generator)  
**WI-2**  
**D** = Drain  
**DO** = Overflow drain pipe  
**EI** = Electrical inlet (power)

### Top



### Electric

#### Circuit breaker required

**Supply voltage:** 380-415 V/3N ph/50-60 Hz

**Electrical power, max:** 70.2 kW

**Electrical power, default:** 65.4 kW

### Water:

**Inlet water temperature, max:** 30 °C

**Inlet water pipe size (CWI1, CWI2):** 3/4"

**Pressure, min-max:** 1-6 bar

**Chlorides:** <45 ppm

**Conductivity:** >50 µS/cm

**Drain "D":** 50mm

*Electrolux Professional* recommends the use of treated water, based on testing of specific water conditions.

Please refer to user manual for detailed water quality information.

### Installation:

**Clearance:** Clearance: 5 cm rear and right hand sides.

**Suggested clearance for service access:** 50 cm left hand side.

### Capacity:

**Trays type:** 20 (GN 2/1)

**Max load capacity:** 200 kg

### Key Information:

**Door hinges:** Right Side

**External dimensions, Width:** 1162 mm

**External dimensions, Depth:** 1066 mm

**External dimensions, Height:** 1794 mm

**Weight:** 351 kg

**Net weight:** 351 kg

**Shipping weight:** 389 kg

**Shipping volume:** 2.77 m³