

## Convotherm 4 Floor-Standing Models



Convotherm 4 deluxe and Convotherm 4 easyDial™  
Exceptionally robust combi ovens for arduous everyday routines.



***Advancing Your Ambitions***

# The Convotherm 4 floor-standing models. The very best from four decades of experience.

The Convotherm 4 floor-standing models are the result of our engineers' know-how and passion combined with the multifaceted experiences shared with us by our customers the world over. Whether the Convotherm 4 deluxe or Convotherm 4 easyDial™: Whenever peak performance and large quantities are required, the Convotherm 4 floor-standing models are ideal. That's because they're built around user-friendliness and functionality – for the best results.

## ► Your cooking results in focus

Natural Smart Climate™: ensures the right cooking climate for every product – with no complicated settings or controls. This is made possible by our unique ACS+ closed cooking system. It delivers the ultimate in even cooking and baking, with results always optimized in line with your needs.

## ► Variety and individuality

The Convotherm 4 floor-standing models are available in the sizes 20.10, 12.20 and 20.20, with electric injection, an electric boiler, gas injection, or a gas boiler.



## ► The new standard in flexible, reliable cleaning

ConvoClean+™ and ConvoClean™ have been developed to deliver maximum flexibility with minimum consumption. And always fully automatic: No contact with cleaning fluid when starting the cleaning process. All this combined with new control functions and a single-measure dispensing option, ensuring that every single user will have their needs met.



► **Uncompromising quality: Made in Germany**

A persuasive interplay of uncompromising manufacturing quality, outstanding reliability and a clear design. Well thought out with numerous intelligent details for efficiency, hygiene, convenience, safety and ergonomics.

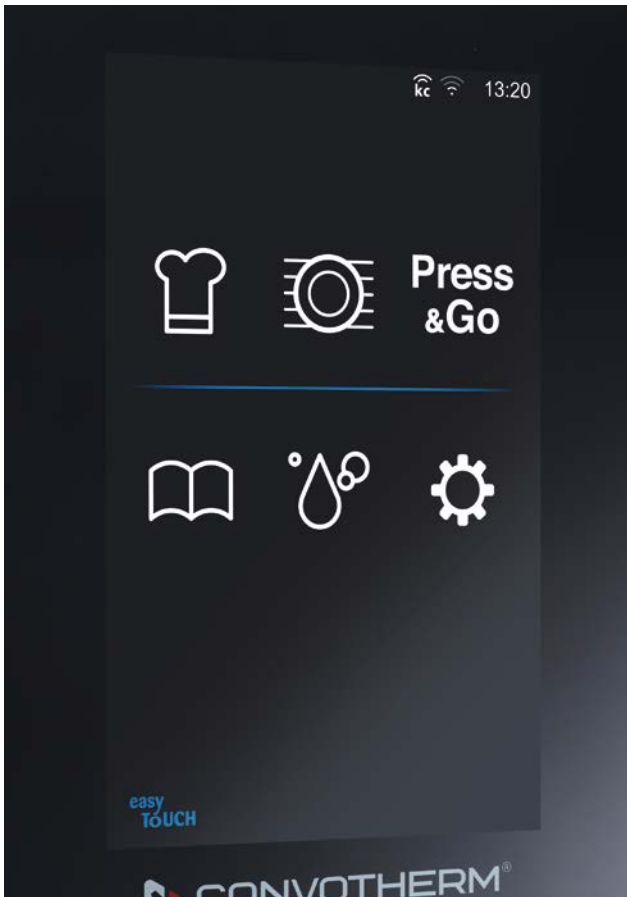
► **Unique disappearing door**

Slides neatly away along a side rail when opened. This prevents contact with the hot pane and walkways remain unobstructed.

► **Lower operating costs while helping the environment**

Every Watt and liter count. The Convotherm 4 floor-standing models represent a new class of energy efficiency and water consumption. On top of that, the fact that we use hydroelectric power and heat produced from biomass in order to run our production operations at our Eglfing location further proves it – “green” is not just a buzzword for us. We care about sustainability and are determined to protect our environment from the moment we start making things.

# Intuitive user interface for ease in operation



## easyTouch®

### The incredibly user-friendly and intuitive full touchscreen

With its language-neutral full touchscreen that anyone can understand, the Convotherm 4 deluxe makes operation easy for you and your staff.

### Easy and intuitive – for maximum process reliability

Manual and automatic preparation modes for baking and cooking processes that save both time and energy reduce workloads for frequently changing staff. The best thing? Thanks to the preset baking and cooking programs, results can be consistently reproduced at the tap of a finger.

## easyDial™

### Manual operation for individualists

Thanks to the clever operating concept embodied in the easyDial™, you can quickly configure your own cooking profiles. All the functions are available in one level. You can see everything at a glance at all times - even from a distance - on the large brightly-lit digital display with the central Convotherm-Dial (C-Dial) control unit.

- **easyDial™ rethermalization function:**  
Retherm products to their peak level
- **99 cooking profiles**
- **C-Dial and TriColor:**  
Our intuitive operating philosophy
- **The TriColor indicator ring**  
indicates the current operating status:  
Yellow for "in preparation," red for "in progress,"  
green for "ready"





# Intelligent extra functions



## Crisp&Tasty

In hot air mode you can produce food that is tender inside yet super-crispy outside in minimum time:

- 5 levels of moisture removal
- All 5 levels can be set manually or programmed



## BakePro

Select the right amount of added steam for your product in hot air mode, then the Convotherm will add the subsequent rest period automatically.

- 5 levels of traditional baking
- Steaming and resting times produce baking results as good as those obtained with a traditional baker's oven
- No need to defrost frozen baked goods before baking
- Programmable, including multistage baking profiles



## TrayView

With rolling mixed loads, the display shows you precisely what is being baked or cooked on each shelf and how much time is still remaining. The appliance signals when the product is finished. Every time the unit door is opened, TrayView recalculates the cooking and baking time for each shelf separately.



## Press&Go

With Press&Go, you can get started immediately in different product categories. The preheating, compensation for heat losses, for example when the door is opened or with differing load quantities, as well as the selection of the baking and cooking modes takes place automatically.



## HumidityPro

In addition to automatic control, this function lets you control the moisture level manually in combi-steam mode from as low as 30 °C to exactly suit your personal preference:

- 5 levels of humidification
- Super-succulent dishes cooked precisely to your requirements
- No need to enter percentages
- Also ideal for holding food

## Also provided with easyTouch®:



## ecoCooking

The energy-save function is ideal for food with long cooking times such as roasts, joints of beef and large roasting joints:

- The especially gentle cooking sequence improves the product quality with very low cooking loss
- ecoCooking can be activated as desired starting at 30 °C and above for hot air and combi-steam cooking



## Cook&Hold

Automatically lowers the temperature at the end of cooking sequence to combine cooking and holding in one process.



## Delta-T cooking / low-temperature cooking

Gentle cooking - even overnight.

# Smart technology for efficient processes.

No matter whether automatic or manual cooking – with its sophisticated combination of intelligent solutions, the Convotherm 4 deluxe makes work especially easy, safe and efficient for you and your team. That reduces stress levels and safeguards reliable, top performance.



## Automatic cooking with quick access buttons: Press&Go

Press&Go gets you started immediately in many different product categories. The preheating, compensation for heat losses – for example when the door is opened or with different load sizes – as well as the selection of the cooking and baking modes takes place automatically.

The integrated cookbook with six preset product categories allows storage of up to 399 cooking profiles with up to 20 cooking steps. These can be retrieved at the press of a button. Cooking profiles that complement each other are shown to you automatically and you can always keep your favorites in focus. Press&Go is available optionally with password protection – for creating separate Manager and Crew modes.

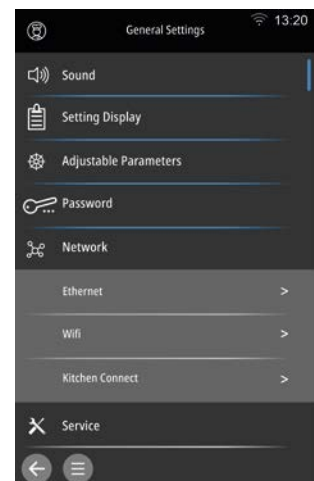
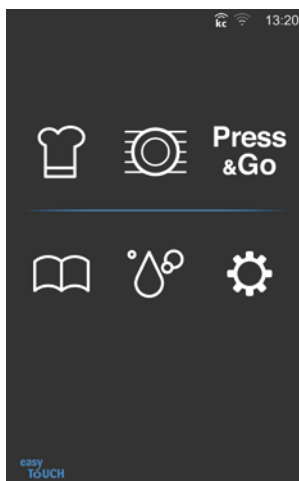


## Maintain an overview during automatic cooking: TrayView

With rolling mixed loads, the Convotherm 4 deluxe with its 10-inch HiRes display shows you precisely what is cooking or baking on each shelf and how much time remains for each. The appliance signals you both optically and acoustically when a product is finished. To compensate for heat losses, for example, every time the appliance door is opened, TrayView recalculates the cooking and baking time for each shelf separately.

## Networked cooking via LAN and WiFi

The future of professional cooking is networked. That's why the Convotherm 4 deluxe can go online easily and anywhere via its series WiFi or LAN





interface. This allows access to software updates, for example, or an upload of new recipes centrally to multiple appliances, or access to HACCP data.

### Manual mode for experts

With the Convotherm 4 deluxe, you always remain in control when cooking. If desired, you can intervene in any cooking process parameters at any time even when using preset cooking profiles. All cooking parameters can also be specified manually in advance. With rolling mixed loads as well, you are able to use TrayTimer to set cooking times for every product on every shelf precisely and individually, just as you would like.



### Cooking with easyTouch® at a glance:

- ▶ **Press&Go:** Automatic cooking in different product categories, easily at the tap of a finger
- ▶ **Integrated recipe book for cooking and baking:** Save up to 399 cooking profiles and access them at the press of a button
- ▶ **TrayView:** Full control over rolling mixed loads
- ▶ **HACCP management:** Evaluate HACCP data easily and analyze workflows
- ▶ **Connectivity:** Networked cooking via series WiFi or LAN interfaces
- ▶ **Cook&Hold:** Automatically lowers the temperature at the end of cooking sequence to combine cooking and holding in one
- ▶ **ConvoServe:** The intelligent production process: Cook, chill, regenerate, serve

# ConvoGrill: Tasty, efficient and intelligent grilling

Whether it's the chicken popular everywhere or delicious crispy knuckles: ConvoGrill enables you to achieve perfect grilling results every time – and to work faster, more cost effectively and with environmental awareness thanks to an intelligent grease management system.



## Uniform, high-quality grilling results

Even at a high throughput rate, the ConvoGrill equipment option in the Convotherm 4 deluxe ensures consistent, high-quality results. With Press&Go, select the ideal cooking profile for your grilled foods at the tap of a finger – your chicken, for example, will be grilled fully automatically.

## Tender inside, wonderfully crispy outside.

Thanks to Natural Smart Climate™, foods like chicken absorb exactly the right amount of moisture while grilling – for appetizing meat tender to the core with a minimum of product shrinkage. At the end, Crisp&Tasty supplies a precise amount of hot air for crispy perfection.

### Grilled chicken capacity\*

- ▶ 10.20: 49 pieces per grilling cycle
- ▶ 12.20: 64 pieces per grilling cycle
- ▶ 20.10: 56 pieces per grilling cycle
- ▶ 20.20: 112 pieces per grilling cycle

\* Weight 1,2 kg

## Efficient, environmentally friendly and cost saving: Patented grease management system

Professional grill systems are confronted with an obnoxious dilemma: Excess grease must not be allowed into the wastewater system, while large amounts of cooking juices cause problems in grease recycling systems. With the patented ConvoGrill grease management system, the Convotherm 4 deluxe solves this problem with technical perfection.



## German high tech: Separation of grill grease and juices

The sensor-controlled, intelligent pump system separates the grease of the grilled food from the other cooking juices fully automatically. Afterwards, it is concentrated and pumped into canisters for further processing in a significantly purer form than is typically the case. Food particles are ground up perfectly by the pump's high-performance grinder, which also reliably prevents blockages in the grease separator pipes. The remaining, predominantly grease-free liquids can be disposed of in the wastewater with no risk of clogging. That means longer drain pipes or lines are no problem.

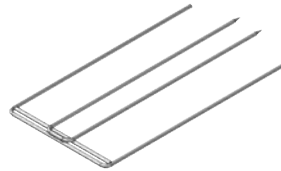


# The perfect accessories for grilling



## Grill rack with cross pattern, non-stick coating

The grill rack helps create an appetizing grill pattern on your steaks, fish and antipasti. Thanks to excellent heat conduction and storage, the foods remain succulent inside.



## Special meat spit - for suckling pig and lamb

With the special meat spit, you can cook suckling pig or lamb perfectly in the Convotherm.



## Spit rack

Up to 13 skewers, e.g. for meat, fish, poultry or vegetables, can be easily snapped into the stainless steel spit rack and removed again after cooking.



## Grease drip tray

Helps to remove excess fat produced when cooking dishes with a high fat content. Simply place the grease drip tray in the cooking chamber and then empty at the end of the cooking sequence.



## Chicken grill rack

Convotherm combi ovens are ideally suited for preparing golden-brown chicken with crispy skin and succulent meat. Simply spear the chickens on the spit, cook and they're done!



## Grease collecting canister

Suitable for ConvoGrill with grease management function.



## Individual skewers

For spit rack, made of hygienic stainless steel.

# ConvoServe – The intelligent overall concept from preparation to serving.

Do you need to pamper a large number of discerning gourmets with first-class dishes all at the same time, yet without hassle? No problem thanks to ConvoServe. With our intelligent production concept, you can use the Convotherm 4 floor-standing models to prepare all the foods in advance and then finish them with precision timing on demand. Fast, fresh and with the best quality.



## ConvoServe makes regenerating easy

Carefully preparing large quantities of food or getting numerous different dishes ready for serving, then keeping them fresh and regenerating them at just the right moment so they arrive at the buffet or the table at the same time in top quantity is a complex process. That's why, with ConvoServe, we have developed an intelligent overall concept for this which features the Convotherm 4 floor-standing models with specialized accessories.

## Perfectly timed finishing instead of holding

Whether gala diners, large-scale events, care-sector catering or company catering: Hours of holding or reheating are a thing of the past. With ConvoServe, the required foods can be put into the combi oven when you have the time and capacity to do so. There, they are pre-produced and then cooled using the Cook&Chill process to prevent undesired continuation of cooking. A sophisticated regeneration process completes the foods with timed precision in the highest quality.

## Perfect moisture content thanks to Natural Smart Climate™

Regeneration of the prepared foods is accomplished simply and adapted individually to the respective product or method. Because this involves perfectly timed finishing and not merely warming up your foods, the right cooking chamber climate is of decisive importance. The Natural Smart Climate™ in the unique ACS+ closed system ensures that the foods get the optimal amount of energy and moisture completely naturally and on their own. For perfect freshness on the plate.

# The perfect accessories for regeneration with ConvoServe



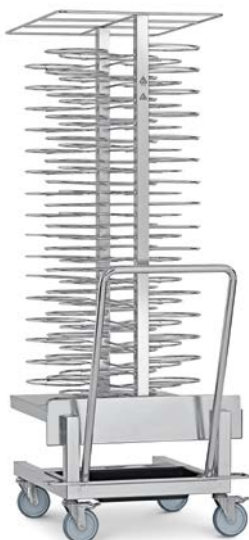
## Thermal cover

The Convotherm thermal cover encloses the entire loaded trolley. This minimization of escaped heat means foods can be held for up to 20 minutes with no quality loss. It's perfect for longer transport paths to satellite kitchens, but also for rolling loads for large quantities.



## Loading trolley

With the loading trolley, full gastronorm containers or plates can be moved through the kitchen effortlessly, e.g. for convenient and safe transport from the cold store directly to the floor-standing model. Afterwards, the loading trolley is moved directly to the large blast chiller for Cook&Chill and intermediate storage without having to remove individual sheet pans.



## Plate banquet trolley

The plate banquet trolley with a range of plate spacings provides plenty of room for your creatively arranged dishes – from fine dining to large-scale catering.

# The new standard in flexible, reliable cleaning.

Developed for maximum flexibility with minimum consumption. With new operating functions and single-dose dispensing for absolutely every user profile. And always fully automatic: No contact with cleaning fluid when starting the cleaning process.

## ConvoClean+ in easyTouch®

The fully automatic cleaning system, featuring **eco, express, and regular modes**, combines optimum hygiene with minimum preparation so that it is always ready to go at the touch of a button (available with single-measure dispensing as well):\*

- 4 selectable cleaning intensity settings with fully automatic cleaning fluid dispensing
- The **eco mode** economizes on cleaning fluids, energy and water
- The **express mode** saves time and allows ultra-fast cleaning even during business hours
- **Regular mode** balances speed with economy
- Maximum food safety guaranteed by a fully automatic cleaning process
- Final steam disinfection and/or drying cycles guarantee perfect hygiene
- Starts with one touch whenever you want with no need for manual rapid cooling



## ConvoClean in easyDial™

The fully automatic cleaning system, **featuring regular mode**, combines optimum hygiene with minimum preparation so that it is always ready to go at the touch of a button (available with single-measure dispensing as well):\*

- 4 selectable cleaning intensity settings with fully automatic cleaning fluid dispensing
- No contact with cleaning fluid when starting the cleaning process.
- Starts with one touch whenever you want with no need for manual rapid cooling
- Maximum food safety thanks to the fully automatic cleaning process
- Final steam disinfection and drying cycles guarantee perfect hygiene.



# HygieniCare solutions for maximum safety:



## HygienicSteam: Easy sterilization with steam

The Convotherm 4 deluxe is equipped with a feature for reliable and cost-effective steam sterilization of kitchen utensils. Thoroughly cleaned utensils and other heat-resistant kitchen tools can simply be placed in the appliance and safely sterilized at the tap of a button using the 30-minute, automatic steam cleaning program at 130 °C.



## Playing it safe: Hygienic handles

The hygienic handles of the Convotherm 4 deluxe consist of antibacterial and antimicrobial plastic and reduce the multiplication of microorganisms on the neuralgic, manually operated points of contact over the entire life of the appliance.



## For powerful external cleaning: Certified splash-water protection

The Convotherm 4 deluxe is protected comprehensively against the entry of splashing water in accordance with protection rating IPX5. This means that even when the work surroundings are subject to intensive disinfection, any contamination of the appliance's interior by cleaning or disinfection agents is avoided. Moreover, the housing is particularly resistant to conventional cleaning agents. Consequently, the kitchen or sales area can be cleaned with exceptional thoroughness but no adverse hygienic effects on the interior of the appliance.

# Made in Germany, in capable hands the world over.

Experience, innovative force, perfectionism, quality consciousness and an uncompromising customer orientation are virtues that have been rooted in Convotherm's DNA for more than 40 years.

## Unrivalled service – worldwide

Always ready for operation thanks to a one-of-a-kind emergency program that ensures Convotherm combi ovens can still deliver good functional reliability after a technical malfunction. But if worse comes to worst, you can rest assured knowing that we have a worldwide network of service partners with outstanding qualifications based on our international training system. Our guarantee: Fast response times, on-call personnel, and available spare parts.



## Top "Made in Germany" quality

Since 1976, Convotherm has stood for uncompromising quality and durability. In close cooperation with industry professionals and with a traditional, high drive for perfection, we work nonstop and with unbounded passion on innovative solutions focused on our customers' core business. As a result, in 1995 Convotherm became the world's first combi oven manufacturer to be DIN ISO 9001 certified. Developed and made in Germany, every single Convotherm combi oven goes through a full functional test lasting several hours before leaving the factory.



# Additional accessories

Apart from the special ConvoServe accessories (p. 11), we offer additional accessories for the Convotherm 4 floor-standing models that are perfectly suited for every need and application.



## Sheet pans and oven racks

Everything runs smoothly here: Stainless steel sheet pans and shelf grills, as well as special accessories with non-stick coatings, are available in GN sizes and standard patisserie sizes.



## Condensation hood

With the efficient condensation hood, ConvoVent 4/4+, you can work safely and with a fresh room climate at all times.



## Cleaning agents and care products

All Convotherm cleaning and care products are optimally suited for use with the fully automatic cleaning system, are biodegradable, and are halal and kosher certified.

# The Convotherm 4 floor-standing models: Our large appliances that cover every need.



## Convotherm 4 deluxe easyTouch®

	20.10	12.20	20.20
Dimensions (WxDxH)	890 x 820 x 1942 mm	1135 x 1020 x 1406 mm	1135 x 1020 x 1942 mm
Loading capacity (GN)	20 x 1/1	24 x 1/1 GN 12 x 2/1 GN	40 x 1/1 GN 20 x 2/1 GN
Number of plates	50 or 61 plates	59 or 74 plates	98 or 122 plates
Rated power consumption Electric injection and boiler models (3N~ 400 V 50/60 Hz (3/N/PE))	38,9 kW	33,7 kW	67,3 kW
Rated power consumption Gas injection and boiler models (single-phase 230 V 50/60 Hz)	1,1 kW	0,6 kW	1,1 kW
Heat output (2H (E) natural gas)	42,0 kW	31,0 kW	62,0 kW



## Convotherm 4 easyDial™

	20.10	12.20	20.20
Dimensions (WxDxH)	890 x 820 x 1942 mm	1135 x 1020 x 1406 mm	1135 x 1020 x 1942 mm
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\* Please consult the technical data sheet for further details.