GENIUS ^{MT} 12-21

GN 12 X 2/1

Combi steamer, gas, right hinged

HIGHLIGHTS

MT-TECHNOLOGY:

- 7" MultiTouch Display
- Climatic® MT
- Last®20
- Quick Set
- Multi Cooking/Multi Baking
- Quick Mode with password manager
- Weekly programming

- 3 fan speed levels
- autoclean® MT
- Automation facilities
- Eloma live steam system
- HACCP data logging and display
- Multi-Eco-System
- SPS®: Steam Protection System
- Timer-function: Entry of starting and ending time

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DIMENSIONS

Width x depth x height in mm: 1310 x 1086 x 1490

Weight: 365 kg

Weight with packaging: 465 kg

Number levels: 12 x GN 2/1

Distance between levels: 67 mm

MAIN CONNECTION DATA

Voltage: 230V/1 N AC

Connected gas load: 35 kW

Rated current: 4.5 Amp

Protection: 1 x 16 Amp

Res. current circuit breaker, frequency converter 1PH: 16 Amp

Recommended cross section: 1.5 qmm

Noise emission: < 70 dB (A)

Article number: EL1216001-2X

SAFETY CLEARANCE

Rear: min. 50mm

Right: min. 50mm

Left: min. 50mm

Minimum distance to heat sources: min. 50mm

LOADING CAPACITY

Cooking chamber volume: 781 l

GN 2/1: 12

GN 1/1: 24

Plates max. Ø32 cm: 75

WATER CONNECTION

Water supply/dim: 2 x G 3/4" A

Flow pressure: 2 - 6 bar (200 - 600 kPa)

DRAIN SYSTEM

Version: permanent connection (rec.) or funnel waste trap

Type: DN50 (min. Ø internal: 46mm)

Slope for waste water pipe: min. 3%

WATER QUALITY

General requirement: drinking water

Total hardness: ≤ 3°dh / 70 – 125 ppm / 7-13° TH / 5-9 °e

pH-Wert: 7.0 – 8.5

Cl (chloride): max. 60 mg/l

Cl_2 (free chlorine): max. 0.2 mg/l

SO_4^2 (sulphate): max. 150 mg/l

Fe (iron): max. 0.1 mg/l

Temperature: max. 40°C

Electrical conductivity: min. 20 ų S/cm

Water pressure: 4 bar (2 - 6 bar)

WATER CONSUMPTION

Soft water: 25 l/h (at 4 bar)

Hard water: 55 l/h (at 4 bar)

HEAT EMISSION

Latent: 12.60 MJ/h, sensitive: 10.71 MJ/h

STANDARDS

Safety: VDE-GS, UL-CSA, SVGW, DVGW,

BRL, EAC, GlobalMark Australia, KGS (Korean Gas Safety)

Protection: IPX 5

Built according to: DIN 18866-2

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STANDARD FEATURES

9 operating modes	Memory Function
400 program spaces/20 steps each	Multi-Eco-System: heat recovery
Acoustic signal adjustable	Multi Key Button
Active dehumidification	Multi-lingual control panel
Additional cooking/baking time	Multi-point core temperature sensor
Automatic daylight-saving time	MT-Technology:
Automatic resting time in accordance to humidity setting	• Baking mode
Automated cleaning and maintenance instructions, incl. locking	• Climatic® MT
	• Last®20
Blinking light following the program end	• Multi Cooking/Multi Baking
Cleaning fully automatic: autoclean® MT	• MultiTouch-Display
Compensation of cooking time (Multi Cooking/Multi Baking)	• Quick Mode cooking/baking
Control panel with MultiTouch-display	• Quick Mode cleaning
Door lock: Safety door lock	• Quick Set
Door with halogen lighting and double glazing	Preheat/Cooldown function adjustable
Energy saving function E/2	Pre-set of steam injection (in 10 ml steps)
Fan speed reduced	Program information input on the unit
Fan wheel autoreverse	Program list alphabetical with menu group filtering
Favourites list	Repeat Mode
Favourites marking and filtering	Seamless, hygienic cooking chamber
HACCP data logging and display	Selectable drying phase
Humidity setting: 0 – 100%	Selectable starting screen
Individualisation of operating concept with password manager	SPS: Steam Protection System
	Standby after cleaning
Input alphanumeric	Steam injection adjustable in millilitres or seconds
Instruction: clean air filter	Steptronic®
Integrated spray hose	Temperature setting: 30°C – 300°C
Integration of (own) images	Timer function: Entry of starting and ending time
Integration of (own) sounds	USB Interface
LAN Interface	Water resistance IP X5
Live steam system	Weekly programming for cooking/baking and autoclean® MT
Manual steaming	

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VERSIONS	OPTIONS
	Door with LED lighting and triple glazing
	External core temperature sensor
	External sous-vide sensor
	Special voltages
	WLAN

ACCESSORIES

Hygienic connection

Mobile plate rack

Mobile tray rack

ProConnect

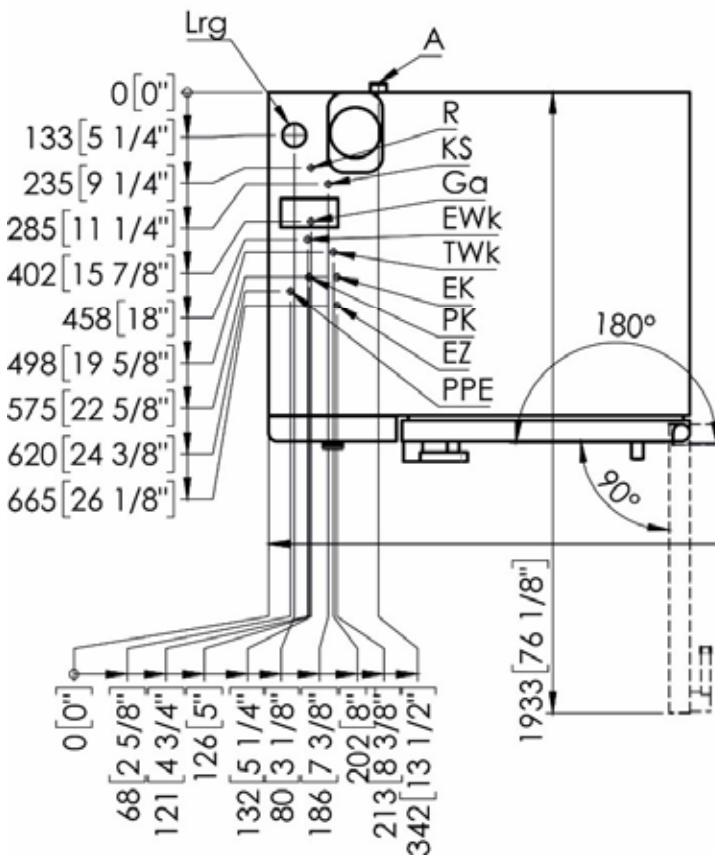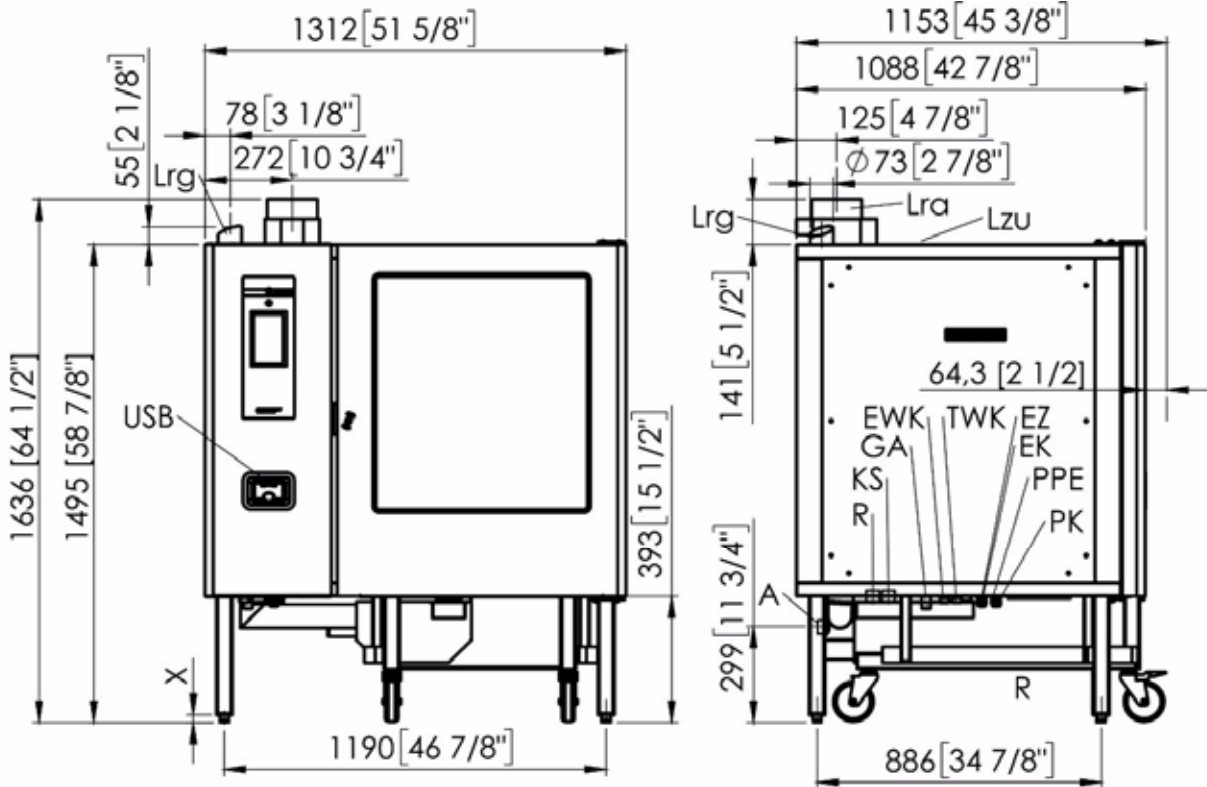Trays, grids und pans

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Measurements (front view):
- 1312 [51 5/8"]
- 78 [3 1/8"]
- 272 [10 3/4"]
- 55 [2 1/8"]
- Lrg
- USB
- 1636 [64 1/2"]
- 1495 [58 7/8"]
- 393 [15 1/2"]
- X
- 1190 [46 7/8"]

Measurements (side view):
- 1153 [45 3/8"]
- 1088 [42 7/8"]
- 125 [4 7/8"]
- Ø73 [2 7/8"]
- Lrg
- Lra
- Lzu
- 141 [5 1/2"]
- 64,3 [2 1/2]
- EWK, TWK, EZ
- GA, EK
- KS, PPE
- R, PK
- A
- 299 [11 3/4"]
- R
- 886 [34 7/8"]

Measurements (detail view):
- Lrg
- A
- 0 [0"]
- 133 [5 1/4"] — R
- 235 [9 1/4"] — KS
- 285 [11 1/4"] — Ga
- 402 [15 7/8"] — EWk
- 458 [18"] — TWk
- 498 [19 5/8"] — EK
- 575 [22 5/8"] — PK
- 620 [24 3/8"] — EZ
- 665 [26 1/8"] — PPE
- 180°
- 90°
- 2157 [84 7/8"]
- 1933 [76 1/8"]
- 0 [0"]
- 68 [2 5/8"]
- 121 [4 3/4"]
- 126 [5"]
- 132 [5 1/4"]
- 80 [3 1/8"]
- 186 [7 3/8"]
- 202 [8"]
- 213 [8 3/8"]
- 342 [13 1/2"]

Legend:

Lzu Zuluftöffnung / Supply air opening
Lrg Abluftrohr / Exhaust air pipe
A   Anschluss Abwasserleitung
     Connection for waste water line
EWk Anschluss Weichwasser G3/4" /
     Connection for soft water BSP 3/4"(US:GHT 3/4")
TWk Anschluss Hartwasser G3/4"/
     Connection for hard water BSP 3/4"(US:GHT 3/4")
EZ   Anschluss Elektroleitung
     Connection for electrical cable
EK   Kommunikationsanschluss (z.B. RS232,LAN)
     Communikations connection(e.g.RS232,LAN)
USB USB-Buchse/USB port
PPE Anschluss Potentialausgleich
     Connection for potential equalisation

PK   Potentialfreier Kontakt(optional)
     Floating contact(optional)
X   Füße, justierbar +/-10mm/Feet, adjustable +/- 3/8'
R   Anschluss Reiniger/Connection for cleaner
KS   Anschluss Klarspüler/Connektion for rinse agent
Lga Zugunterbrecher Abgasrohr
     Exhaust gas pipe draught damper
Ga   Anschluss Gasleitung/ Connection for gas line