

# TECHNICAL DATA

## GAS OR FUEL OVEN WITH REVOLVING TROLLEY



**GAS**

or



**FUEL**


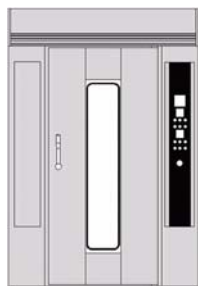
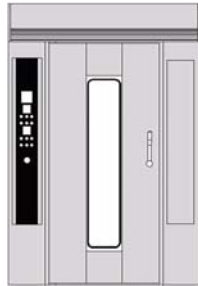



At the slightest suspicious smell of gas, turn off immediately the gas supply and call your technician.

### TECHNICAL DATA SHEET ref FNG-G00005 GB

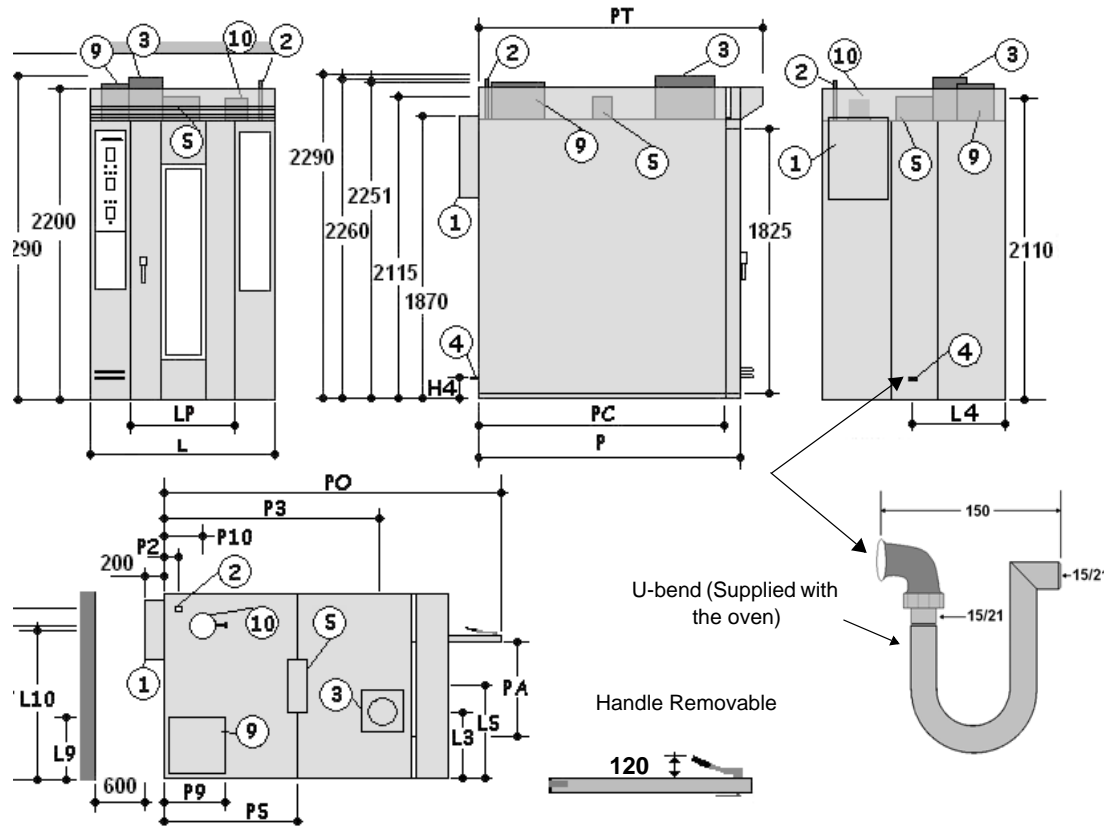
577, rue Célestin Hennion  
59144 Gommegnies  
Tel : (33) 03 27 28 18 18  
Fax : (33) 03 27 49 80 41  
<http://www.eurofours.com>  
email:infos@eurofours.com

### DOOR HINGES

Standard		Option	
			
Control panel on the left	Control panel on the right	Control panel on the left	Control panel on the right
Right hinges		Left hinges	

# TECHNICAL DATA

# GAS OR FUEL OVEN WITH REVOLVING TROLLEY



## Dimensions (mm)

Model	NG90-NG108 ①	NG120-NG144 ①	NG180 ②	NG216 ②
Trays dimensions	400X800 460X800 460X660	600X800	800X800	800x1000 750x900 600x1100
L	1300	1500		1600
P	1530	1590		1980
Weight	1130 Kg	1200 Kg		1350 Kg
PC	1430	1490		1880
PT	1830	1890		2280
PO	2255	2415		3005
LP	660	760		1060
PA	635	725		935
L①	1020	1220		1270
L②	1070	1270		1370
P②	135	135		145
L③	540	640		690
P③	1260	1320		1810
H④		250		260
L④	1180	1385		1475
L⑤	650	750		800
P⑤	765	795		890
L⑨	683	697		750
P⑨	375	385		415
L⑩	1000	1160		1230
P⑩	315	320		390

Steam: 1 reducer 200-153 + 2 pipes 1m ;  
 Exhaust of burnt gases: 1 Moderator, 1 Stainless steel tee-connection + 2 pipes : 1m : Supplied with the oven

Steam :  
 1 elbow fitting, 1 Stainless steel tee-connection  
 Not supplied

## Technical data

Electrical power	3,6 kW		
Number of turbines	4		
Voltage / Intensity	For : ~1x230V+N+G (option) ; Intensity = 14,75 A		
	For : ~3x230V+G (option) ; Intensity = 8,52 A		
	For : ~3x400V+N+G ; Intensity = 5,17 A		
Heating power	71 kW	90 kW	110 kW

① Electrical connection through junction box at 1m of the coupling point

② Cold water connection at 1m of the coupling point  $\varnothing$  3/4 : 3 bar mini - 5 bar maxi

③ Steam exhaust pipe  $\varnothing$  153mm (  $\varnothing$ 200)

④ Drain overflow pipe  $\varnothing$  1/2

⑤ Gear motor

⑩ Exhaust dumper gas duct

①  $\varnothing$ 200mm

②  $\varnothing$ 250mm

⑨ Gas burner  $\varnothing$  20/22mm

Fuel burner  $\varnothing$  10mm

## Energy Flow

Gas naturalH-G20	7,51 m3/h	8,78 m3/h	11,63 m3/h
Gas naturalL-G25	8,73 m3/h	10,21 m3/h	13,53 m3/h
Propane G31	5,51 Kg / h	6,44 Kg / h	8,54 Kg / h
Fuel oil	7,95 L / h	10,08 L / h	12,32 L / h

**OPTION : Electrical Box fitted on the roof of the oven**

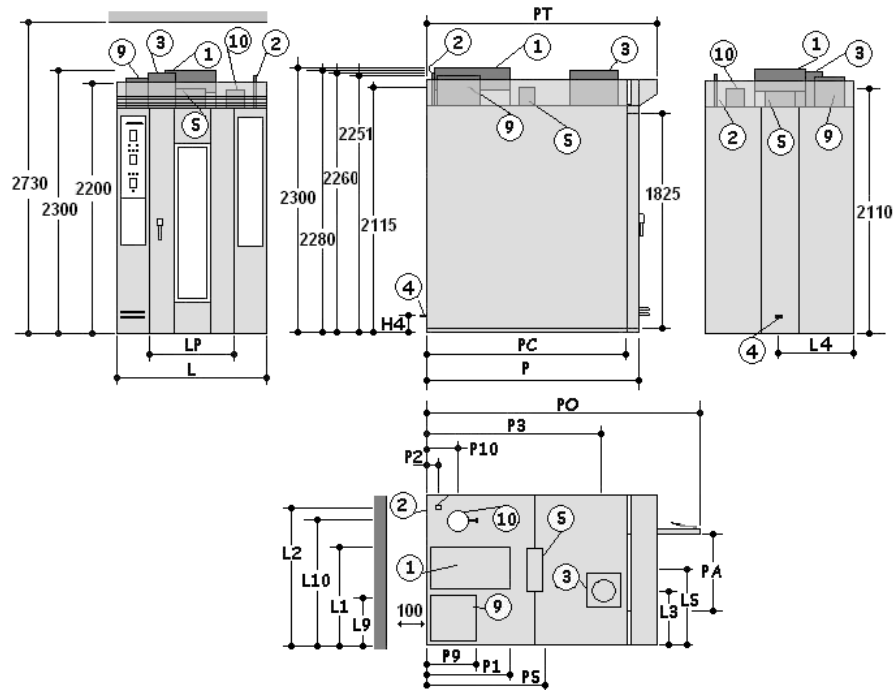
**ONLY on NG120/144 CE - NG180/216 ?**

**CAUTION : IN THAT CASE, A 2730 mm HEIGHT AT THE MINIMUM HAS TO BE SCHEDULED**



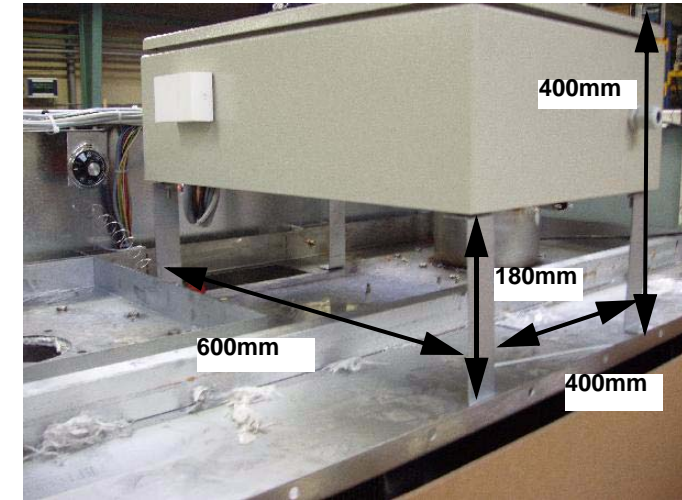
Inlets ①, ②, ⑨ and outlets ③, ④, ⑩ are at customer's charge and have to be in-service the day of installation

## Electrical Box fitted on the roof of the oven



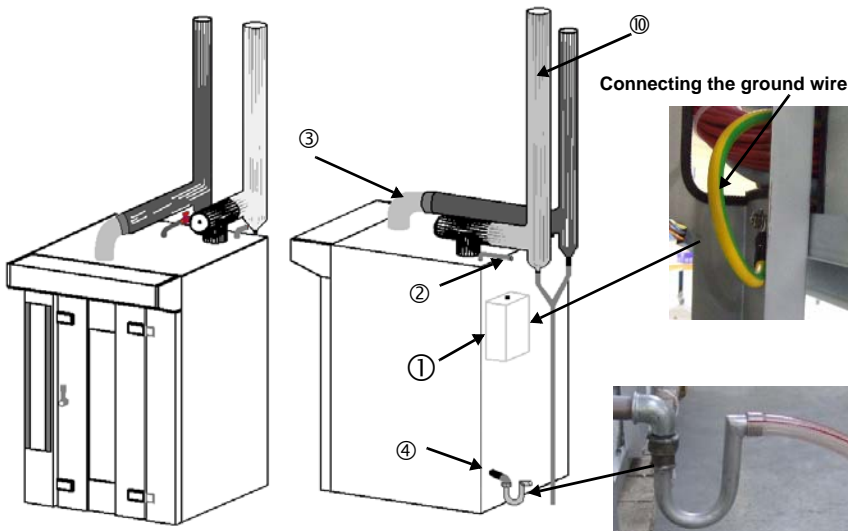
### Dimensions (mm)

Model	NG120 - NG144 ①	NG180 ② - NG216 ②
L1	750	800
P1	718	748
H1 Door open	2670	



**Attach the electrical wire bundle coming out from the box. it musn't touch the oven insulation.**

## REAR VIEW / CONNECTIONS



①	Electric supply	
②	Water solenoid valve (Steam option)	Ø 3/4 - 3 bars mini - 5 bars maxi
③	Steam exhaust pipe	Ø 153mm
④	Drain overflow pipe	Ø 1/2
⑩	Exhaust of burnt gases	① Ø 200mm - ② Ø 250mm

In case of electrical box located at the rear of the oven, the minimum headroom must be 2,60m and the minimum space between the rear of the oven and the wall must be 600mm .

In case of electrical box located on the roof of the oven, the minimum headroom must be 2,73m and the minimum space between the rear of the oven and the wall must be 100mm .

With the oven, are supplied :

\* for models NG90, NG108, NG120 et NG144 :

4 nozzles Ø200, 1 reducing coupling 200-153, 1 moderator 1 tee Ø200 and 1 x ( square elbow 3/4 MF in cast iron + drain trap Ø1/2 + reducing coupling FF 3/4x1/2).

\* for models NG 180 and NG216 :

2 nozzles Ø200, 2 nozzles Ø250, 1 reducing coupling 200-153, 1 moderator 1 tee Ø250 and 1 x square elbow 3/4 MF in cast iron + drain trap Ø1/2 + reducing coupling FF 3/4x1/2.

In case of juxtaposed ovens, it is requested for the installation to plan :

- ✓ independent steam outlets.
- ✓ a steam exhaust at 1 meter above the ovens and an adequate extraction.
- ✓ independent excess drains (steam system).

If above mentioned conditions are not respected, you can have the steam of a working oven which enter in an adjoining oven, involving in this one an excessive condensation, source of corrosion.

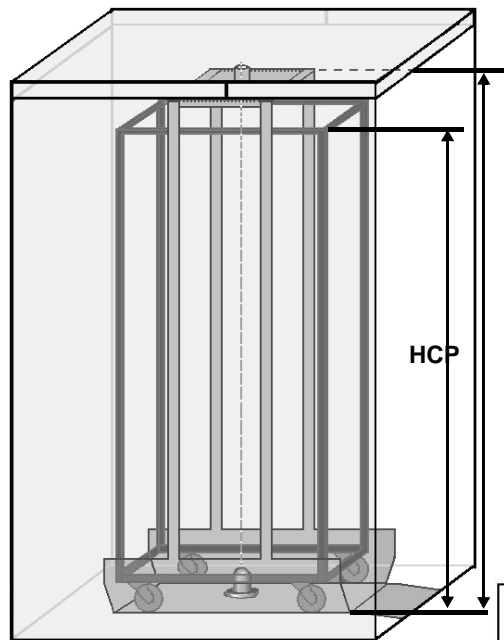
# GENERAL CHARACTERISTICS OF TROLLEYS

## Rotary system with turning bottom tray

	Model	NG90	NG108	NG120	NG144	NG180	NG216
Maximum free path height	HPAP	1820					
Rotation diameter	DM	900				1160	
Trolley width	LC	460	520	660	860		
Trolley height	HCP	1745					

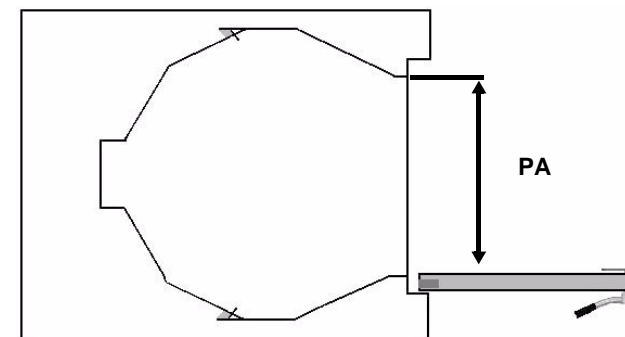
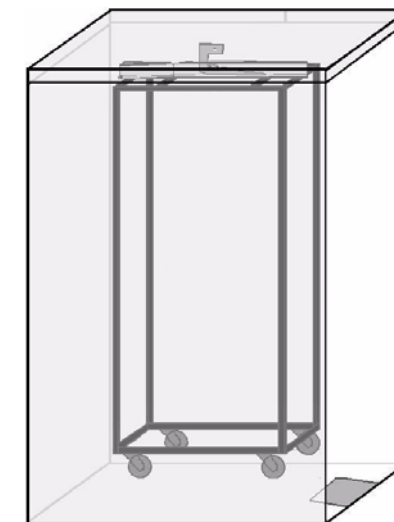
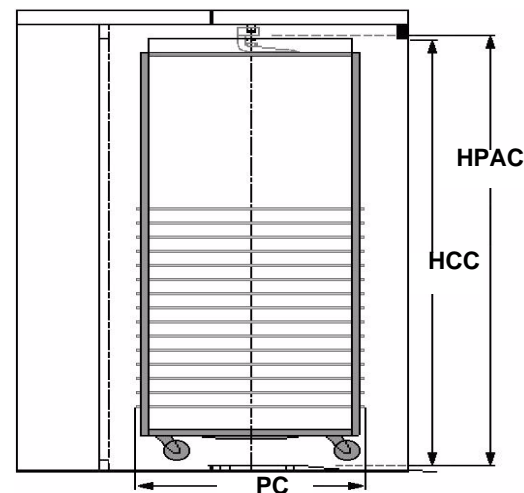
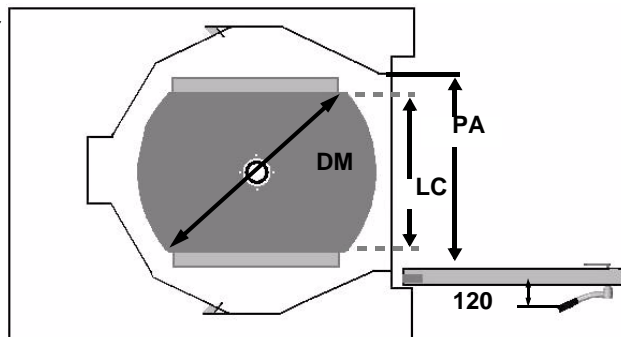
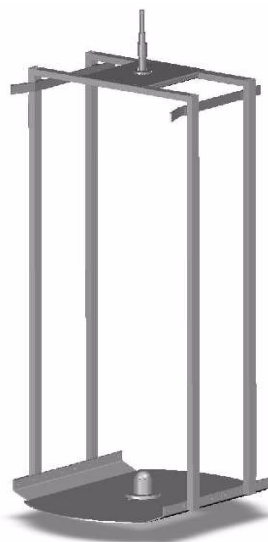
## Rotary system with top hooking

	Model	NG90	NG108	NG120	NG144	NG180	
Maximum free path height	HPAC	1830					/
Trolley height	HCC	1798					/
Trolley depth	PC	812					/



HPAP

HCP



	Model :	NG90	NG108	NG120	NG144	NG180	NG216
Maximum free path width	PA	635			735		935

The trolley rotates in clockwise at a speed of 4 rpm.