





# **ProfitLine (PRR)**

### The industrial solution for smoking, drying and cooking

#### **Advantages**

#### Wide variety of flavours and colours:

All external and various internal smoke generation systems, such as smouldering smoke, condensate smoke, friction smoke or liquid smoke, are available for smoking.

#### Efficiency:

Due to two fans an extensive air circulation guarantees constant product quality with minimum weight loss upon drying and smoking despite maximum trolley loading.

#### **Designed for industry:**

- · Wide door opening clearance
- The central air conditioning system incorporates all required equipment such as a heat exchanger, a central circulation fan, an air alternating damper, fresh air and smoke supplies and a mixing chamber for air conditioning.

#### Minimum energy consumption:

Individual air circulation and optimal use of fresh air energy during drying enormously reduce your process times and thus the energy requirements. The system as well as the air handling unit are fully insulated.

#### **Characteristics**

#### Use:

ProfitLine systems are universal allrounders due to the horizontal and vertical air circulation, regardless whether products are placed horizontally on mesh shelves or suspended on smokesticks.

#### Possible processes:

- · drying, showering
- · hot and cold smoking
- · cooking, hot air finishing, roasting and baking

#### Air systems:

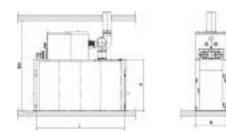
- Two variable-speed fans within the program step (no loss through alternating dampers)
- · The air is optimally adjustable to the corresponding product
- A very high uniformity is provided by the enormous air circulation speed
- · Even with trolleys > 2 m height
- fully insulated central air handling unit (very high air speed in contact with the products)

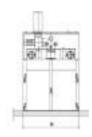
#### Hygiene

- · Segment panel construction, completely weldable
- · Automatic interior cleaning



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	PRR type	Number of trolleys	Door opening clearance (cm)		Cabinet dimensions (incl. extension) (cm)		Minimum room height (aggregate on top) (cm)	Electric	<b>Heating</b> Steam	Heating Electric	<b>Heating</b> Oil; Gas	Cooling system Cold smoke from-to	Low pressure steam/ Water Cooking	<b>Water</b> Shower	
			width	height	height[H]	width[B]	length[L] <sup>①</sup>	height[RH]	kW <sup>©</sup>	kW <sup>②</sup>	kW <sup>②</sup>	kW <sup>②</sup>	kg/h <sup>②</sup>	I/min <sup>②</sup>	kg
	1043	4	120	210	275	170	473	400	23	140	120	160	20-40	187	50
Ę	1053	5	120	210	275	170	584	450	31	174	150	200	25-50	234	60
Tandem	1063	6	120	210	275	170	695	450	38	209	180	240	30-60	281	70
Ē	1073	7	120	210	275	170	806	480	38	244	210	280	35-70	327	80
	1083	8	120	210	275	170	917	480	45	279	240	320	40-80	374	90
_	2063	6	(2x) 120	210	275	300	362	450	38	209 180 2	240	30-60	281	70	
Parallel	2083	8	(2x) 120	210	275	300	473	480	45	279	240	320	40-80	374	90
Par	2103	10	(2x) 120	210	275	300	584	500	61	349	300	400	50-100	468	110
	2123	12	(2x) 120	210	275	300	695	500	75	419	360	480	60-120	561	130
			wedge (2x for tunnel)				plus 15								
		without tunnel				minus 8.5									
	also cons				on request			on request							
			lifting doors					min. 500							
				aggregate at rear/ at side		possible/[RH] reduced to 350-400									

Features	Description	Standard	Options	Further flyers
Operation	external operating controls	X		Control and documentation systems
	electric (160°C)	Х		
	low pressure (80 °C)	X		
Standard heating (optional)	high pressure (120 °C)	X		
(optional)	oil (160 °C)	×		
	gas (160 °C)	×		
Additional heating	gas or electric up to max. 200°C		X	
	external smoke generator		X	External smoke generators
O las	internal smoke generator		X	Internal smoke generators
Smoke	RONDAIR exhaust reduction system		X	
	exhaust air cleaning		X	Environment and energy efficiency systems
Oleverine	interior cleaning	for PRR systems	for PK systems	
Cleaning	cleaning equipment		X	Cleaning systems
Cooking	chamber 1.4571/AISI 316	for PK systems	for PRR systems	
Exhaust air system	exhaust air fans	for PRR systems	for PK systems	
Cold smoke	cooling system		X	
O. P. C.	showering		X	
Cooling	ice water		X	Environment and energy efficiency systems
Horizontal air flow	horizontal air circulation system		up to 1063 / 2083	
	double-walled, without slope	X		
	slope in the system		X	
Floor	reinforced		X	
	recessed		X	
	anti-slide profile		X	
Doors	lifting door hinge	X		
Towns of the Con-	additional doors on the unloading side		X	
Tunnel design	interlocking		X	
Lifting doors	instead of swing doors		X	
	pneumatic post outlet	X		
Drainage	automatic door opening		X	
	floor transport (automatic)		X	Semi-continuous batch systems
Transport systems	overhead rail (automatic)		X	Semi-continuous batch systems
	overhead rail with max. 1t/cart place (man.)		X	

with tunnelapproximately connected loads