



# ProfitLine

## 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:

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.

### 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 smoke-sticks.

#### Possible processes:

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

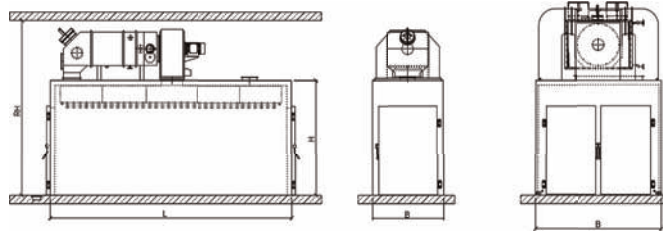
#### Air systems:

- Direct drive with frequency converter
- Central air handling unit  
(very high air speed in contact with the products)

#### Hygiene:

- Segment panel construction
- Automatic interior cleaning

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	PRR type	Number of trolleys	Door opening clearance (cm)		Cabinet dimensions (incl. extension) (cm)			Min. room height (aggregate on top) (cm)	Electric kW <sup>⊖</sup>	Heating Steam kW <sup>⊖</sup>	Heating Electric kW <sup>⊖</sup>	Heating Oil; Gas kW <sup>⊖</sup>	Cooling system Cold smoke from-to kg/h <sup>⊖</sup>	Low pressure steam/Water Cooking l/min <sup>⊖</sup>	Water Shower kg	Weight kg		
			width	height	height[H]	width[B]	length[L] <sup>⊖</sup>											
Tandem	1043	4	120	210	275	170	473	400	17,2	140	116	160	20-40	184	50	3200		
	1053	5	120	210	275	170	584	450	23,2	174	145	200	25-50	230	65	3700		
	1063	6	120	210	275	170	695	450	25,2	209	175	240	30-60	276	75	4200		
	1073	7	120	210	275	170	806	480	31,5	244	203	280	35-70	322	85	4700		
	1083	8	120	210	275	170	917	480	35,5	279	232	320	40-80	368	100	5200		
Parallel	2063	6	(2x) 120	210	275	300	362	450	25,2	209	175	240	30-60	276	75	3800		
	2083	8	(2x) 120	210	275	300	473	480	35,5	279	233	320	40-80	368	100	4600		
	2103	10	(2x) 120	210	275	300	584	500	44,5	349	291	400	50-100	460	125	5400		
	2123	12	(2x) 120	210	275	300	695	500	55,5	419	349	480	60-120	552	150	6200		
also to be considered			wedge (2x for tunnel)				plus 15											
			without tunnel				minus 8.5											
			overhead rail		on request				on request									
			lifting doors						min. 500									
			aggregate at rear / at side						possible/[RH] reduced to 350-400									

⊖ with tunnel

⊖ approximately connected loads

Features	Description	Standard	Options	Further flyers
Operation	external operating controls	x		Control and documentation systems
Standard heating (optional)	electric (160 °C)	x		
	low pressure (80 °C)	x		
	high pressure (120 °C)	x		
	oil (160 °C)	x		
	gas (160 °C)	x		
Additional heating	gas or electric up to max. 200 °C		x	
Smoke	external smoke generator		x	External smoke generators
	internal smoke generator		x	Internal smoke generators
	RONDAIR exhaust reduction system		x	
	exhaust air cleaning		x	Environment and energy efficiency systems
Cleaning	interior cleaning	for PRR systems	for PK systems	
	cleaning equipment		x	Cleaning systems
Cooking	chamber 1.4571 / AISI316	for PK systems	for PRR systems	
Exhaust air system	exhaust air fans	for PRR systems	for PK systems	
Cold smoke	cooling system		x	
Cooling	showering		x	
	iced water		x	Environment and energy efficiency systems
Horizontal air flow	horizontal air circulation system		up to 1063	
Floor	double-walled, without slope	x		
	anti-slide profile		x	
Doors	lifting door hinge, lifting 15mm	x		
Tunnel design	additional doors on the unloading side		x	
	interlocking		x	
Lifting doors	instead of swing doors		x	
Drainage	pneumatic post outlet	x		
Transport systems	floor transport (automatic)		x	Semi-continuous unit systems
	overhead rail (automatic)		x	Semi-continuous unit systems
	overhead rail with max. 1t/cart place (man.)		x	