



## Compact Flatwork Ironers



Wide range of compact machines for all types of business

## Wide range of compact machines for all types of business.

Fagor Professional presents its new, wider range of compact flatwork ironers, the perfect, innovative solution for drying-ironing flatwork, whatever our customers' needs.



PHOENIX

## VERSATILITY

The models with lengthwise and sideways folder and stacker, and the option of front or back output, offer great flexibility to suit any type of space and use.

## PERFORMANCE

Fagor Professional's calenders are designed to provide top performance and productivity with truly outstanding energy efficiency and time savings, and their operating simplicity mean that maintenance costs are practically non-existent.

## EFFICIENCY

The new gas-heated models with radiant burner **increase the energy efficiency and raise the production by 25%** compared to a calender with an atmospheric burner.

## QUALITY

Quality in the ironing of flatwork with our machines is recognised by users and valued as one of the most outstanding features.



POSEIDON



POLARIS

# Compact flatwork ironers

## Up to 290 KG

This range is composed of three basic models with their different options in terms of capacity (diameter 600, 800 and 1000 mm and length 2,600 and 3,300 mm) and heating type (electric, gas and steam).

## Phoenix

This is the most complete model. In a single model and one or two lanes, the linen can be dried, ironed and folded lengthways and sideways, and stacked in a linen stacker to the side. It is possible for all this to be done by just one person.

- 2 lengthways folds.
- 3 sideways folds.



## Poseidon

This calender model dries and irons the linen as well as making up to two lengthways folds on 1 or 2 lanes.

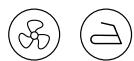
- 2 lengthways folds.



# Polaris

This is the simplest machine of the family. It dries and irons the flatwork, without any folding.

- Drying and ironing.



RANGE	TYPE OF FOLDING	ROLLER DIAMETER (mm)	HEATING	LENGTH OF ROLLER (mm)	
				2600	3300
PHOENIX	2 LENGTHWISE 3 SIDEWAYS STACKER	600	Electric, gas and steam	SPE600-2600	SPE600-3300
		800		SPE800-2600	SPE800-3300
		1000		SPE1000-2600	SPE1000-3300
POSEIDON	2 LENGTHWISE	600	Electric, gas and steam	SP600-2600	SP600-3300
		800		SP800-2600	SP800-3300
		1000		SP1000-2600	SP1000-3300
POLARIS	WITHOUT FOLDER	600	Electric, gas and steam	SP600-2600	SP600-3300
		800		SP800-2600	SP800-3300
		1000		SP1000-2600	SP1000-3300

# Phoenix

PHOENIX ironers are the only compact machines which can insert, dry, iron, fold and stack flatwork in a single operation.

## The space revolution

It is a real revolution in those laundries which do not have a large space but need to process large quantities of flat linen.

## Work from the front

These machines need no more than 27 square metres to be able to operate at full capacity, thanks to their compact design, and since they can be run exclusively from the front of the machine.



# All the operations in a minimum of space and with a single machine.

An optional automatic clamp feeder is available for these machines, which allows the machine to be run by a single operator. The linen is folded and collected in the side stacker incorporated.

A serviette folder can be attached at the back for smaller pieces, streamlining operation and increasing the productive capacity.

## Characteristics

- Roller dimensions: 2600 and 3300 mm long, and 600, 800 and 1000 mm diameter.
- Unit exterior in lacquered steel.
- One or two working lanes: one lane for bedsheets, or two lanes for tablecloths and smaller pieces.
- Lengthwise folding (1 or 2 folds) and sideways folding (up to 3 folds).
- Folding by photocells and compressed air.
- Two types of side linen stacker, with the possibility of programming the number of pieces stacked. The stacker can be positioned on either side of the machine.
- Variable-frequency drive.- Variador de frecuencia.
- Insertion and ironing belts in Nomex.
- Touch-screen control: programs can be created with speed control (between 3 and 18 m/min), temperature and folding parameters.
- High output capacity, depending on the residual moisture of the linen, up to 290 kg/h directly from the high spin washer extractor.
- Electric, gas or steam heating.
- New radiant burner, standard in models with 1000 mm roller diameter.
- Powerful vapour extraction system.

## Options for Phoenix models

- Automatic one-lane clamp feeder with vacuum feeding belts.
- Small pieces back collector with 2 or 4 lanes.
- Vacuum table to aid linen insertion.
- Partial bypass, so different programs can be used in each of the two working lanes.
- Linen reject system.
- Double air pressure in lengthwise folds for thicker linen.
- New radiant burner for models with 800 mm roller diameter.



**Compact stacker**  
10/15 tablecloths  
10 sheets



**Compact ROLL-OFF stacker**  
5 tablecloths  
10 sheets



**Compact stacker**  
+ Two-lane serviette collector  
+ Smarty



**Two-lane serviette collector**

## Poseidon and Polaris

These calenders are the least complex and least costly models of the whole Fagor Professional family of high-production calenders. They are compact wall machines, which offer a high output of up to 290 kg/hour.

### Poseidon

The POSEIDON models come with a precise lengthwise folder. This folder can make up to two lengthwise folds in two completely independent working lanes if desired. The folds are made by means of a system of photocells and compressed air, ensuring a perfect fold.

### Polaris

The POLARIS models on the other hand are dryer-ironers only, with the option of working as pass-through machines, without any type of folding.



POSEIDON  
with optional automatic feeder



# Poseidon and Polaris

Compact, high-production machines.

## Characteristics

- Roller dimensions: 2600 and 3300 mm long, and 600, 800 and 1000 mm diameter.
- Unit exterior in lacquered steel.
- One or two working lanes: one lane for bedsheets, or two lanes for tablecloths and smaller pieces.
- Lengthwise folding with 1 or 2 folds in two independent lanes (POSEIDON).
- Folding by photocells and compressed air.
- Variable-frequency drive.
- Insertion and ironing belts in Nomex.
- Touch-screen control: programs can be created with speed control (between 3 and 18 m/min), temperature and folding parameters (-).
- High output capacity, depending on the residual moisture of the linen, up to 290 kg/h directly from a high-spin washer extractor.
- Electric, gas or steam heating.
- Powerful vapour extraction system.
- New radiant burner for models with 800 mm roller diameter.

## Options

- Automatic one-lane clamp feeder with vacuum feeding belts.
- Small pieces back collector with 2 or 4 lanes.
- Vacuum table to aid linen insertion.
- Linen reject system.
- Double air pressure in lengthwise folds for thicker linen (only Poseidon models).
- Back output of linen with collecting table.
- New radiant burner for models with 800 mm roller diameter.



POLARIS



## Features and characteristics, Phoenix flatwork ironers

		SPE600-2600	SPE600-3300	SPE800-2600	SPE800-3300	SPE1000-2600	SPE1000-3300
<b>GENERAL INFORMATION</b>							
Theoretical production 50% moisture	kg/h *	125	160	170	220	225	290
Theoretical production 50% moisture (radiant gas)	kg/h *	-	-	195	253	257	331
Ø roller	mm	600	600	800	800	1000	1000
Useful width	mm	2600	3300	2600	3300	2600	3300
Height floor-insertion table	mm	1100	1100	1110	1110	1110	1110
Operational speed	mt/min	3-10	3-10	3-13	3-13	4-18	4-18
Control type		TOUCH	TOUCH	TOUCH	TOUCH	TOUCH	TOUCH
Programs	nº	20	20	20	20	20	20
Side stacker		Yes	Yes	Yes	Yes	Yes	Yes
<b>FOLDING</b>							
1 Lane · lengthwise fold	nº	1-2	1-2	1-2	1-2	1-2	1-2
1 Lane · sideways fold	nº	1-2-3	1-2-3	1-2-3	1-2-3	1-2-3	1-2-3
2 Lane · lengthwise fold	nº	1-2	1-2	1-2	1-2	1-2	1-2
2 Lane · sideways fold	nº	1-2	1-2	1-2	1-2	1-2	1-2
<b>POWER RATINGS</b>							
Elec.	Heating power	kw	60	60	75	75	90
	Total electrical power	kw	63,1	63,1	78,5	78,5	93,9
Gas	Heating power	kw	65	82	89	127	120
	Total electrical power	kw	3,1	3,1	3,5	3,5	3,9
Steam	Heating power	kw	55	75	85	110	120
	Total electrical power	kw	3,1	3,1	3,5	3,5	3,9
<b>CONNECTIONS</b>							
Ø gas inlet	bSP	1"	1"	1"	1"	1"	1"
Ø steam inlet	bSP	1"	1"	1"	1"	1-1/4"	1-1/4"
Ø condensation (steam models)	bSP	1/2"	1/2"	1/2"	1/2"	1"	1"
Ø air inlet	mm	12	12	12	12	12	12
<b>DIMENSIONES</b>							
Width	mm	3718	4418	3718	4418	3718	4418
Depth	mm	2209	2209	2209	2209	2289	2289
Height	mm	1810	1810	2080	2080	2279	2279
Weight	kg	2686	3080	3350	3730	3960	4460
Volume	m³	14,87	17,66	17,08	20,30	19,40	23,05
<b>DIMENSIONS WITH PACKAGING</b>							
Width	mm	3800	4500	3800	4500	3800	4500
Depth	mm	2300	2300	2300	2300	2380	2380
High	mm	2060	2060	2330	2330	2529	2529
Weight	kg	3050	3680	3750	4330	4410	5110
Volume	m³	18,00	21,32	20,36	24,12	22,87	27,09
<b>OTHER</b>							
Nº exhaust outlets	nº	2	2	2	2	2	2
Ø exhaust outlet	mm	120	120	120	120	120	120
Suction air flow	m³/h	2x1000	2x1000	2x1000	2x1000	2x1000	2x1000
Air consumption (6.5 Bar)	nl/h	15000	15000	19000	19000	21000	21000
Noise level	dB	< 70	< 70	< 70	< 70	< 70	< 70

## Stackers

	UNITS	SIDE STACKER	COMPACT SIDE STACKER	STACKER FOR SMALL PIECES 2 LANES	STACKER FOR SMALL PIECES 4 LANES
Installed electric power	kW	0,36	0,36	0,37	0,37
Air consumption (6.5 Bar)	nl/h	1080	1080	600	600
Net dimensions	mm	1365x2476x1200	685x2385x660	1871x535x842	3490x535x842
Net weight	kg	450	160	100	160
Gross dimensions	mm	1400x2350x1400	800x2300x850	1920x600x1042	3540x600x1042
Gross weight	kg	600	230	180	280

## Features and characteristics, Poseidon and Polaris flatwork ironers

	POSEIDON						POLARIS					
	SP600-2600	SP600-3300	SP800-2600	SP800-3300	SP1000-2600	SP1000-3300	S600-2600	S600-3300	S800-2600	S800-3300	S1000-2600	S1000-3300
<b>GENERAL INFORMATION</b>												
Theoretical production 50 % moisture kg/h *	125	160	170	220	225	290	125	160	170	220	225	290
Theoretical production 50% moisture (radiant gas) kg/h *	-	-	195	253	257	331	-	-	195	253	257	331
Ø roller mm	600	600	800	800	1000	1000	600	600	800	800	1000	1000
Useful width mm	2600	3300	2600	3300	2600	3300	2600	3300	2600	3300	2600	3300
Height floor-insertion table mm	1050	1050	970	970	1050	1050	1050	1050	970	970	1050	1050
Operational speed mt/min	3-10	3-10	3-13	3-13	4-18	4-18	3-10	3-10	3-13	3-13	4-18	4-18
Control type	TOUCH	TOUCH	TOUCH	TOUCH	TOUCH	TOUCH	TOUCH	TOUCH	TOUCH	TOUCH	TOUCH	TOUCH
Programs n°	20	20	20	20	20	20	-	-	-	-	-	-
Side stacker	-	-	-	-	-	-	-	-	-	-	-	-
<b>FOLDING</b>												
1 Lane · lengthwise fold n°	1-2	1-2	1-2	1-2	1-2	1-2	-	-	-	-	-	-
1 Lane · sideways fold n°	-	-	-	-	-	-	-	-	-	-	-	-
2 Lane · lengthwise fold n°	1-2	1-2	1-2	1-2	1-2	1-2	-	-	-	-	-	-
2 Lane · sideways fold n°	-	-	-	-	-	-	-	-	-	-	-	-
<b>POWER RATINGS</b>												
Elec.	Heating power kw	60	60	75	75	90	90	60	60	75	75	90
	Total electrical power kw	61,9	61,9	77,2	77,2	92,6	92,6	61,9	61,9	77,2	77,2	92,6
Gas	Heating power kw	65	82	89	127	117	156	65	82	89	127	117
	Total electrical power kw	1,9	1,9	2,2	2,2	2,6	2,6	1,9	1,9	2,2	2,2	2,6
Steam	Heating power kw	55	75	85	110	120	150	55	75	85	110	120
	Total electrical power kw	1,9	1,9	2,2	2,2	2,6	2,6	1,9	1,9	2,2	2,2	2,6
<b>CONNECTIONS</b>												
Ø gas inlet bSP	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"
Ø steam inlet bSP	1"	1"	1"	1"	1-1/4"	1-1/4"	1"	1"	1"	1"	1-1/4"	1-1/4"
Ø condensation (steam models) bSP	½"	½"	½"	½"	1"	1"	½"	½"	½"	½"	1"	1"
Ø air inlet mm	12	12	12	12	12	12	12	12	12	12	12	12
<b>DIMENSIONES</b>												
Width mm	3674	4374	3786	4486	3786	4486	3674	4374	3786	4486	3786	4486
Depth mm	1445	1445	1770	1770	1985	1985	1445	1445	1770	1770	1985	1985
Height mm	1810	1810	1980	1980	2180	2180	1810	1810	1980	1980	2180	2180
Weight kg	2050	2300	2535	2835	3350	3950	1800	2050	2350	2550	3100	3700
Volume m³	9,61	11,44	13,27	15,72	16,38	19,41	9,61	11,44	13,27	15,72	16,38	19,41
<b>DIMENSIONS WITH PACKAGING</b>												
Width mm	3760	4460	3870	4570	3870	4570	3760	4460	3870	4570	3870	4570
Depth mm	1540	1540	1860	1860	2070	2070	1540	1540	1860	1860	2070	2070
High mm	2060	2060	2230	2230	2380	2380	2060	2060	2230	2230	2380	2380
Weight kg	2300	2600	2885	3335	3800	4500	2050	2350	2700	3050	3550	4250
Volume m³	11,93	14,15	16,05	18,96	19,07	22,51	11,93	14,15	16,05	18,96	19,07	22,51
<b>OTHER</b>												
Nº exhaust outlets n°	2	2	2	2	2	2	2	2	2	2	2	2
Ø exhaust outlet mm	120	120	120	120	120	120	120	120	120	120	120	120
Suction air flow m³/h	2x1000	2x1000	2x1000	2x1000	2x1000	2x1000	2x1000	2x1000	2x1000	2x1000	2x1000	2x1000
Air consumption (6.5 Bar) nl/h	7000	7000	9000	9000	9500	9500	5000	5000	5000	5000	5000	5000
Noise level dB	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70



ONNERA GROUP



Q



ISO 9001



GA-2006/0166



ER 022/1/91

CE



ACTIVELY SUPPORTING

Santxolopetegi auzoa, 22  
20560 Oñati, Gipuzkoa (España)

Tel. (+34) 943 71 80 30  
[info.laundry@fagorprofessional.com](mailto:info.laundry@fagorprofessional.com)

[www.fagorprofessional.com](http://www.fagorprofessional.com)