



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.

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.



PHOENIX



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.



POSEIDON
with optional automatic feeder



Poseidon and Polaris

Compact, high-production machines.

Characteristics

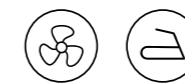
- Roller dimensions: 2600 and 3300 mm long, and 600, 800 and 1000 mm diameter.
- Unit exterior in lacquered steel.
- One or two working lanes: one lane for bedsheets, or two lanes for tablecloths and smaller pieces.
- Lengthwise folding with 1 or 2 folds in two independent lanes (POSEIDON).
- Folding 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 |
|---|------------------------|-------------|-------------|-------------|-------------|--------------|--------------|
| GENERAL INFORMATION | | | | | | | |
| 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 |
| FOLDING | | | | | | | |
| 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 |
| POWER RATINGS | | | | | | | |
| 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 | 156 |
| | 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 |
| CONNECTIONS | | | | | | | |
| 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 |
| DIMENSIONES | | | | | | | |
| 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 |
| DIMENSIONS WITH PACKAGING | | | | | | | |
| 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 |
| OTHER | | | | | | | |
| 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 | |
| GENERAL INFORMATION | | | | | | | | | | | | | | |
| 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 | nº | 20 | 20 | 20 | 20 | 20 | 20 | - | - | - | - | - | - | |
| Side stacker | | - | - | - | - | - | - | - | - | - | - | - | - | |
| FOLDING | | | | | | | | | | | | | | |
| 1 Lane · lengthwise fold | nº | 1-2 | 1-2 | 1-2 | 1-2 | 1-2 | 1-2 | - | - | - | - | - | - | |
| 1 Lane · sideways fold | nº | - | - | - | - | - | - | - | - | - | - | - | - | |
| 2 Lane · lengthwise fold | nº | 1-2 | 1-2 | 1-2 | 1-2 | 1-2 | 1-2 | - | - | - | - | - | - | |
| 2 Lane · sideways fold | nº | - | - | - | - | - | - | - | - | - | - | - | - | |
| POWER RATINGS | | | | | | | | | | | | | | |
| Elec. | Heating power | kw | 60 | 60 | 75 | 75 | 90 | 90 | 60 | 60 | 75 | 75 | 90 | 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 | 92,6 |
| Gas | Heating power | kw | 65 | 82 | 89 | 127 | 117 | 156 | 65 | 82 | 89 | 127 | 117 | 156 |
| | 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 | 2,6 |
| Steam | Heating power | kw | 55 | 75 | 85 | 110 | 120 | 150 | 55 | 75 | 85 | 110 | 120 | 150 |
| | 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 | 2,6 |
| CONNECTIONS | | | | | | | | | | | | | | |
| 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 | |
| DIMENSIONES | | | | | | | | | | | | | | |
| 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 | |
| DIMENSIONS WITH PACKAGING | | | | | | | | | | | | | | |
| 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 | |
| OTHER | | | | | | | | | | | | | | |
| Nº exhaust outlets | nº | 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



ACTIVELY SUPPORTING

