

COMPACT
SERIES

COMPACT SERIES
IRONING SYSTEM **5in1**

600/33
800/33



Introduction



Drying



Ironing



Folding



Stacking/Stocking

GIRBAU



Compact series ironing system

NEW TIMES CALL FOR NEW RESPONSES

600/33

800/33



A HOST OF BENEFITS



COMPACT

That makes it possible to integrate five different functions: **Feeding, drying, ironing, folding and stacking** in a single unit. Synchronisation and ease of operation are in the Compact ironing system's DNA.



SPACE

With Compact, less is more. In very little space, it is possible to have a professional ironing system for high levels of production.



PRODUCTIVITY

Everything in the system is designed to increase productivity: only one person is required to operate the machine, the suction feeding table makes it possible to release the article of linen quickly without having to hold it. A larger ironing surface means high production and savings in the drying process.

CHANGING IN ORDER TO IMPROVE

Compact sprang from Girbau's proactive attitude in believing that changes are made in order to improve.

More and more laundries with space or accessibility problems require an ironing system prepared for high productions.

Compact is Girbau's response: new requirements, new solutions.





MULTIFUNCTION IN ESSENCE

Multi-functionality is a concept that arises when there is a need for space and to improve the return on investment. When a single product allows us to enjoy the same functions that previously required many products at the same time, multi-functionality acquires its full meaning.

That is the essence of Compact: five functions in one single machine.

The benefits intrinsic to multi-functionality can be seen clearly in this ironing system.

GIRBAU

5in1



FEEDING

Compact makes it possible to adjust the feeding in a versatile way, with 1 or 2 people, to respond to the needs of each of your customers.



FOLDING

It makes it possible to fold up to 3 cross-folds on 1 line, plus the possibility of 2 cross-folds in 2 lines.



DRYING

The heat output of the Compact makes it possible to iron the clothes directly without needing to pass previously through the dryer. Thus, it not only saves time, but particularly the energy invested in the process of drying (one of the most expensive laundry processes).



STACKING/STOCKING

The stacker's exclusive design ensures a good stacking quality.



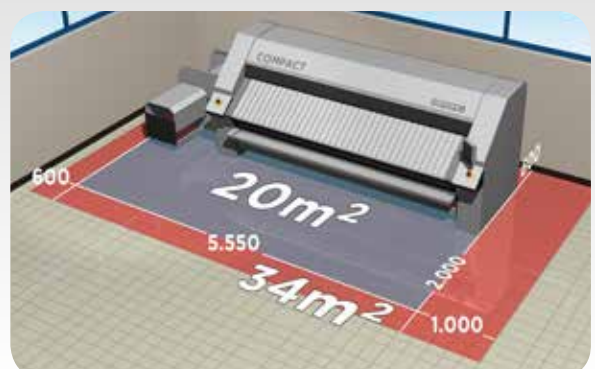
IRONING

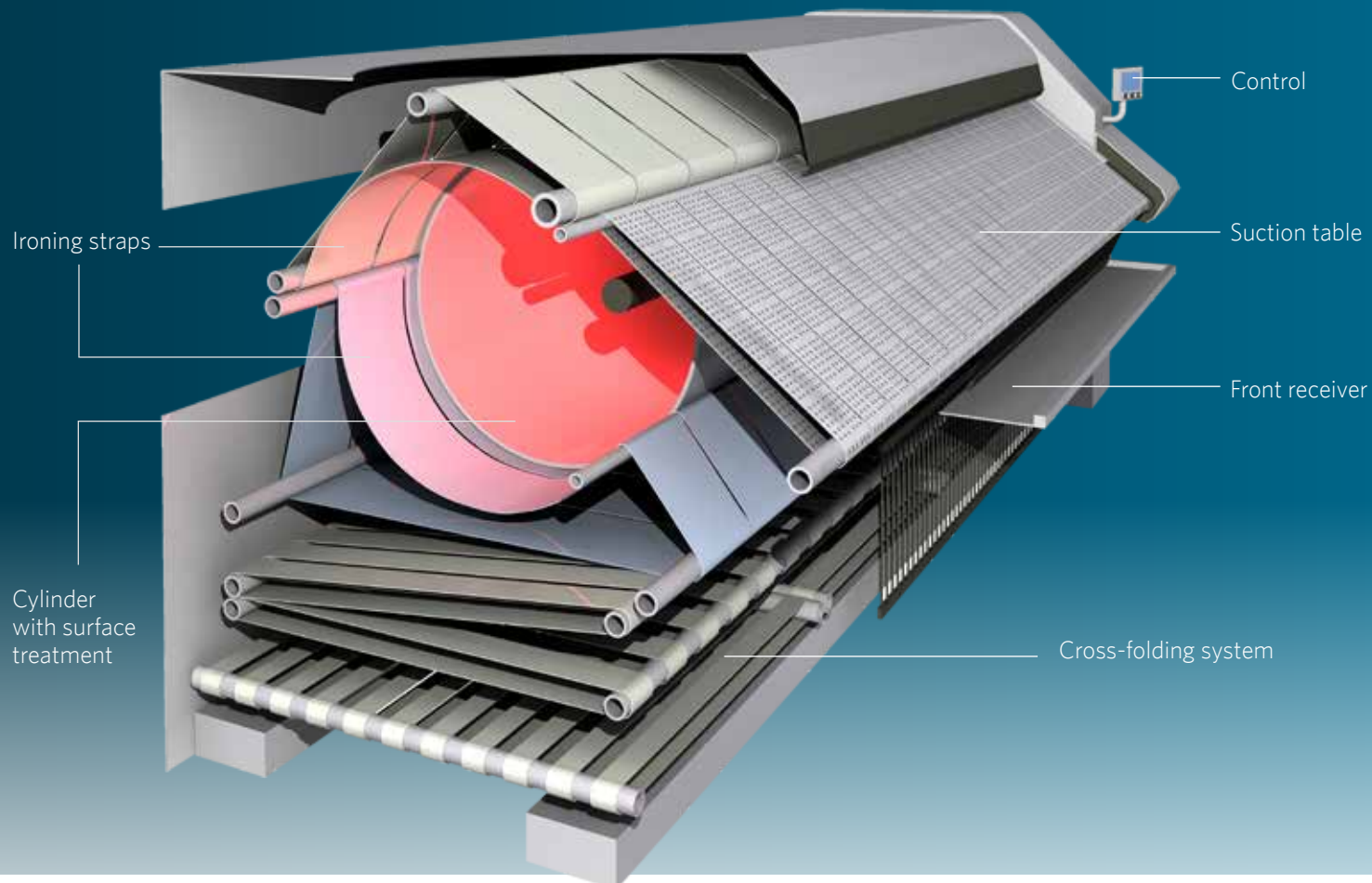
It ensures a finish of exceptional quality as a result of the treatment of the roller surface and the interwoven straps.

MINIMUM 20m² OCCUPIED / IDEAL 34m²

Space is one of the arguments that sets the Compact. The minimum operating space is only 20m² although preferably and ideally it should be 34m².

Industrial ironing system is now possible for all those who until now had to reject this option due to space problems.





ERGONOMICS

Working with the Compact System is easy and ergonomic. The feeding table has a very extensive surface area. All that needs to be done is to extend the initial part of the article and the suction system helps to position it and hold it firmly in place so that it is well spread out, thereby avoiding the formation of creases during ironing.



FINISHING QUALITY

The final ironing quality is achieved by means of different variables. On the one hand, the linen is in contact with the surface of the roller for longer (the linen passes over 270° of the total of the cylinder). In addition, the **interwoven arrangement** of the two strap circuits prevents any marks from transferring to the linen.



CARING AND GENTLE TREATMENT OF THE FABRIC

In addition to high-quality ironing, the treatment applied to the Compact cylinder ensures delicate care, thereby extending the life of the fabric.



GIRBAU

VERSATILITY FOR EACH SECTOR

HOTELS, HOSPITALS, CLINICS, ETC. MEDIUM-SIZED LAUNDRIES FOCUSED ON GROWTH

The Compact is chameleonic. Its modularity and versatility means that it can fit into all those laundries with little space that need high ironing productions.

Hotels or establishments with centralised laundries can overcome obstacles such as difficult access, limitations of space or restricted locations since the machine can be mounted in the same workplace.

Hospitals, clinics or centres for the elderly are other types of businesses that can benefit from an internal industrial laundry with the Compact System, without this meaning higher operator costs or requiring a large work area.

Finally, **medium-sized industrial laundries** that are growth-oriented can count on the Compact, offering as it does industrial production without having to invest in an ironing system that requires a larger premises.





FEEDER

FEEDING CLAMPS

The feeding clamps ensure that the article is always well centred so that during the subsequent folding the folds and stacking are impeccable. Safe and ergonomic, the clamps make it possible for a single person to feed in large-sized articles of linen.



DE-CREASING BRUSHES

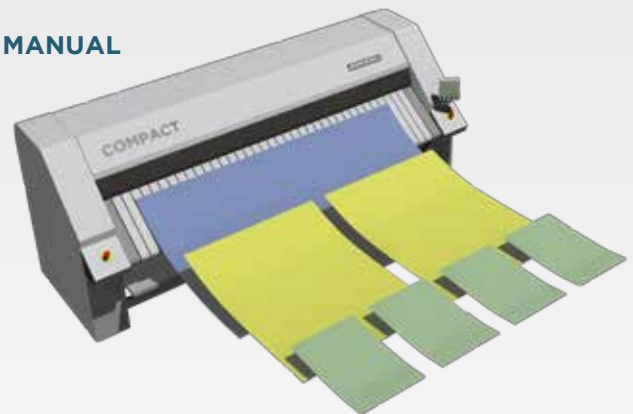
A system of brushes ensures that the article of linen is well stretched out, both on the sides and the last part to be fed in. A proper stretching prevents creases from forming later.



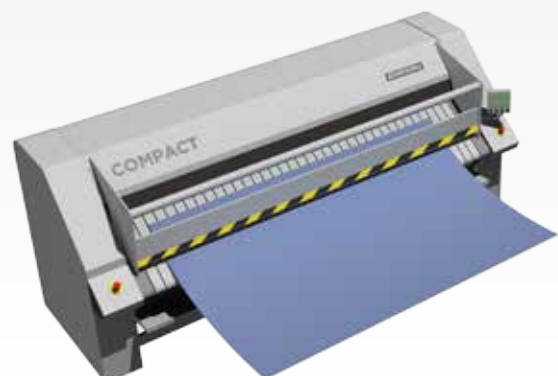
FEEDING LANES

The Compact can be configured for 1, 2 or 4 lanes, with 1 lane for sheets, 2 for table linen and 4 for small articles (such as napkins or pillowcases).

MANUAL



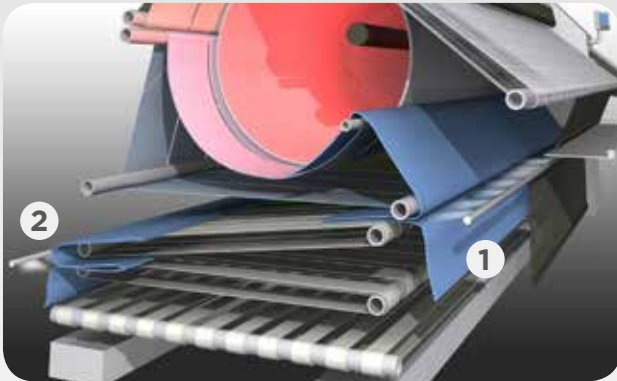
AUTOMATIC (with feeder)



FOLDING

STANDARD

PRIMARY



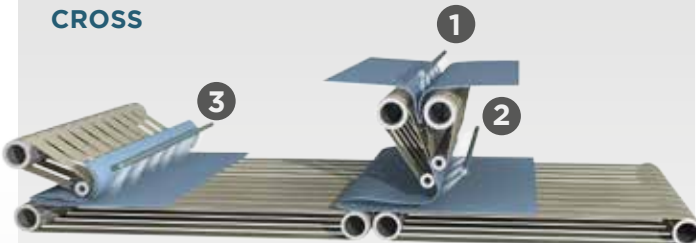
1 LINE

Performs two primary (lengthwise) folds. Straightforward and reliable folding, adapted to the majority of needs. Cost effective and economical. Suitable for articles of up to 3 metres long (folded size 800mm).

Performs one or two primary folds on **1 line**.



CROSS



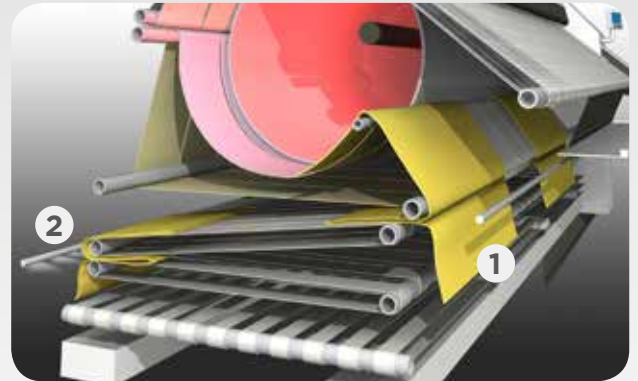
1 LANE

With the Standard version the automatic cross fold is performed on a single line. Up to 3 folds can be performed. These folds are performed with air of by reversing the belts.



MULTILINE

PRIMARY



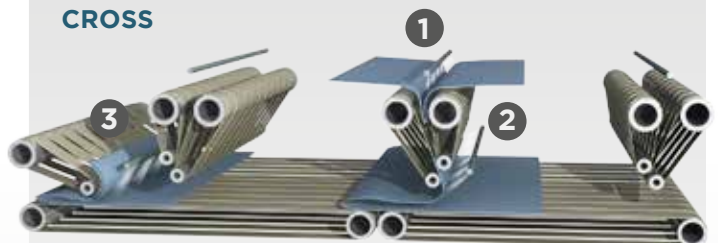
2 LINES

Performs two primary (lengthwise) folds. Straightforward and reliable folding, adapted to the majority of needs. Cost effective and economical. Suitable for articles of up to 3 metres long (folded size 800mm).

Performs one or two primary folds on **2 lines**.

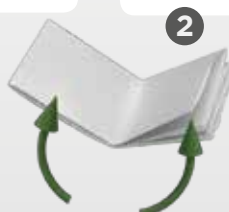


CROSS



MULTILINE

With the Multiline version, the cross-fold is performed on 1 line or on 2 lines automatically. Up to 3 cross-folds can be performed on one line and up to 2 cross-folds on 2 lines. These folds are performed with air of by reversing the belts.



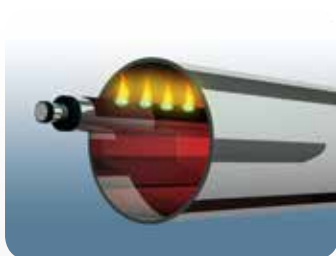


FLEXIBILITY

HEATING

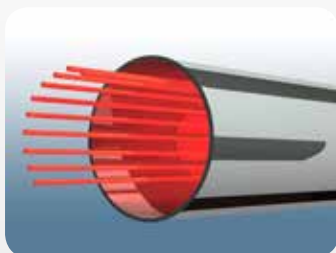
The main aim of the Compact System is to overcome barriers and succeed in adapting to the needs of laundries that could not otherwise access a conventional industrial ironing system.

Heating is available in **gas, electric or steam**.



GAS

A clean, high performance system that is environmentally friendly.



ELECTRIC

Electric heating is designed to adapt to our clients' demands. Having an electric industrial Ironing System is NOT synonymous with high energy consumption for Compact.



STEAM

Steam continues to be a requirement for many laundries. Compact is also available with this heating system.

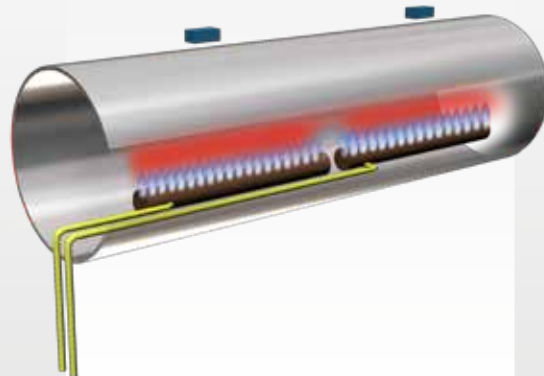


INTELLIGENT BURNER

The independent modulation of the heat zones makes it possible to save up to 30% of energy.

The system maximize the process efficiency.

INDEPENDENT BURNERS





GIRBAU

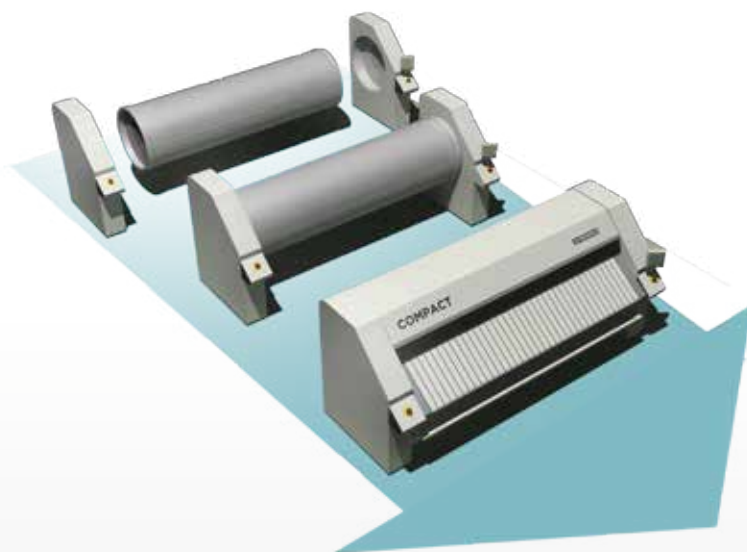
KNOCK DOWN

EASE OF INSTALLATION

In an effort to overcome barriers, they can be mounted in areas that are inaccessible, for example laundries located in the centre of many hotels.

Compact can be dispatched dismantled into modules that our technical service assembles inside the laundry. Its bolted dismountable structure makes it possible to access your laundry.

* Available Compact 800/3300 Gas



STACKER

It is available in 4 positions: two sides and two directions, thereby transforming and adapting according to customers' requirements.

It allows high quality and precision stacking. A rotating blade presses the batch of linen whenever another article is incorporated, to achieve perfect stacks.

In addition, the output belt adjusts the height depending on the quantity of items, thus achieving a higher quality. Compactpil stacks the articles and stocks the different stacks of linen that are processed.





CONTROL AND SAFETY



EASY PROGRAMMING

The control with colour touch screen is extremely intuitive and easy to program.

With the possibility of creating multiple programs, it makes it possible to identify the name of the customer in order to assist the process.

The control monitor displays the location of incidents, should they occur, graphically and visually, thereby saving time and preventing any impact on productivity.



PROXIMITY AND AGILITY

Diagnostics can be conducted remotely, with no need to travel.

Information can be captured to analyse productivity, incidents and hours of operation.

The objective is : to gain time and productivity, and besides tranquility for your business.



COMPACT SERIES IRONING SYSTEM



MODEL		600/33	800/33
IRONING			
Roller diameter	mm (in)	600 (23.6)	800 (31.5)
A Useful width	mm (in)	3.300 (129.8)	3.300 (129.8)
Operating speed	m/min (ft/min)	4 - 12 (13.12-39.36)	4 - 15 (13.12-49.2)
Ironing surface area	m ² (sq ft)	4,2 (45.2)	6,5 (69.9)
Theoretical production:*	kg/h (lbs/h)	170 (374.8)	230 (507.1)
Max. water evaporation**	l/h (Usgal/h)	85 (22.6)	120 (31.8)

FOLDING

1 line - primary folds		1 - 2
1 line - cross-folds		1 - 2 - 3
2 lines - primary folds		1 - 2
2 2 lines - cross-folds		1 - 2

CONSUMPTIONS

Natural gas (9,500 kcal)	m ³ /h (c.f.m.)	8,4 (4.9)	13,5 (7.9)
Propane gas (12,000 kcal)	kg/h (lbs/h)	6,7 (14.8)	9 (19.8)
Steam (12 bar)	kg/h (lbs/h)	120 (264.6)	160 (352.7)
Compressed air (8 bar)	Nl/h	25000	
Electrical voltage (V 400/240) ***	kW	3,4	4,1
Electric heating.	kW	55	65

TECHNICAL DATA

Total width **** L	mm (in)	5.380 (211.7)	5.550 (218.4)
Height H	mm (in)	1.800 (70.8)	2.050 (80.7)
Depth P	mm (in)	2.480 (97.6)	2.670 (105.1)
Stacker width LP	mm (in)	1.270 (50)	
Absorption (V 400/240)	A	8,8/15,0	9,8/16,7
Suction	m ³ /h (c.f.m.)	2x1100 (2x647)	
Evacuation diameter	mm (in)	2x120 (2x4.7)	
Net weight	kg (lbs)	3.400 (7495.8)	3.700 (8157.2)
Noise level	dB/A	<60	

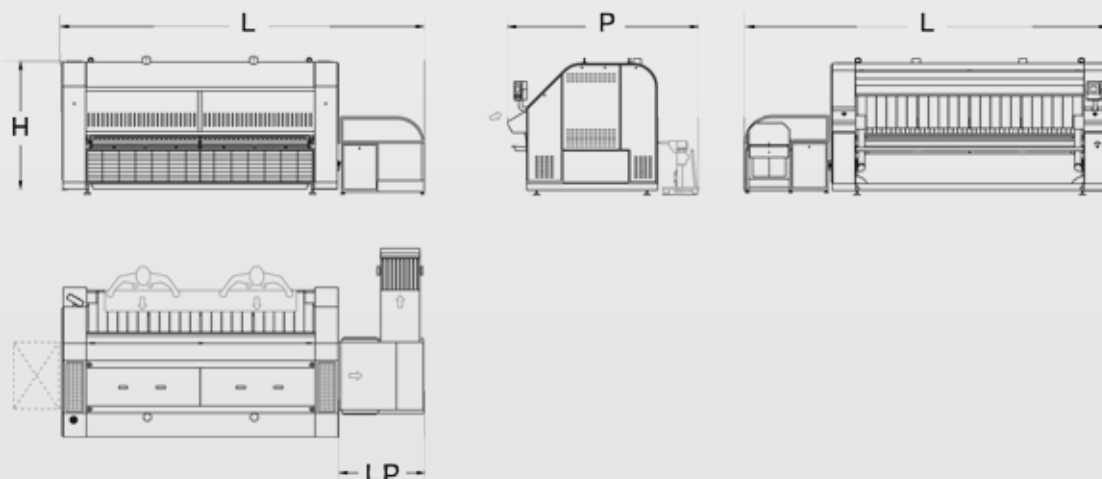
* Residual moisture of the 50% max.

GIRBAU S.A. reserves the right to change specifications without notice

** On using all the useful width

*** C Steam Heating: 400V/240V-3 Ph+T-50 Hz / Gas Heating: 400V/240V-3 Ph+N+T-50 Hz

**** Total steam width: 5750 mm



E&B

EASY & BEST SOLUTIONS

EASY AND SUSTAINABLE SOLUTIONS

We propose a new way of working, aimed at achieving the best solution in the easiest way possible.

Just let us know your production requirements. We will take care of the rest.

Easy and best



GIRBAU



video

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