

# PB FLATWORK IRONERS

## **POWERING DETAILS**

PB/PBP5119  
PB/PBP5125  
PB/PBP5132  
PB3215  
PB3221



LAUNDRY EQUIPMENT

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## THE EXCELLENCE IS IN THE DETAIL

Let your customers experience excellence in all its details and enjoy the benefits of professional ironing in your business.



### QUALITY

Girbau's exclusive kinematic strap tensioning system maintains a uniform ironing cylinder pressure, resulting in an excellent finish.



### RELIABILITY

Twenty years' experience in the industry, with thousands of flatwork ironers operating in businesses around the world, provides clear proof of the reliability of Girbau ironers.



### SAFETY

The hand guard protection system ensures operator safety. A double sensor monitors the active and rest position with an initial check at each startup.

## RIISING TO THE CHALLENGE

The leitmotiv of Girbau ironers is to aid ironing in order to improve the laundry's productivity. It may seem obvious, but the PB spring from this philosophy, i.e. questioning repeatedly what the best way to improve the machines is in order to meet this challenge.

Only then can the result be understood: productivity, ergonomics and safety - all working together to achieve quality and cost-effectiveness.



## WE TAKE GREAT CARE OVER THE DETAILS

Feel the crisp freshly ironed sheets on your skin, lay in bed wrapped in a comfy quilt, set out a napkin and observe the geometry of its folds, or see how a perfect tablecloth makes a dinner much more special. Can anyone doubt the power of details? Does anyone doubt how every detail in each article of linen can become a sensation?

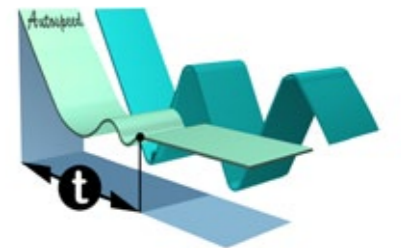
Girbau's ironers seduce by their details, by the finish they give to the linen. This is why we design our equipment down to the last detail, as befits equipment destined to become every laundry's badge of honour.

Because we want our customers to feel the essence of the detail.



### AUTOSPEED

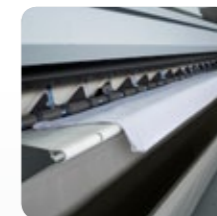
The Autospeed system automatically adjusts the ironing speed depending on the type of linen and the degree of dampness. With Autospeed an even temperature is rapidly achieved. The result: **even ironing.** The new sensor assembly provides more accuracy, reliability and durability.



### INTELI CONTROL\*

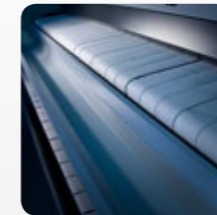
This control system, with an LCD display, allows the ironing to be easily programmed using a highly intuitive set of icons.

\*In PB51 model



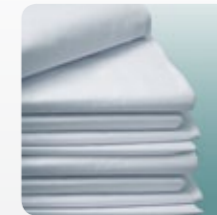
### AUTOMATIC FOLDING

A system of photocells where the linen enters and exits calculates the total length of the article. There is no need to enter the measurements for the item. Folding can be fully automatic.



### ERGONOMICS

The position and width of the feeding table where the linen is positioned, and good foot access under the table make for effortless ironing operations. The operator can maintain a comfortable and natural position while working, thereby avoiding unnecessary stress.



### PRODUCTIVITY\*

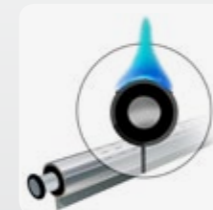
The entry and exit of linen at the front allows one person to iron articles with a width of 1500mm upwards at high speed and with the desired residual moisture content.

\*PBP models

### HEATING PERFORMANCE

Improved performance of the two burner systems available:

**Atmospheric:** an improved performance compared to earlier PS ironers (more than 20 years in the market), by meticulously optimising and improving the internal burner.



**Premix burner\*:** burner option for increasing power by using radiation to spread the heat energy inside the roller.

\* Optional radiant burner for PB51





## A PATENT THAT SETS US APART

The kinematic strap tensioning system patented by Girbau is one of the key factors in explaining the quality of the finish obtained in PB ironers.

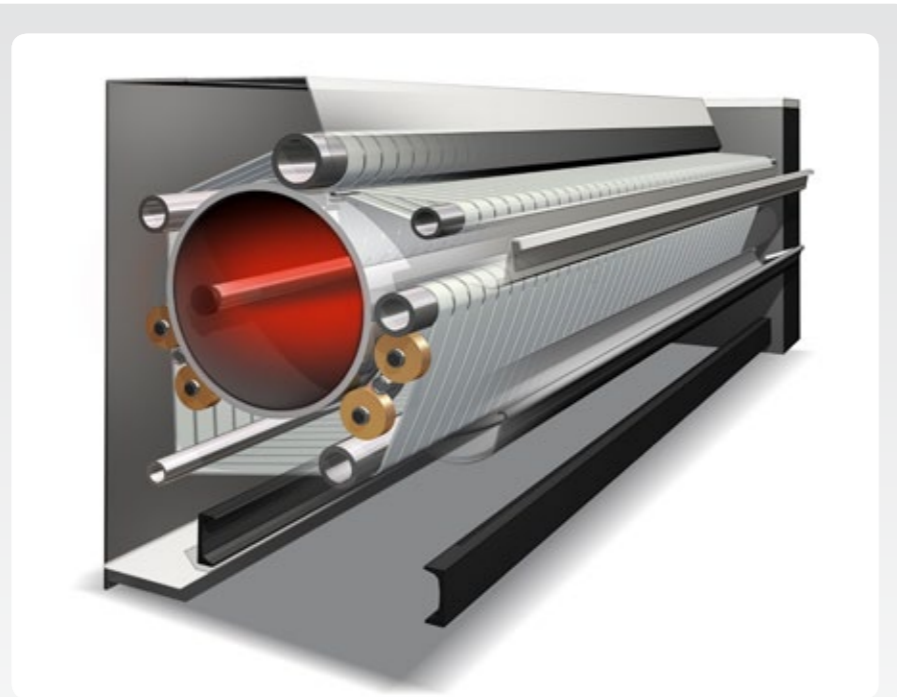
This system is based on a permanent balance of tensions and weights between different cylinders that achieves permanent tensioning of the straps. The system uses the movement of the straps along the rollers to rebalance these in order to maintain an even tension.

The strap tension is a key feature of PB ironers.

## EVEN IRONING

In ironing, uniformity (either of movement, straps tension or temperature) means higher quality.

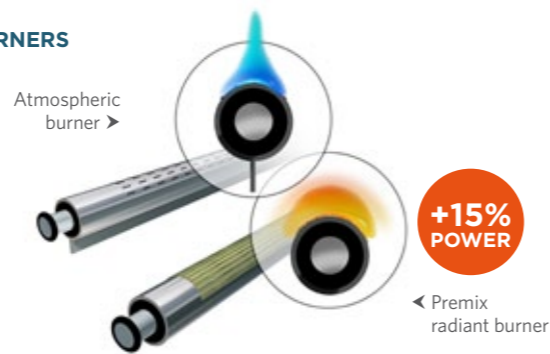
The maintenance operations to tension the bands are much fewer than in other ironers on the market.



## CONTACT ANGLE

A greater angle of contact between the linen and the cylinder provides a greater ironing surface than with other manufacturers.

## BURNERS



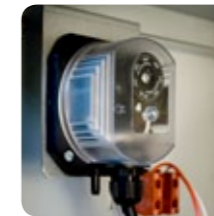
## A COMBINATION OF STURDINESS AND GENTLENESS

The sturdiness of an elephant and the gentleness of a feather. Is it possible to combine the two things? The answer is yes.

PB ironers combine the strength and robustness of press cylinders and an extremely solid build structure with a gentle treatment of the linen that extends the lifetime of fabrics.

## DESIGNED TO LAST

- + RELIABILITY**  
The larger diameter of the feeding straps traction roller, provides greater reliability.
- + ROBUSTNESS**  
The ironer's safety covers are metal, and therefore more hard-wearing. The cylinder is made of machined steel with mirror polishing and chrome plating. The bearings are lubricated with grease that is permanently temperature resistant.
- MAINTENANCE**  
The roller support wheels are self-aligning, thereby extending the lifetime of the cylinders and wheels.  
The PB51 incorporates dual wheel support, reducing the unit load per wheel and thus prolonging the lifetime of the wheels and the grease they incorporate.  
All parts of the machine are extremely accessible in order to aid maintenance.
- MECHANICAL FAULTS**  
The gear motor and inverter incorporate the latest technological improvements on the market. The assembly provides improved transmission, more speed ranges and less wear.  
(See the gear motor speed options in the specifications table)

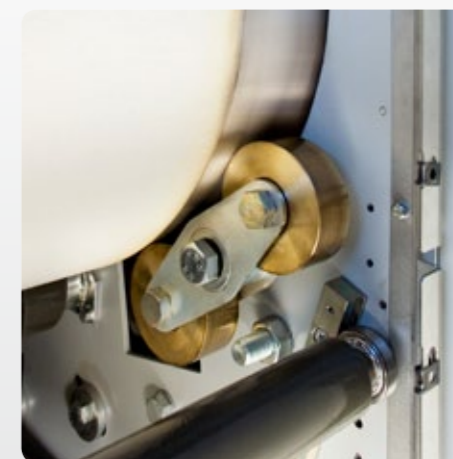


▲ Pressure-transmitter

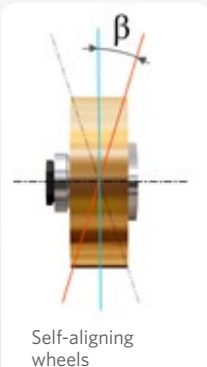
▼ Safety covers



▲ Suction fan assembly



◀ Traction roller support wheels



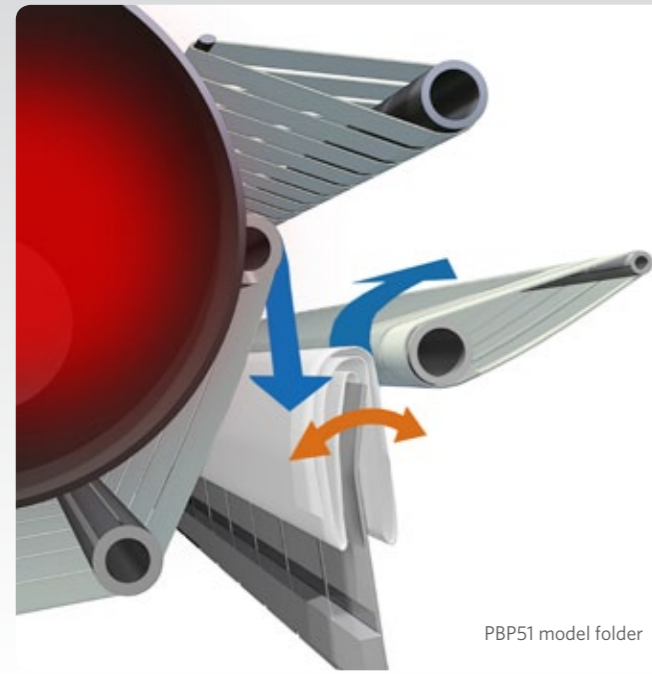
Self-aligning wheels



## ERGONOMICS, SAFETY AND PRECISION - ALL FOR AN IMPROVED WORK ENVIRONMENT



▲ Wide feeding area



PBP51 model folder



PBP51 model



▲ Easy programming using Intelli control (PB51)

▼ Easy access for maintenance work



# GIRBAU

## ASSISTING IRONING TO IMPROVE PRODUCTIVITY

Understanding ironing as a process and not as a simple activity is what makes PB ironers different. We have analysed every step of the operating process, and at every step we have looked for mechanisms that help to make the ironing operation more cost-effective, productive, comfortable and safe.

In PB ironers you will find the best assistant for improving the productivity of your laundry.



### ACCESSIBILITY

The lint filter is easy to clean. The metal side covers make for easy maintenance operations.



### COMFORT

The width of the linen feeding table allows the operator to work comfortably and increase productivity.



### STEAM AND NOISE

Steam exhaust provides a more pleasant work environment with less heat and lower noise levels in the environment, while improving performance.

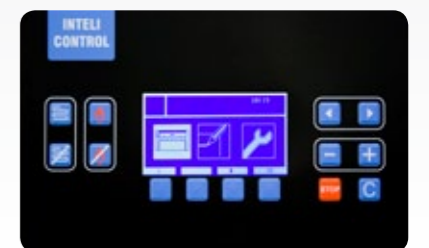
## INFORMATION AND CONTROL IS EASY

The secret of great ironing is not simply a matter of pure mechanics. Good programming and control of the development process are crucial.

A PB ironer is easy to control. The operator understands quickly and intuitively what is happening at all times. A system of easily understood icons accurately indicates the program, the real and the programmed temperature, the speed and the length of the article.



◀ PB32 Logi Control



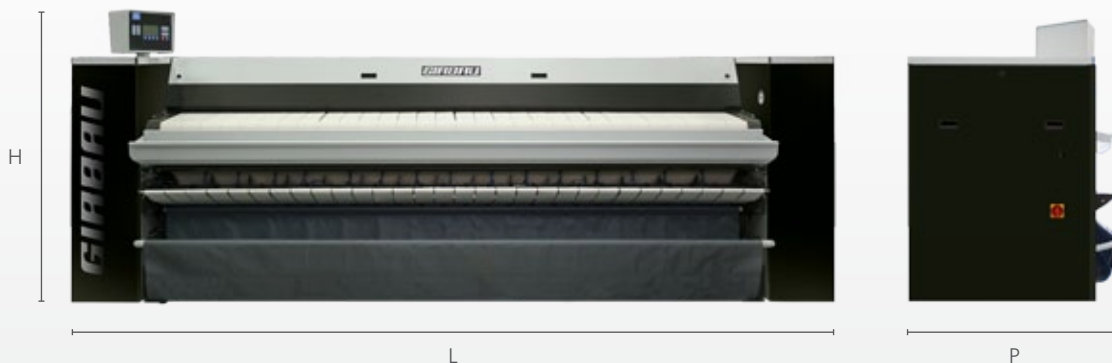
▼ PB51 Intelli Control

# PB FLATWORK IRONERS



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MODEL			PB3215	PB3221	PB5119 PBP5119	PB5125 PBP5125	PB5132 PBP5132	
<b>Traction</b>	Max. motor power (50 Hz)		kw	0,55		1,10		
	Power of high speed motor (50Hz)		kw	0,67		1,65		
<b>Heating</b>	Electric	Evaporation	l/h	15,0	20,0	30,0	40,0	50,0
		Electric heating power	kw	15,1	21,2	37,7	49,3	63,0
	Gas	Evaporation	l/h	15,0	20,0	30,0	40,0	60,0
		Gas power Atmospheric Burner	kw (Hi)	19,9	27,7	37,8	49,1	63,1
		Evaporation	l/h	17,3	23,0	34,5	46,0	69,0
		Gas power Premix Burner	kw (Hi)	22,7	31,6	43,1	56,0	71,9
	Steam	Evaporation	l/h	-	-	42,0	56,0	70,0
		Steam power	kw	-	-	48,8	65	81,4
<b>Options</b>	Folder		-		PBP Model			
	Double photocell assembly		-		No	Yes	Yes	
	High Speed option		Yes	Yes	Yes	Yes	Yes	
Cylinder diameter		mm	325		510			
Useful length of cylinder		mm	1.540	2.120	1.900	2.530	3.165	
Speed		m/min	1 - 5		1 - 9			
High Speed option		m/min	1 - 11		1 - 15			
Noise level		dB(A)	< 65		< 65			
Net weight V (Steam)	PB kg		-		1.145	1.375	1.533	
	PBP kg		-		1.242	1.502	1.696	
Net weight G - E (Gas - Electric)	PB kg		459	561	1.035	1.265	1.423	
	PBP kg		-		1.132	1.392	1.586	
Gross weight V (Steam)	PB kg		-		1.395	1.670	1.868	
	PBP kg		-		1.507	1.822	2.056	
Gross weight G - E (Gas - Electric)	PB kg		617	740	1.285	1.560	1.758	
	PBP kg		-		1.397	1.712	1.946	
Height H		mm	1.416		1.630			
Width L		mm	2.313	2.895	2.837	3.470	4.103	
Depth P		mm	872		1.173			



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