PB SERIES

PB IRONERS
POWERING DETAILS

PB/PBP5119
PB/PBP5125
PB/PBP5132
PB3215
PB3221

Auto SPEED
Care Touch Roll
Opti Feed

GIRBAU

LAUNDRY EQUIPMENT

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POWERING DETAILS

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PB3215
PB3221

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 tension system and Care Touch Roll ensure a quality finish.

PRODUCTIVITY
The efficiency of the PB ironers makes it possible to process garments directly from HS Series high speed washing machines, while guiding the operator during the ironing process.

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

EXPERIENCE
We pass on the know-how we acquire to our clients when defining the laundry project suited to their needs, and with the continuous advice and training of the Girbau Laundry Tips service.
This is how we achieve Easy & Best Solutions.

ERGONOMICS

The position and width of the feeding belt where the linen is positioned, and good foot access under the belt make for effortless ironing operations, allowing the operator to maintain a comfortable and natural position while working, and thus avoid unnecessary effort.

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 with their details, with 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.

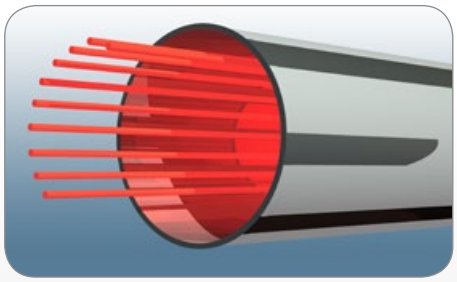
FLEXIBILITY

The main objective of the PB Series ironers is to aid the ironing process in laundries where space and production make this a critical process. The flexibility of this product reveals itself in its multiple configurations and heating options.

HEATING OPTIONS

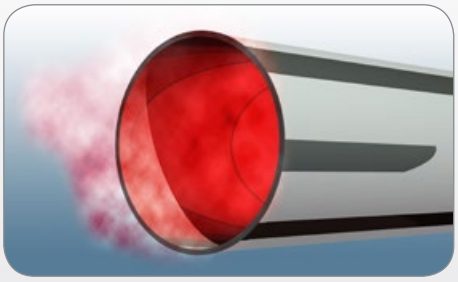
ELECTRIC

It is not synonymous with high consumption, and is essential for laundries where there are no other energy supplies.



STEAM

Steam continues to be a requirement for many laundries and is a system that delivers high performance, which is why it is also available for the PB Series.

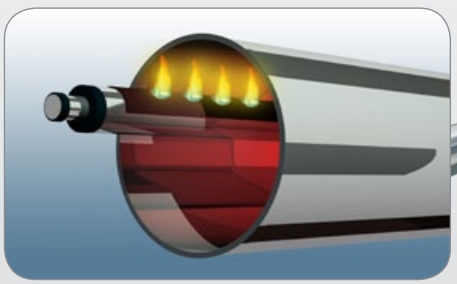


GAS

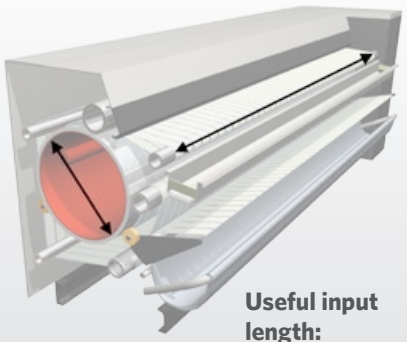
A clean and highly efficient system that requires the minimum of maintenance. Two types of burner.

Atmospheric, standard burner.

Radiant, an enriched mixture that provides greater power and efficiency.

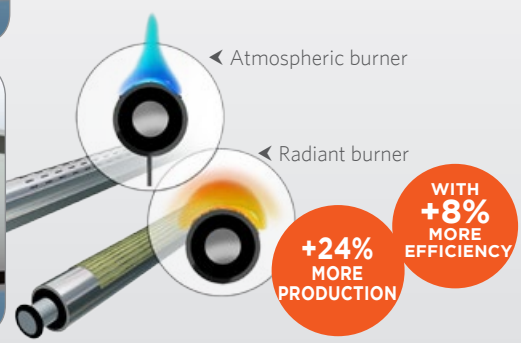


SETTINGS

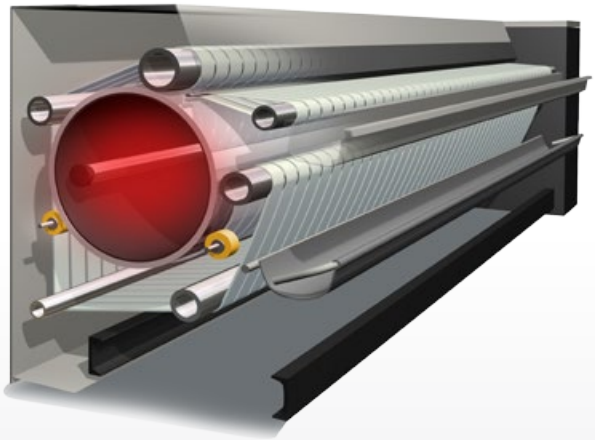


Roll diameter:
320mm
510mm

Useful input length:
1,500mm
1,900mm
2,100mm
2,500mm
3,200mm



EVEN IRONING



A PATENT THAT MAKES THE DIFFERENCE

The **Kinematic 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 rolls that achieves permanent tensioning of the straps. The system uses the movement of the straps along the rolls to rebalance these in order to maintain an even tension and achieve a professional finish.

Care Touch Roll

CARE TOUCH ROLL

A roll with a chrome surface coating that achieves excellent ironing quality, extends the life of the fabric, and is also highly resistant to corrosion even after periods of inactivity.

The **angle of contact** of the linen with the roll is **270º**, making it possible to work at high speed (up to 11 and 15 m/min, depending on the model).

DESIGNED TO LAST

HARD-WEARING

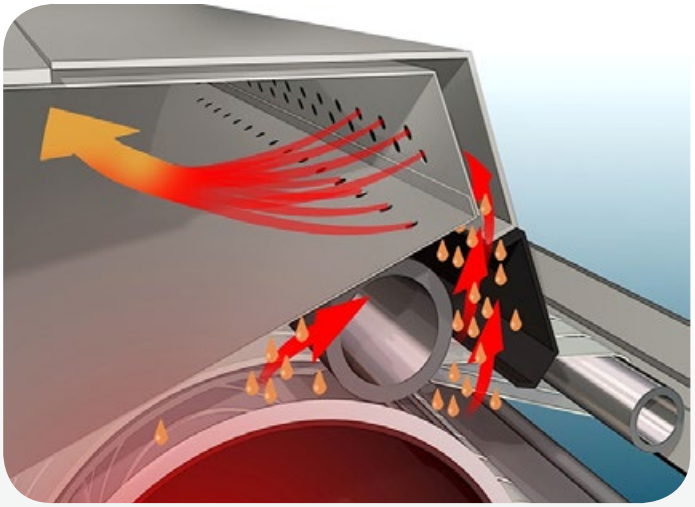
The ironer's safety covers are metal, and therefore more hard-wearing. The roll is made of machined steel with mirror polishing and chrome plating. The bearings are lubricated with grease that is permanently temperature resistant.

RELIABILITY

The gear motor-inverter assembly provides a secure transmission, more speed ranges and less wear and tear.

ACCESSIBILITY

All the machine's parts are designed to be extremely accessible and easy to maintain.
The lint filter is easy to clean. The metal side covers make for easy maintenance operations.

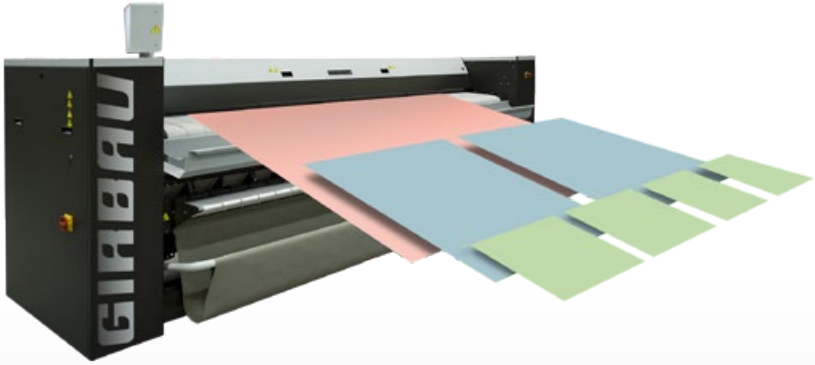


Moisture extracted by suction

Filter

Safety covers

FEEDING AND FOLDING

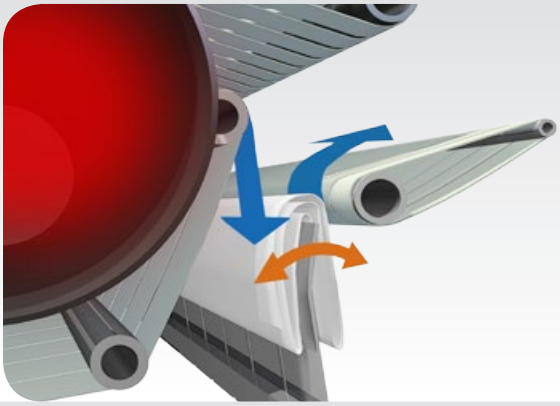


FEEDING

With the PB series, 1, 2 or 4 lanes can be fed simultaneously, for all kinds of linen (sheets, table linen and small items such as napkins and pillowcases).

FOLDING

The **PBP models** incorporate a **1-lane folder** using a photocell system that calculates the total length of the item and adjusts the primary folding.
In **automatic mode** it adapts to all kinds of article without needing to change the program or interrupt the process.



▲ Up to 14 primary folds.

In **manual mode** the operator sets the length of the article and the controller determines the number of folds and their length.
In **advanced mode** the operator sets the length of the article and selects the number of folds desired.

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 process, and for each 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.

IRONING ASSISTANT

CONTROL INTELI CONCEPT

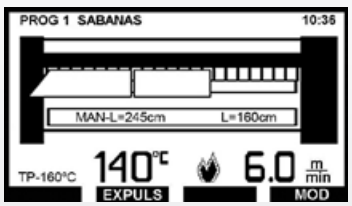
Programming and controlling the PB Series ironer is straightforward and intuitive. A system of easily understood icons indicates the program, the real and the programmed temperature, the speed and the length of the article, in addition to advising the operator on the most optimum and productive operating mode.

◀ PB32

▼ PB51

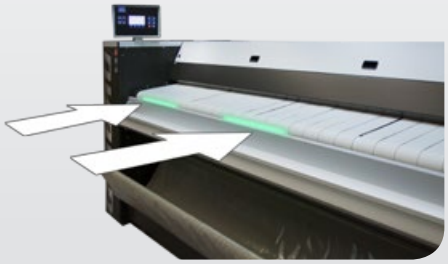
AUTOSPEED

The Autospeed system automatically adjusts the ironing speed depending on the type of linen and the degree of dampness. With Autospeed it is possible to maintain an even and stable temperature. The sensors capture precise and reliable information.



OPTI FEED

The control display indicates the feeding area with the highest temperature in real-time, in order to take the fullest advantage of the heat energy and increase productivity.
The system is designed to guide the operator during the ironing process, and adapts to the type of article and conditions at all times.



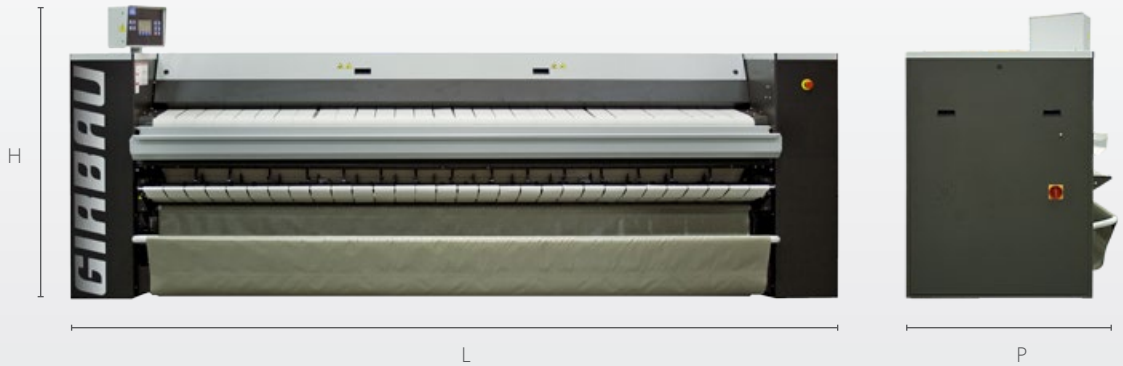
PB FLATWORK IRONERS

P01335 04/16

MODEL				PB3215	PB3221	PB5119 PBP5119	PB5125 PBP5125	PB5132 PBP5132
Power	Roller motor (50 Hz)		kW	0,25 (0,37 High speed)		0,55 (1,1 High speed)		
	Extraction motor (50Hz)		kW	0,30		0,55		
Heating	Electric	Electric heating power **	kW	15,01	21,13	34,3	44,9	57,3
		Evaporation	l/h (c.f.h.)	15,0 (0,5)	20,0 (0,7)	30,0 (1,1)	40,0 (1,4)	50,0 (1,8)
	Gas	Gas power Atmospheric Burner	kW (B.T.U./h)Hi*	22,3 (76.091)	30,5 (104.070)	39,9 (136.144)	51,5 (175.725)	69,6 (237.485)
		Evaporation	l/h (c.f.h.)	15,0 (0,5)	20,0 (0,7)	30,0 (1,1)	40,0 (1,4)	60,0 (2,1)
		Gas power Premix Burner	kW (B.T.U./h)Hi*	25,0 (85,304)	33,3 (113.624)	46,9 (160.029)	60,1 (205.070)	80,9 (276.042)
		Evaporation	l/h (c.f.h.)	18,5 (0,7)	25,0 (0,9)	37,5 (1,3)	50,0 (1,8)	73,0 (2,6)
	Steam	Steam power	kW (B.T.U./h)	-		48,8 (166.513)	65,0 (221.789)	81,4 (277.748)
		Evaporation	l/h (c.f.h.)	-		42,0 (1,5)	56,0 (2)	70,0 (2,5)
Voltage	Electric		3Ph 50Hz (V)	200-220-230-240-380-400-415				
			3Ph 60Hz (V)	200-208-220-240-380-415				
	Gas-Steam		2Ph 50Hz (V)	380-400-415				
			2Ph 60Hz (V)	415-440-480				
			1Ph 50Hz (V)	200-220-230-240				
			1Ph 60Hz (V)	200-208-220-240				
Options	Folder			-		PBP Model		
	Double photocell assembly (PBP only)			-		-	Yes	
	High Speed option			Yes (11m/min)		Yes (15m/min)		
Dimensions and weights	Cylinder diameter		mm (in.)	325 (12,8)		510 (20,1)		
	Useful length of cylinder		mm (in.)	1.540 (60,6)	2.120 (83,5)	1.900 (74,8)	2.530 (99,6)	3.165 (124,6)
	Speed		m/min (ft/min)	1 - 5 (3-16)		1 - 9 (3-30)		
	High Speed option		m/min (ft/min)	1 - 11 (3-36)		1 - 15 (3-49)		
	Noise level		dB (A)	< 70				
	Net weight G - E		PB kg (lbs)	459 (1.012)	561 (1.237)	1.035 (2.282)	1.265 (2.788)	1.423 (3.137)
			PBP kg (lbs)	-		1.132 (2.496)	1.392 (3.069)	1.586 (3.497)
	Net weight V		PB kg (lbs)	-		1.145 (2.525)	1.375 (3.031)	1.533 (3.379)
			PBP kg (lbs)	-		1.242 (2.739)	1.502 (3.312)	1.696 (3.739)
	Gross weight G - E		PB kg (lbs)	617 (1.360)	740 (1.630)	1.285 (2.834)	1.560 (3.439)	1.758 (3.876)
			PBP kg (lbs)	-		1.397 (3.080)	1.712 (3.775)	1.946 (4.290)
	Gross weight V		PB kg (lbs)	-		1.395 (3.076)	1.670 (3.681)	1.868 (4.118)
			PBP kg (lbs)	-		1.507 (3.323)	1.822 (4.017)	2.056 (4.533)
	Height H		mm (in.)	1.416 (55,7)		1.630 (64,2)		
	Width L		mm (in.)	2.313 (91,1)	2.895 (114)	2.837 (111,7)	3.470 (136,6)	4.103 (161,5)
	Depth P		mm (in.)	872 (34,3)		1.173 (46,2)		

* Hi - Lower heating value / ** Output calculated at 380V III

GIRBAU S.A. reserves the right to change design and/or specification without notice



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