

# PC Series

FLATWORK IRONERS



QUALITY-ORIENTED EFFICIENCY

**GIRBAU**

# PC SERIES FLATWORK IRONERS

## QUALITY-ORIENTED EFFICIENCY

PC80 / 3000  
3300  
3500



PC120 / 3000  
3300  
3500  
4200



### EFFICIENCY AND ROBUSTNESS DESIGNED FOR THE PERFECT FINISH

#### **PRODUCTIVITY**

All parameters are adjusted to achieve better results with any kind of item; with speeds up to 50 m/min on the PC120 and up to 45 m/min on the PC80.

#### **QUALITY:**

All the elements that go to make up the flatwork ironers in the PC series are designed with quality in mind, including the geometry and perfect polished finish of the bed. The combination of an impeccable finish and the latest advances in electronics results in superior ironing quality.

#### **EFFICIENCY:**

The high productivity provided by the separate motors for each of the rolls, the high heat transfer coefficient of the bed and the controllable ironing pressure translate into efficiency for your business. In the gas version, a high efficient burner is available.

#### **ROBUSTNESS:**

The extremely solid, smart construction of the PC series makes them highly resistant to mechanical stresses and thermal expansion. Everything in the PC series is designed to last. That's the aim of the RIGID TECHNOLOGY, one of the most important features of our construction.

#### **MAINTENANCE:**

The machine's optimum design cuts wear on consumables, such as the padding and reduces maintenance work. Moreover, the PC Series are highly accessible, making maintenance tasks easier and shortening work time.

#### **SENSORY QUALITY: SEE IT, FEEL IT**

The results of the PC Series go beyond your business balance sheet.

Your customers can appreciate it right from the start, when they see the impeccable finish of a tablecloth or sheet, when they experience the touch on their fingers of a textile with a crisp feel thanks to the quality of the finish. Quality and efficiency of ironing are more than just productivity and profitability.

The PC series adds value to the image of your establishment through the textiles it produces, showing perfection in detail and caring for materials to prolong the life of your establishment's textiles.





## EXPERIENCE BASED ON OBSERVATION

Is there anything more perfect than nature? Biomimetics, a discipline that exploits the intelligence of nature to apply it to the design of objects, is a clear answer to this question. In laundry, all the processes represent contrasts.

Going from dirty to clean in the washing area, for example, or from crumpled to the perfect smoothness of ironed fabric. The impression caused by ironing is not unlike looking at a sand dune in the desert with a clean line at the top separating a wavy side from a perfectly smooth side.

The PC Series flatwork ironers express smart, tidy, efficient contrast. PC Series, born out of improvement based on observation.

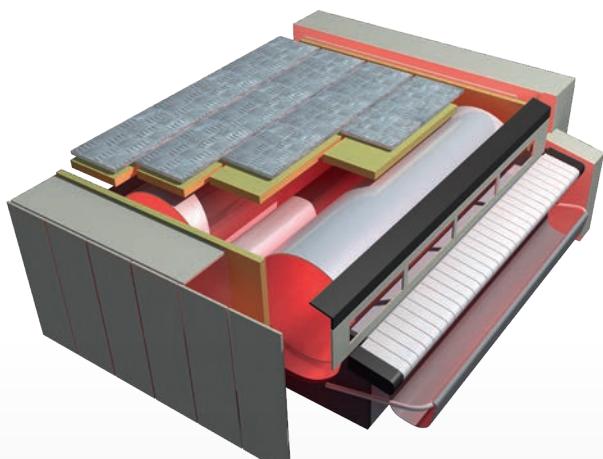
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### COMFORTABLE TEMPERATURES

The thermal insulation\* in the covers over the flatwork ironers enable you to save energy, take advantage of heat and achieve higher performance.

At the same time, not radiating heat towards the outside makes the environment in the laundry more pleasant, making operators' job easier and enhancing their comfort.

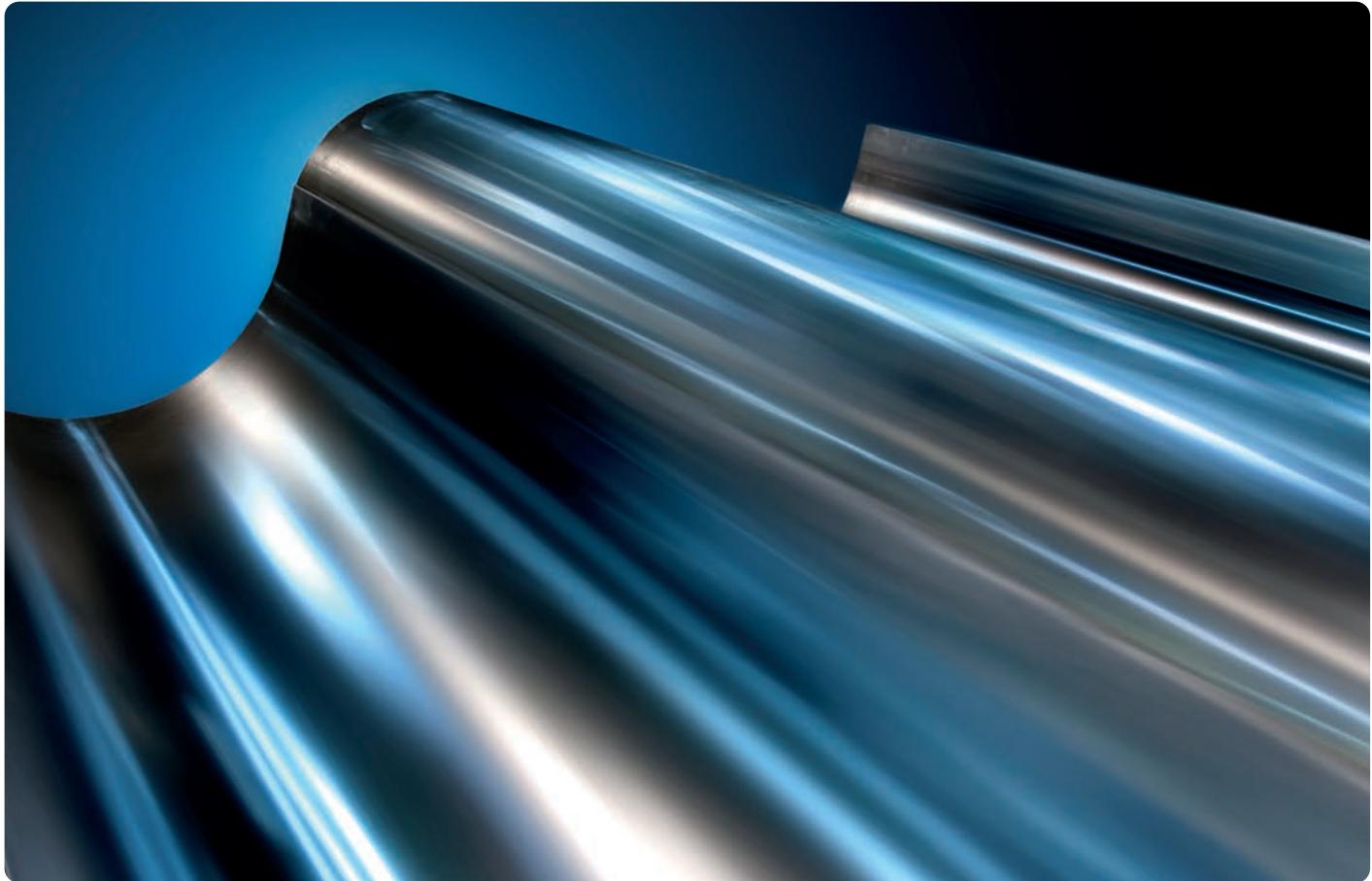
\*optional



### LONGER LIFE, BETTER RETURNS

The PC Series are machines with a long life cycle to ensure uninterrupted working and a return on the cost of the flatwork ironer.





## THE GIRBAU RIGID TECHNOLOGY SYSTEM IS BASED ON FOUR KEY FEATURES

1

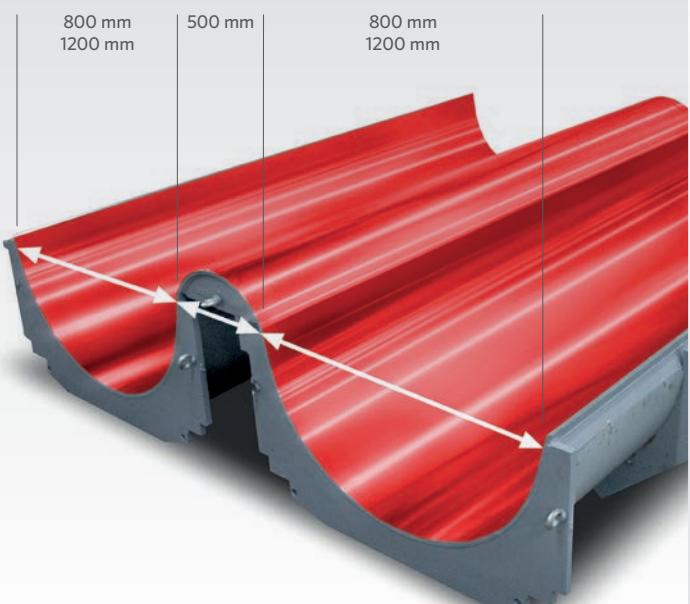
### ROBUSTNESS AND LARGER IRONING SURFACE

**Rigid bed** known for its robustness and finish: the use of three-dimensional design and parametric simulation technology allows Girbau to offer a bed with a wide fluid passage and a capacity for transmitting heat to fabric that make it possible to iron at high speeds while assuring top quality.

Beds are machined after welding, undergo trials at a test pressure of 20 bar and have a final "mirror effect" **finish applied** to ensure excellent results for ironing.

**Larger ironing surface.** The flatwork ironers have a larger ironing surface. Even the bridge between the beds is heated to take maximum advantage of the whole surface area, achieving a better quality and a uniform temperature without causing damaging tensions to the linen.

**Instant temperature** control of the bed in contact with the linen.



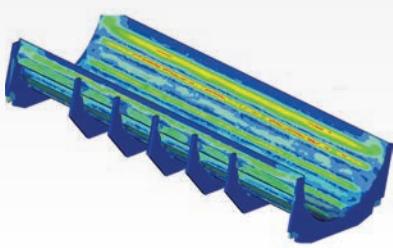


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**2**

## UNIFORM TEMPERATURE

The S-COIL design (with a circuit in coil form) assures uniform heating of the whole ironing surface and a total absence of cold areas.

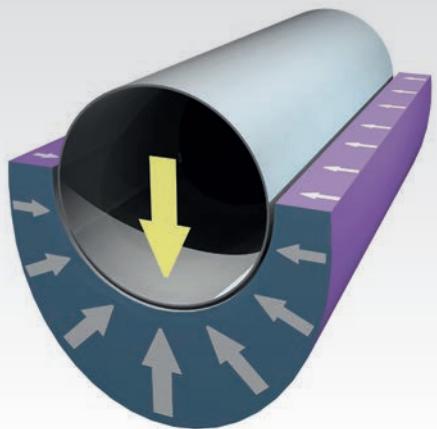


Thermographic image

**3**

## CONSTANT PRESSURE

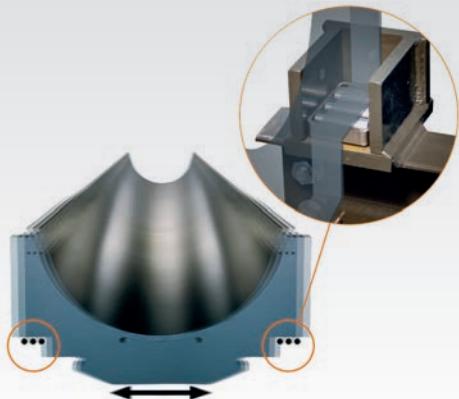
A pressure gradient with maximum concentration of diametrical pressure ensures high-quality ironing. Lengthwise pressure along the roll is constant in order to keep ironing uniform.



**4**

## SELF-ALIGNMENT

The floating, self-aligning system enables the flatwork ironer to cope with the thermal expansion and mechanical stresses involved, while maintaining a constant pressure distribution over time.





## HIGH PRODUCTIVITY

PC Series flatwork ironers are designed for high production.

The maximum speed for PC 80 is 45 m/min.

PC 120 have a standard speed of 50 m/min.

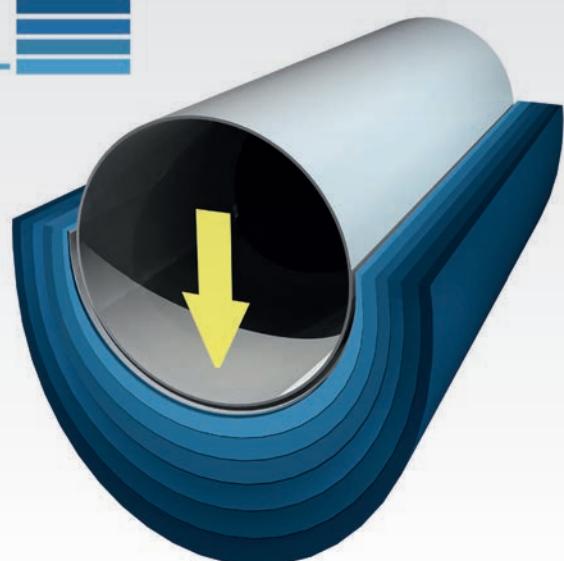
## EXCELLENT QUALITY CONTROL

Pressure is one of the essential parameters in ensuring a quality finish for good ironing.

This variable can be controlled on PC Series flatwork ironers. The pressure can be set according to the type of textile and ironing requirements\*. With this control, speeds of up to 45 m/min are achieved and thereby increasing productivity.

The bed alignment system ensures uniform lengthwise pressure at a point of maximum pressure, giving maximum quality for the type of textile being processed and it is what sets us apart from others.

\* Optional in PC80 1 and 2 rollers



LOW PRESSURE	HIGH PRESSURE
<ul style="list-style-type: none"><li>▪ Longer padding life</li><li>▪ Reduced mechanical fatigue</li><li>▪ Lower power consumption by motors</li><li>▪ Longer life for textiles</li></ul>	<ul style="list-style-type: none"><li>▪ Higher capacity</li><li>▪ Increased drying capacity</li></ul>



## PROXIMITY AND SPEED



Being fast, efficient and agile is essential to your business.

Proximity to the customer is vital to Girbau, as we realise that this is a key value for any laundry.

As well as being backed by a sales and technical network in more than 90 countries around the world, ready to act quickly and effectively, all PC series flatwork ironers can feature a remote connection,\*

So gaining time and efficiency. Diagnostics can be conducted remotely, with no need to travel.

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

**The goal: to gain time and productivity. And above all, to gain peace of mind for you and for your business.**

\* As standard in all models.



Assisting its customers has been and remains one of Girbau's central principles. A wide range to meet the needs of every customer, geographical expansion for closeness, technologies to speed up processes and contact and more.

The success of your business is our goal, our success.

**GROWING TOGETHER**



## EASY MAINTENANCE

### DIRECT TRANSMISSION

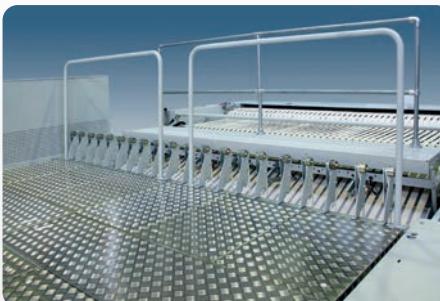
The gear motors transmit power to each roll independently and are electronically controlled through latest-generation encoders and inverters that allow the roll speed and the relative speed between them to be adjusted.

Connected via a communications network, they are synchronised with one another in a perfect mechanical transmission system. The transmission requires no mechanical components, so it takes up less space and is easy to maintain.



### ACCESSIBILITY AND SAFETY:

Everything in the PC Series is designed to meet all standards for safety and ease of access. The flat top structure makes it highly accessible to enable the maintenance works-. Cleaning the filter is extremely easy. The new look of the casing hides a more ergonomic, accessible, lighter and is easier to take out for maintenance work.



**Easy**  
P&P

### PLUG & PLAY, EASY INSTALLATION

The structure of PC Series flatwork ironers is designed to make both delivery and installation easy.

Start-up is agile, fast and simple, thereby optimising the installation time.

**There's no time to lose in your business!**





## VERSATILITY IN HEATING SYSTEMS, ALL WITH MAXIMUM EFFICIENCY

### GAS

The 93% efficiency of the gas boiler in the PC Series is achieved thanks to the following:

- **A spacious combustion chamber:** the flame never touches the pipes, to avoid cracking.
- **Multipiping:** the oil circulates through four distinct sets of piping, achieving a higher heating surface area and therefore improved efficiency.
- **Three steam passages:** steam circulates in three ways (flame, between pipes, return). This takes advantage of the temperature of the steam which, through exchange, gives better heating efficiency.



### STEAM AND THERMAL OIL

PC Series flatwork ironers are also available in steam and thermal oil heated versions.

The steam version features temperature\* control, so that it can be set depending on the type of cloth to be ironed.

\*Option



## TECHNOLOGY FOR IMPROVED CONTROL

Setting the ironing parameters easily to meet your requirements is the best way to achieve the desired results and be more efficient.

The PC80 flatwork ironer features PLC technology so that you have maximum control over the process. You can have a programme for each customer or each need. Capacity for 100 programmes allows maximum personalisation of your ironing.

The Girbau flatwork ironing system connectivity software helps you to control all the features of the system for improved control.

### INTELI CONCEPT

Working with the controls of any of the flatwork ironers in the PC Series is extremely easy. The controls feature the Intelliconcept language created by Girbau.

A highly intuitive system of icons means any operator can understand quickly how the machine works.



**EASY PROGRAMM SETTING**

**EASY TO UNDERSTAND**

**- MISTAKES**



# MAXIMUM FLEXIBILITY WITH SEVERAL OPTIONS TO MEET EVERY LAUNDRY DEMAND

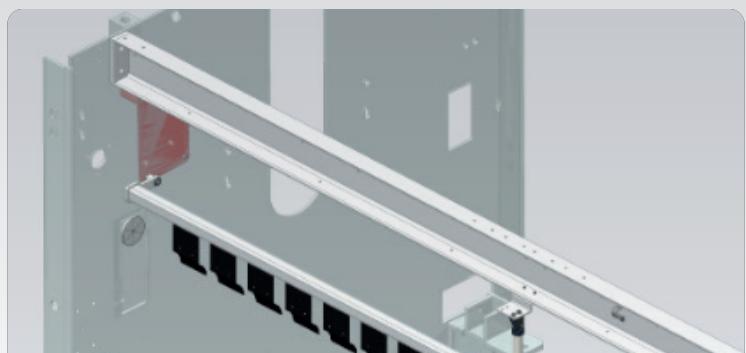
## HOPPER AND PEDAL APPLICATIONS FOR SMALL PIECES AND TABLECLOTH

For high quality demands of small pieces and tablecloth, there is a chance to control the feeding table of the ironer through a pedal, while adding a front hopper where operators can allocate the small pieces before feeding them into the ironer.



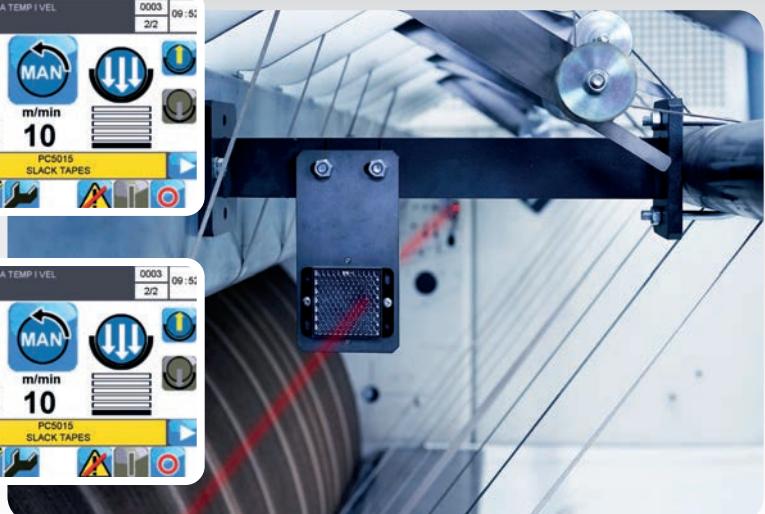
## SCRAPERS TO AVOID RIBBON MARKS ON THE ARTICLES

For hospitality laundries looking for the highest standards of quality, avoiding possible ribbon marks



## BROKEN & SLACK TAPES DETECTION

To detect the presence of broken and slack tapes and avoid linen jams in between rolls and, consequently, padding and springs damage.





Girbau is a multi-national corporation that has cemented its position as one of the global leading groups in the manufacture of innovative solutions for the world of laundry. The goal of Girbau is to create maximum value for its customers, supporting them in their professional growth. The Girbau community supplies simple, dependable solutions that offer its clients profitability, innovation and sustainability.

With more than 60 years of experience as a manufacturer of washing and drying equipment, Girbau provides the most comprehensive offering of commercial, industrial, and vended laundry solutions in the world to meet your individual productivity and efficiency needs.

We want to provide the service and community you need to make your business special. That takes commitment beyond selling machines, and we're willing to walk the extra mile. And beyond all that, we want to help you care for the environment and innovate for the next generation.

These are tall orders, but Girbau can fill them with your help. Help us take laundry beyond laundry. Get in touch today!



# The future is now

[GIRBAU.COM](http://GIRBAU.COM)



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