

# PC120

## FLATWORK INDUSTRIAL IRONER

PC12030  
PC12033  
PC12035



PRODUCTIVITY – Parameters of the PC 120 can be adjusted to achieve quality results with a variety of items; with speeds up to 164 ft/min.



### PRODUCT FEATURES

#### QUALITY

- All elements that go to make up the flatwork ironers in the PC series are designed with quality in mind, including the geometry, a perfectly polished finish of the bed and the most advanced electronics results in superior ironing quality.

#### EFFICIENCY

- The combination of high productivity provided by the separate motors for each of the rolls, high heat transfer coefficient of the bed and the controllable ironing pressure translate into efficiency for your business.

#### ROBUSTNESS

- The extremely durable construction of the PC Series makes them highly resistant to mechanical stresses and thermal expansion.

#### MAINTENANCE

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

#### HEAT CAPTURE TECHNOLOGY

- The thermal insulation in the covers (optional) enable you to save energy, take advantage of existing heat and achieve higher performance. At the same time, the laundry environment is more pleasant for operators because heat is captured within the ironer — improving operator productivity.

#### LONGER LIFE, BETTER RETURNS

- The long life cycle of PC Series ironers ensure uninterrupted working and a return on your investment. PC Series are backed by a 7/5/3-year manufacturer's warranty.

#### INTELI CONCEPT

- Working with the controls of any of the flatwork ironers in the PC Series is extremely easy. A highly intuitive system of icons means any operator can understand quickly how the machine works.

#### RIGID TECHNOLOGY

- 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 high quality.
- Equipped with a large ironing surface, even the bridge between the beds is heated to take maximum advantage of the surface area, achieving a better quality and a uniform temperature without causing damage to the linen.
- The S-COIL design assures uniform heating of the ironing surface.
- A pressure gradient with maximum concentration ensures high-quality ironing.
- The floating, self-aligning system enables the flatwork ironer to cope with the thermal expansion and mechanical stresses, while maintaining a constant pressure distribution over time.

#### 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.

#### PLUG & PLAY; EASY INSTALLATION

- The design of PC Series provides easy delivery and installation.
- Start-up is agile, fast and simple, thereby reducing installation time.

#### GAS IRONER PROVIDES MAXIMUM EFFICIENCY

- The 93% efficiency of the gas-fired heat exchanger in the PC Series is achieved thanks to the following:
  - A spacious combustion chamber: the flame never touches the pipes, to avoid cracking.
  - Multi-piping: the oil circulates through four sets of piping, achieving a higher heating surface area — improving efficiency.

#### SUPPLIED STEAM AND THERMAL OIL

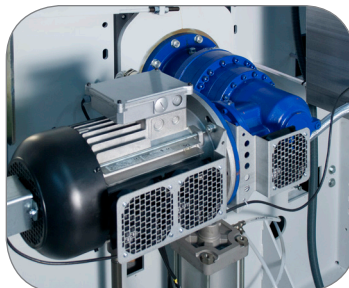
- PC Series flatwork ironers are also available in supplied steam or thermal oil heated versions.
- The steam version features temperature control (optional) so that it can be set depending on the type of linen to be ironed.



RIGID TECHNOLOGY



CONSTANT PRESSURE & UNIFORM TEMPERATURE



DIRECT TRANSMISSION



HIGHLY EFFICIENT

# PC12033/2G

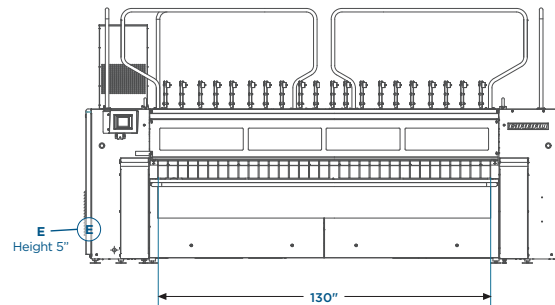
## SELF CONTAINED THERMAL FLUID IRONER

### ARCHITECTURAL/MECHANICAL PRODUCT SPECIFICATIONS

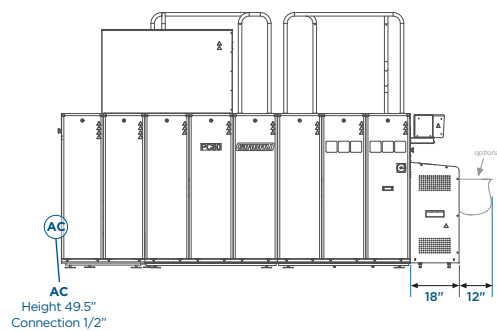
#### PRODUCT SPECS

Number of Rolls	2
Roll Diameter <i>inch</i>	48
Cylinder Length <i>inch</i>	130
Ironing Speed <i>ft/min</i>	16-164
Heating Surface <i>sq ft</i>	153.7
Maximum Heating Power <i>BTU/h</i>	1,706,071
Evaporation Capacity <i>cfm</i>	0.27
Average Gas Consumption <i>BTU/h</i>	1,023,642
Gas Connection <i>inch</i>	1
Gas Pressure <i>cfm</i>	31.6 @ 3-5 PSI
Number of Exhaust Connections	2
Ironer Exhaust Diameter <i>inch</i>	10
Ironer Exhaust Flow <i>cfm</i>	1,942
Ironer Exhaust Back Pressure (max) <i>inch</i>	4 WC
Burner Exhaust Diameter <i>inch</i>	10
Burner Exhaust Flow <i>cfm</i>	770
Burner Exhaust Back Pressure (max) <i>inch</i>	-0.02 WC
Electrical Power (all motors) <i>KVA</i>	37.26
Full Load Amps	
208-240V	134
440-480V	69
Circuit Protection Amps	
208-240V	160
440-480V	100
Wire Size	
208-240V	0 x 3 + GND
440-480V	4 x 3 + GND
Compressed Air Connection <i>inch</i>	1/2
Compressed Air Flow <i>cfm</i>	63.76 @ 87-94 PSI
Net Weight Total <i>lb</i>	22,487
Net Weight First Roll <i>lb</i>	12,125
Net Weight Second Roll <i>lb</i>	10,362
Crated Weight Total <i>lb</i>	25,031
Crated Weight First Roll <i>lb</i>	13,177
Crated Weight Second Roll <i>lb</i>	11,854
Machine Width <i>inch</i>	186
Machine Depth <i>inch</i>	195
Machine Height <i>inch</i>	79
Crated Roll Width <i>inch</i>	201
Crated Roll Depth <i>inch</i>	88
Crated Roll Height <i>inch</i>	91

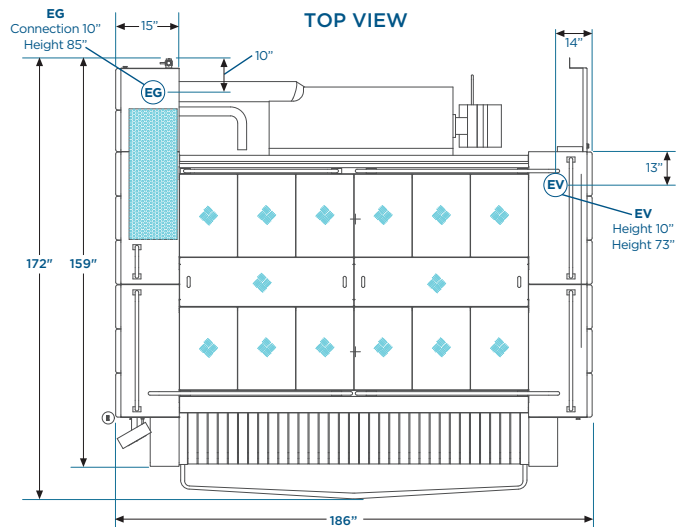
FRONT VIEW



SIDE VIEW



TOP VIEW



BACK VIEW

