

PC80

INDUSTRIAL IRONER | 2 ROLL - GAS

8030
8033
8035



PRODUCTIVITY – Parameters of the PC80 can be adjusted to achieve quality results with a variety of items; with speeds up to 148 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 chest support 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

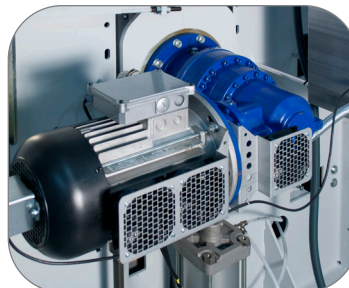
- PC Series flatwork ironers are also available in supplied steam or thermal oil heated versions.
- The steam version features temperature control (optional) so that it can be set depending on the type of linen to be ironed.



RIGID TECHNOLOGY



CONSTANT PRESSURE & UNIFORM TEMPERATURE



DIRECT TRANSMISSION



HIGHLY EFFICIENT

PC80

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PRODUCT SPECS	PC8030	PC8033	PC8035
Number of Rolls	2		
Roll Diameter <i>inch</i>	32		
Cylinder Length <i>inch</i>	118	130	138
Ironing Speed <i>ft/min</i>	16 - 148		
Heating Surface <i>sq ft</i>	79.99	87.8	93.2
Maximum Heating Power <i>BTU/h</i>	853,035		
Evaporation Capacity <i>cfm</i>	0.16		
Gas Connection (natural gas) <i>inch</i>	3/4 NPT		
Gas Pressure (natural gas) <i>inch wc</i>	40.9 - 120		
Gas Flow (natural gas) <i>cfm</i>	15.6		
Gas Connection (LP gas) <i>inch</i>	3/4 NPT		
Gas Pressure (LP gas) <i>inch</i>	40.9 wc		
Gas Flow (LP gas) <i>lbs/h</i>	43		
Number of Exhaust Connections	2		
Ironer Exhaust Diameter <i>inch</i>	10		
Ironer Exhaust Flow <i>cfm</i>	1,271		
Ironer Exhaust Back Pressure (max) <i>inch wc</i>	4		
Burner Exhaust Diameter <i>inch</i>	8		
Burner Exhaust Flow <i>cfm</i>	385		
Burner Exhaust Back Pressure (max) <i>inch wc</i>	-0.02		
Electrical Power (all motors) <i>kVA</i>	18.65		
Available Voltages, Wire Conductor, Amp			
Electric	208-240/60/3, 3W + G, 100		
Electric	440-480/60/3, 3W + G, 50		
Compressed Air Connection <i>inch</i>	1/2		
Compressed Air Flow <i>cfm</i>	6.7		
Compressed Air Pressure <i>PSI</i>	87-94		
Net Weight (total) <i>lb</i>	14,518	15,587	16,303
Net Weight (first roll) <i>lb</i>	7,529	8,091	8,466
Net Weight (second roll) <i>lb</i>	6,989	7,496	7,837
Crated Weight (total) <i>lb</i>	18,742	20,005	20,721
Crated Weight (first roll) <i>lb</i>	9,641	10,300	10,675
Crated Weight (second roll) <i>lb</i>	9,101	9,705	1,046
Machine Width <i>inch</i>	174	185	194
Machine Depth <i>inch</i>	159 - 172*		
Machine Height <i>inch</i>	93 - 100*		
Crated Roll Width <i>inch</i>	181	201	201
Crated Roll Depth <i>inch</i>	88.2		
Crated Roll Height <i>inch</i>	87.8		

* Depends on small piece tray and/or handrail.

Specifications subject to change without notice or obligation. Contact Girbau Industrial at (800) 256-1073 for dimensions not shown or for clarification.

