

PC80

FLATWORK INDUSTRIAL IRONER

PC8030
PC8033
PC8035



PRODUCTIVITY – Parameters of the PC 80 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, event 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

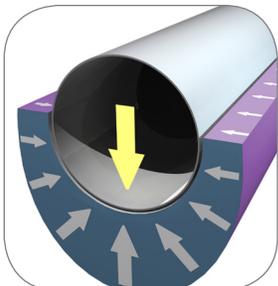
- The 93% efficiency of the gas-fired heat exchanger in the PC Series is achieved thanks to the following:
 - A spacious combustion chamber: the flame never touches the pipes, to avoid cracking.
 - Multi-piping: the oil circulates through four sets of piping, achieving a higher heating surface area —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

PRODUCT SPECS

		PC 8030/1	PC 8033/1	PC 8035/1	PC 8030/2	PC 8033/2	PC 8035/2	PC 8030/3	PC 8033/3	PC 8035/3
Number of Cylinders		1			2			3		
Heating surface	sq ft	39.9	43.9	46.6	100	110	116.6	159.8	176	186.5
Ø Cylinder	inch	31.5								
Cylinder length	inch	118.1	129.9	137.8	118.1	129.9	137.8	118.1	129.9	137.8
Speed	ft/min	16 -147								
Air flow V - AT - G	cfm	635			1271			1907		
Fumes flow - G	cfm	268			390			-		
Heating power AT	BTU/h	528.5	579.7	613.8	767.25	852.5	903.6	1312.8	1449.2	1534.5
Heating power G	BTU/h	580.0			853.0			-		
Steam flow	lbs/h	629	684	728	904	1004	1070	1555	1709	1809
Hot oil flow	gal/min	138	152	160	201	224	237	344	371	401
Ø Steam exhaust V - AT - G	inch	9.8								
Ø Fumes exhaust G	inch	7.9							-	
Ø Steam Ø Return	inch	50.8 1.5"								
Ø Hot oil Ø Return	inch	3" 3"						4" 4"		
Ø Compressed air	inch	0.5"								
Net Weight V-AT	lbs	7529	8091	8466	14957	16094	16865	22675	24384	25530
Net Weight G	lbs	10307	10868	11243	17759	18894	19655	-		
Height V-AT H	inch	60.2								
Height G H	inch	93								
Width L	inch	173.1	184.9	192.8	173.1	184.9	192.8	173.1	184.8	192.8
Depth V - AT P	inch	92.8			144.6			196.3		
Depth G P	inch	103.4			155.1			-		

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

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

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INTELI CONCEPT

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DIRECT TRANSMISSION

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PLUG & PLAY; EASY INSTALLATION

- The design of PC Series provides easy delivery and installation.
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GAS IRONER PROVIDES MAXIMUM EFFICIENCY

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 - 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

PRODUCT SPECS

	PC 12030/1	PC 12033/1	PC 12035/1	PC 12030/2	PC 12033/2	PC 12035/2	PC 12030/3	PC 12033/3	PC 12035/3	
Cylinder Nr.	1			2			3			
Heating surface	sq ft	118.1	65.9	69.9	139.9	153.7	163.2	219.7	241.5	256.4
Ø Cylinder	inch	47.2								
Cylinder length	inch	118	130	138	118	130	138	118	130	138
Speed	ft/min	16-164								
Air flow V - AT - G	cfm	971			1,942			2,943		
Fumes flow - G	cfm	390			780					
Heating power AT	BTU/h	791.6	870	921.2	1381.9	1518.4	1603.7	1859.6	2047.2	2170.1
Heating power G	BTU/h	853			1706					
Steam flow	lbs/h	933	1025	1087	1620	1790	1874	2194	2416	2562
Hot oil flow	gal/min	207	227	240	361	396	419	486	535	567
Motors power V - AT (50 Hz)	kW	0,9 / 1,1 / 11			0,9 / 2x1,1 / 2x11			0,9 / 3x1,1 / 3x11		
Motors power G (50 Hz)	kW	0,9 / 1,1 / 11 / 4,6			0,9 / 2x1,1 / 2x11 / 11,6			0,9 / 3x1,1 / 3x11 / 11,6		
Ø Steam exhaust V - AT - G	inch	9.8								
Ø Fumes exhaust G	inch	7.9			9.8					
Ø Steam Ø Return	inch	1 1/2" 1 1/2"			2" 1 1/2"					
Ø Hot oil Ø Return	inch	3" 3"								
Ø Compressed Air	inch	1/2"								
Net weight V - AT	lbs	11343	12677	13448	22520	25067	26643	33698	37457	39838
Net weight G	lbs	14264	15498	16314	27245	29685	31301	37304	41004	43453
Height V - AT H	inch	72.8								
Height G H	inch	105.7								
Width L	inch	171.4	183.2	191.1	171.4	183.2	191.1	171.4	183.2	191.1
Depth V - AT P	inch	108.5			176.2			243.8		
Depth G P	inch	118.4			190.8			258.4		

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