

PC80

FLATWORK INDUSTRIAL IRONER

PC8030
PC8033
PC8035

PRODUCTIVITY – Producing a flawless finish at rapid speeds, while maintaining up to 93 percent energy-efficiency, the PC-80 Flatwork Ironer is highly programmable for unsurpassed ironing, no matter the item type. Robust and durable, it boasts ironing speeds up to 148 ft./min.



PRODUCT / FEATURES

QUALITY

- A rigid chest with a mirror-polished surface and large flow channels contribute to consistent and even heat circulation — ensuring a flawless finish and superior results.

EFFICIENCY

- Delivering up to 93 percent efficiency, the PC-80 is smartly engineered to reduce utility costs. Separate motors for each roll, the bed's high-heat transfer, and controlled ironing pressure are key to maximum energy efficiency.

DURABILITY

- Industrial construction resists mechanical stresses and thermal expansion.
- Engineered for years of constant and trouble-free use, PC-80 Ironers are backed by a 7/5/3-year IndustrialCare warranty.

MAINTENANCE

- The ironer's flat-top structure simplifies maintenance. The casing is ergonomic, accessible, light and simple to remove.
- A smart design reduces wear on consumables, such as the ironer's padding, which lessens maintenance.

HEAT CAPTURE TECHNOLOGY

- Optional thermal insulation panels cover the ironer for significant gains in efficiency, productivity and a comfortable working environment. Heat stays inside the ironer where it belongs.

LONGER LIFE

- Constructed for years of use, PC-80 Ironers help ensure uninterrupted operation and a maximum return on investment.

INTELI CONTROL

- The Intelli Control brings total control over every ironing parameter and offers up to 100 custom ironing programs.
- The touch-screen control and intuitive system of icons work together for simple operation.

RIGID CHEST TECHNOLOGY

- The PC-80 features a rigid chest with a mirror-polished surface and large flow channels for consistent and even heat circulation – ensuring a flawless finish.
- The bridges between the beds are heated to create a larger ironing surface area, achieving uniform temperature without causing damaging tension against linen.
- The S-COIL design of the bed assures uniform heating of the entire ironing surface and eliminates cold areas
- A pressure gradient with maximum concentration of diametrical pressure delivers high-quality ironing.
- A floating, self-aligning system allows the ironer to adjust to thermal expansions and mechanical stresses, while maintain a constant pressure distribution over time.

DIRECT TRANSMISSION

- Gear motors transmit power to each roll independently and are electronically controlled through encoders and inverters that allow adjustment of roll speed and speed between rolls.

PLUG & PLAY; EASY INSTALLATION

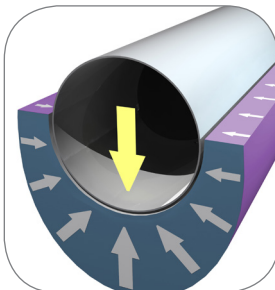
- Ironer design allows for easy delivery and installation.
- Quick start-up reduces installation time and labor.

GAS IRONER PROVIDES MAXIMUM EFFICIENCY

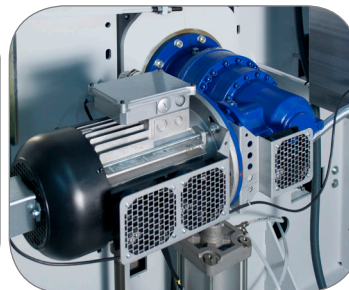
- The natural gas model boasts an industry-leading 93 percent efficiency!
- A spacious combustion chamber ensures the flame never touches pipes, to avoid cracking.
- A multi-piping system ensures thermal fluid circulates through four sets of piping for a more expansive heating surface area – improving efficiency.
- Steam circulates in three ways (flame, between pipes, return). This takes advantage of the temperature of the steam, which, through exchange, provides better heating efficiency.



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	130	138	118	130	138	118	130	138
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			250 (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
Motors power V - AT (50 Hz)	kW	1,1/1,1 5,5			1,1/ 2x1,1 2x5,5			1,1/ 3x1,1 3x5,5		
Motors power G (50 Hz)	kW	1,1/1,1 5,5/4/0,55			1,1/2x1,1 5,5/4/0,55			-		
Ø Steam exhaust V - AT - G	inch	9.8								
Ø Fumes exhaust G	inch	7.9						-		
Ø Steam Ø Return	inch	2” 1½”								
Ø Hot oil Ø Return	inch	3” 3”						4” 4”		
Ø Compressed air	inch	½”								
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	184.9	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.

