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GIRBAU

LAUNDRY EQUIPMENT

PS/PSP
FLATWORK IRONER WALL TYPE

A perfect balance between quality, performance and reliability

PS-2212
PS-3215
PS-3219
PS/PSP-5115
PS/PSP-5119
PS/PSP-5125
PS/PSP-5132

FLATWORK IRONER WALL TYPE PS/PSP – GAS, STEAM OR ELECTRIC HEATING A PERFECT BALANCE BETWEEN QUALITY, PERFORMANCE AND RELIABILITY

PS/PSP

Ease of use, safety, high productivity, modern design and energy efficient. Heavy-duty flatwork ironer wall type, with high evaporation capacity and superb finishing quality, requiring only minimum installation space.

Girbau Flatwork Ironer WALL TYPE, with strap ironing system, is available in 220, 325 and 510 mm cylinder diameters, useable widths from 1200 mm to 3165 mm; with integrated primary folder option (PSP-51 model only). Front feeding and front return.



Kinematic strap tensioning system (Pat 0528745) that ensures optimum ironing quality.

SUPERIOR FINISHING QUALITY

Girbau flatwork ironers provide the exceptional finishing quality demanded by today's demanding consumer.

Maximum evaporation capacity, quality cylinder with polished chrome finish, exclusive kinematic strap tensioning system, operator friendly exhaust, and optimum speed control with the industry exclusive *Autospeed*® system, guarantees the right control to ensure perfect ironing and the highest quality finished product. The superior finished results make Girbau flatwork ironers the leaders in industrial flatwork ironing applications. The most discerning client of a hotel or a restaurant can quickly recognize the use of Girbau machines through the highest quality finished table and bed linens.

EXCLUSIVE AND PATENTED SYSTEM *Autospeed*®

The *Autospeed*® System (pat.0528745), automatically adjusts the ironing speed to suit the type of material and humidity. The diagram compares the ironing temperature with or without *Autospeed*®. Without *Autospeed*® the temperature continuously fluctuates and can cause uneven drying. With the *Autospeed*® system, the temperature is constant, ensuring even drying for all types of material. When manual ironing is desired, the simple touch of a button turns *Autospeed*® off.



MACHINES BUILT TO LAST

Girbau flatwork ironers are constructed to prolong the life of the machine.

The ironer's frame is built with high quality carbon steel primer protected by epoxy paint.

The cylinder is made of heavy-duty machined steel mirror polished ($Ra=0,5 \mu m$), and finished in chrome. It is supported by oversized heavy-duty permanently lubricated bearings.

The exclusive roller and strap pressure creates a quality finishing process made possible by our kinematic strap tensioning system (Pat 0528745) that ensures increased pressure and gentle operation.

The installation of an extractor fan, to pull evaporated moisture away from the cylinder, and NOMEX ironing straps, prevent straps from remaining moist while ironing, thus extending the life of all feed and compression material components.



Hand guard protection with double sensor to control the active and rest position.



THE HIGHEST SAFETY LEVEL

State of the art design ensures conformity with worldwide safety standards. Incorporating PASSIVE SAFETY features such as: a fixed tray for item feeding, ensuring safe distancing between the operator and the machine, fixed safety guards, electrical circuit protection against external faults, etc.

ACTIVE SAFETY features such as: Switch Disconnecter, Emergency Stop, hand guard with double safety sensors, safety labels and computer alarm.

Certified CE (Europe) and ETL (USA) for machine safety, and conforms 89/336 CEE regarding: Electromagnetic Compatibility and 90/396/CEE for gas heated versions.

VERSATILITY, ACCURACY AND CONTROL TO MEET YOUR REQUIREMENTS



Primary folder applicable on model PSP-51

The Return-to-feeder design permits just one operator to iron the linen (applicable to widths up to 1500 mm). The integrated primary folder (PSP-51 models only) provides high output production versatility, with nine memory positions that can be programmed at the keyboard.

If power goes off, the items in process can be manually removed, preventing any possible damage.

TOTAL ACCESSIBILITY

The side covers are designed for an easy access to inner parts and provides a wide area for maintenance at both sides.



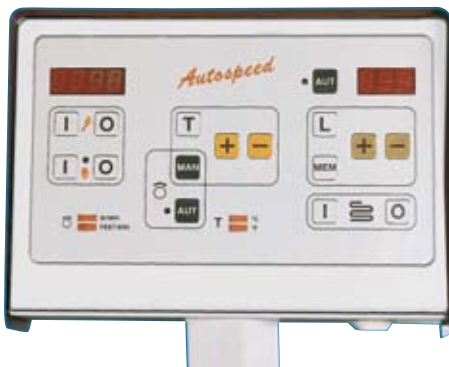
USER FRIENDLY FROM DAY ONE

Girbau flatwork ironers are easy to operate, thanks to simple controls and the energy-efficient and functional design.

The GIRBAU electronic PROGRAMMABLE MICROPROCESSOR CONTROL (PS-32/PS-51/PSP-51 Models) provides maximum handling autonomy, consistent control and perfect adaptation to users's specific needs; incorporating: *Autospeed*® system, manual mode operation, temperature and ironing speed control, cool-down cycle, process and adjustment advisories, diagnostics, etc... Test program that allows the user to conduct a self-testing of machine functions.



Model PS-2212 is supplied with an ELECTROMECHANICAL CONTROL, providing appropriate control of all the parameters, incorporating speed adjustment control, heating indication led, and thermostat for temperature adjustment.



PS/PSP-51 Programmable Microprocessor control



PS-32 Programmable Microprocessor control



PS-2212 Electromechanical control



A perfect balance between quality, performance and reliability

ECONOMICAL OPERATION

Girbau flatwork ironers feature low energy consumption through the application of a drive system, which operates through a motor-reducer, a speed inverter, an encoder and a versatile microprocessor which accurately controls the ironing speed. Maximum energy and drying efficiencies are achieved since linen-cylinder contact is up to 250° in total surface contact. Less heat is exhausted into the laundry room due to maximum thermal isolation. A filter located at the fan air-intake area, prevents lint exhaust (except model PS-2212) into open areas.

OPTIMUM PERFORMANCE WITH MINIMUM ENERGY CONSUMPTION

Girbau GAS heated flatwork ironers provide maximum energy utilization, achieving optimum performance with minimum consumption.



PS/PSP-5115
PS/PSP-5119
PS/PSP-5125
PS/PSP-5132



PS-3215
PS-3219



Girbau flatwork ironers have been constructed to fulfill all environmental requirements, following an environmentally friendly manufacturing process and using easily recyclable materials, according to standard EN ISO 14001 philosophy.

MAKING EQUIPMENT, OFFERING SOLUTIONS

Girbau offers complete systems to process linen. Hotels, hospitals, industrial laundries, cruises, etc... who wish to provide their clients with quality table linen, napkins, sheets, towels... and the high quality washing and ironing treatment they deserve, as well as guaranteeing profitability for the business.

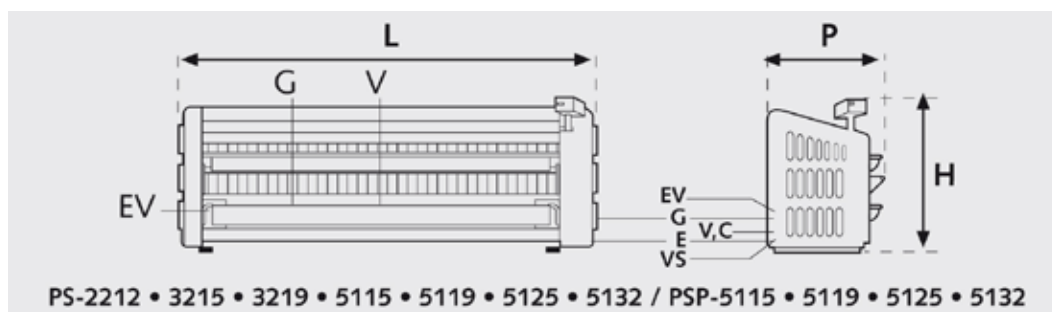
At Girbau we are conscious of the fact that your laundry service reflects the image of your business.

We care for your laundry, we care for your image.



MODEL		ELECTRIC	GAS / ELECTRIC			GAS / ELECTRIC				STEAM	
		PS-2212	PS-3215	PS-3219	PS-5115 PSP-5115	PS-5119 PSP-5119	PS-5125 PSP-5125	PS-5132 PSP-5132	PS-5119 PSP-5119	PS-5132 PSP-5132	
Ø Cylinder	mm (inch.)	220 (8.7)	325 (12.8)	325 (12.8)	510 (20.1)	510 (20.1)	510 (20.1)	510 (20.1)	510 (20.1)	510 (20.1)	
Cylinder length	mm (inch.)	1210 (47.6)	1550 (61)	1940 (76.4)	1480 (58.3)	1900 (74.8)	2530 (99.6)	3165 (124.6)	1900 (74.8)	3165 (124.6)	
Evaporation	l/h (c.f.h.)	10 (0.4)	15 (0.5)	18 (0.6)	23 (0.8)	30 (1.1)	40 (1.4)	50 (1.8)	42 (1.5)	70 (2.5)	
Speed	m/min (ft/min.)	1-3 (3.5-10)	1-5 (3-16)	1-5 (0.5)	1-6.5 (3-21)	1-6.5 (3-21)	1-6.5 (3-21)	1-6.5 (3-21)	1-6.5 (3-21)	1-6.5 (3-21)	
Net weight	PS kg.(lbs.)	245 (540)	450 (992)	515 (1135)	890 (1962)	1100 (2425)	1325 (2921)	1480 (3263)	1162 (2562)	1734 (3823)	
	PSP kg.(lbs.)	-	-	-	970 (2138)	1195(2634)	1450 (3197)	1640 (3616)	1257 (2771)	1894 (4176)	
Gross weight	PS kg.(lbs.)	300 (662)	605 (1333)	690 (1522)	1110 (2447)	1350 (2976)	1620 (3571)	1815 (4001)	1412 (3113)	2069 (4561)	
	PSP kg.(lbs.)	-	-	-	1200(2646)	1460 (3219)	1770 (3902)	2000(4409)	1527 (3366)	2249 (4958)	
Heigh H	mm (inch.)	1088 (42.8)	1319 (51.9)	1319 (51.9)	1420 (55.9)	1420 (55.9)	1420 (55.9)	1420 (55.9)	1420 (55.9)	1420 (55.9)	
Length L	mm (inch.)	1709 (67.3)	2068 (81.4)	2456 (96.7)	2170 (85.4)	2595 (102.2)	3225 (127)	3862 (152)	2665 (104.9)	3930 (154.7)	
Depth P	mm (inch.)	765 (30.1)	885 (34.8)	885 (34.8)	1164 (45.8)	1164 (45.8)	1164 (45.8)	1164 (45.8)	1164 (45.8)	1164 (45.8)	
Depth min.	PS kg.(lbs.)	541 (21.3)	729 (28.7)	729 (28.7)	938 (36.9)	938 (36.9)	938 (36.9)	938 (36.9)	938 (36.9)	938 (36.9)	
	PSP kg.(lbs.)	-	-	-	1124(44.3)	1124 (44.3)	1124 (44.3)	1124 (44.3)	1124 (44.3)	1124 (44.3)	
Ø Steam & gas exhaust EV	mm (inch.)	90 (3.5)	114 (4.5)	114 (4.5)	130 (5.1)	130 (5.1)	130 (5.1)	130 (5.1)	130 (5.1)	130 (5.1)	
Ø Gas inlet G	(mm) inch.	-	(12.7) 1/2	(12.7) 1/2	(19) 3/4	(19) 3/4	(19) 3/4	(19) 3/4	-	-	
Motor power E 380V (3ph + N)	kW (H.P.)	0,26 (0.35)	0,5 (0.67)	0,5 (0.67)	1,1 (1.48)	1,1 (1.48)	1,1 (1.48)	1,1 (1.48)	1,1 (1.48)	1,1 (1.48)	
Electric heating power E	kW	8	15	19	28	35.5	47	60	-	-	
Gas power G	kW (B.T.U/h)	-	22,1 (75600)	27,9 (95500)	32,5 (111000)	42,0 (143000)	54,6 (186500)	69,7 (238000)	-	-	
Steam power	kW (B.T.U/h)	-	-	-	-	-	-	-	48,8 (166500)	81,4 (277750)	
Ø Steam inlet V	(mm) inch.	-	-	-	-	-	-	-	(25.4) 1	(25.4) 1	
Ø Condensate outlet C	(mm) inch.	-	-	-	-	-	-	-	19 3/4	19 3/4	
Ø Safety valve discharge VS	(mm) inch.	-	-	-	-	-	-	-	12.7 (1/2)	12.7 (1/2)	

GIRBAU S.A. reserves the right to change design and/or specification without notice.



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