

**FLATWORK  
IRONER WALL TYPE PS/PSP**

**GIRBAU**



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

# FLATWORK IRONER WALL TYPE PS/PSP

## A NEW DIMENSION

**E**ase of use, Safety, High Production, 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, useful widths from 1200 mm to 3165 mm; with integrated primary folder option (PSP-51 model only). Front feeding and front return.

### 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 recognise 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 and allows for Manual Operation.

### 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, and custom fibreglass end plates.

The cylinder is comprised 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 & gentle operation.

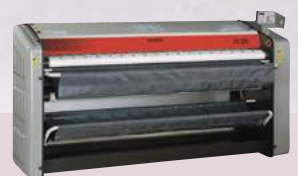
The installation of an extractor fan, to pull evaporated moisture away from the cylinder, and NOMEX ironing straps, prevent straps from remaining moist while ironing, thus extending the life of all feed and compression material components.



### OPTIONAL COLOURS IN HAND GUARD:



Basic:  
Saturn grey



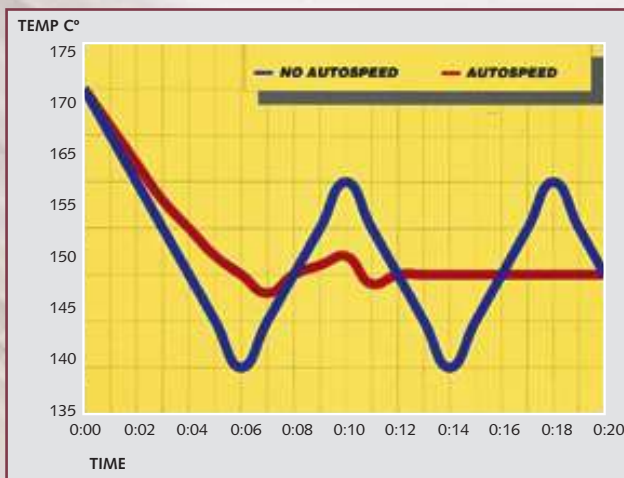
Option:  
Mars red



# **GAS, STEAM OR ELECTRIC HEATING IN QUALITY, PERFORMANCE AND RELIABILITY**



**PS-5115    PS-5119    PS-5125    PS-5132**  
**PSP-5115    PSP-5119    PSP-5125    PSP-5132**



**PS-3215    PS-3219**

## **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: Independent 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.



**PS-2212**

# VERSALITY, ACCURACY AND CONTROL TO MEET YOUR REQUIREMENTS

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 9 memory positions that can be programmed at the keyboard.

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



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



*Primary folder applicable on model PSP-51*

## 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.

Our flatwork ironer has been constructed to fulfil all environmental requirements, following an environmentally friendly manufacturing process and using materials easily recyclable, according to standard EN ISO 14001 philosophy.

## 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 user's specific needs; incorporating: Autospeed® system, manual mode operation, temperature and ironing speed control, cool-down cycle, process and adjustment advisories, Diagnostics, etc...

## ELECTROMECHANICAL CONTROL

For model PS-2212, 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.*





## **GIRBAU, THE GUARANTEE OF A WORLD LEADER**

Girbau, S.A. has had a dedicated presence in more than 71 international markets for over 28 years, GIRBAU is a world leader in the manufacturing of industrial laundry equipment for washing and handling fabrics.

GIRBAU's corporate priority is superior support and total customer and user satisfaction, possible by two fundamental priorities:

**The superior quality of all the products**, are distinguished in the market by design, quality, efficiency, reliability, and constant technological improvement.

**The most complete and personalised service**, consisting of:

*Sales Engineering Department* capable of developing personalised Laundry Room drawings and specifications to ensure optimum productivity and results.

*Service department*, provides responsive total after sale training and support.

*Worldwide Distributor Network*, capable of providing superior pre-sale and post sale support to ensure complete customer satisfaction.

## **GIRBAU, QUALITY AND SAFETY CERTIFIED**

Girbau flatwork ironers incorporate the most technically advanced improvements in quality and safety, enabling them to carry the CE (Europe) and ETL (USA) certifications.

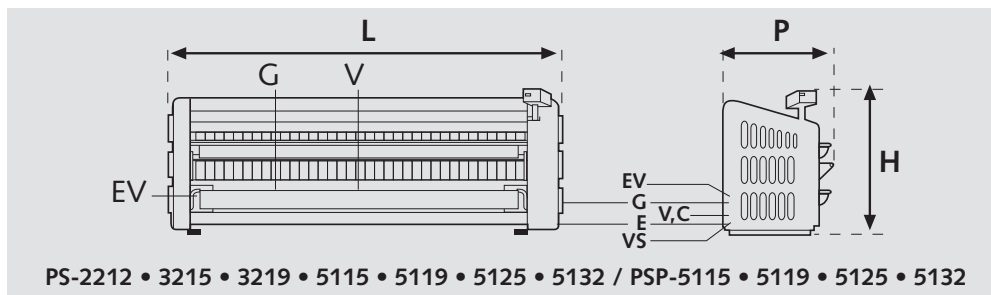
Girbau incorporates ISO-9001 Quality Certification issued by TÜV Rheinland since June 1996.

Girbau's R&D department uses the most advanced technology, such as calculation by finite element method, strain gauge testing and accelerated reliability tests, thus improving and extending the life of the machine.



# FLATWORK IRONER WALL TYPE PS/PSP

		ELECTRIC	GAS / ELECTRIC		GAS / ELECTRIC				STEAM	
MODEL		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)	1355 (2987)	2055 (4530)
	PSP kg(lbs.)	-	-	-	970 (2138)	1195 (2634)	1450 (3197)	1640 (3616)	1450 (3197)	2215 (4883)
Gross weight	PS kg(lbs.)	300 (662)	605 (1333)	690 (1522)	1110 (2447)	1350 (2976)	1620 (3571)	1815 (4001)	1605 (3538)	2390 (5269)
	PSP kg(lbs.)	-	-	-	1200 (2646)	1460 (3219)	1770 (3902)	2000 (4409)	1720 (3792)	2570 (5666)
Height 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)	3860 (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 mm(inch.)	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 mm(inch.)	-	-	-	1124 (44.3)	1124 (44.3)	1124 (44.3)	1124 (44.3)	1124 (44.3)	1124 (44.3)
Ø Stam & 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 (tri + 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



## GIRBAU

Factory: GIRBAU, S.A. Ctra de Manlleu, km. 1 • 08500 Vic (Barcelona) Spain • Tel. (34) 93 886 1100 - 93 702 7000 • Fax (34) 93 886 0785  
girbau@girbau.es • www.girbau.com

Spain: 08021 Barcelona • Santaló, 95 • Tel. (34) 93 200 90 90 - 93 200 33 88 • Fax (34) 93 201 09 50 • barcelona@girbau.es  
28028 Madrid • Fundadores, 31 • Tel. (34) 91 713 13 80 • Fax (34) 91 356 81 49 • madrid@girbau.es

ARGENTINA: 1405 Buenos Aires • Argasa, S.A. • Hidalgo 100 • Tel. 54-11-4901 7600 • Fax 54-11-4903 2362 • Argasa@infovia.com.ar

BRASIL: São Paulo-SP • Rua Mário Lopes Leão, 1097 - Santo Amaro - Cep 04754 - 010 • Tel./Fax. 55 11 569 35800 • girbau@uol.com.br

CUBA: La Habana • Lonja del Comercio, Oficina 3J - Lamparilla No.2 • Tel. (53-7) 662071 al 73 • Fax (53-7) 662083 • girbau@girbau.co.cu

FRANCE: 95970 Roissy CDG cedex • 12, Rue des Chardonnerets (Z.I. Paris Nord II) • BP 60008 • Tel. 33 1 49 38 85 85 • Fax 33 1 49 38 85 86 • info@girbau.fr • www.girbau.fr

U.A.E.: Dubai • Jebel Ali Free Zone • P.O.Box 17881 • Warehouse RA08VB08 • Tel. 971 4 8839951 • Fax 971 4 8839952 • girbau@emirates.net.ae

U.K.: London NW9 0HZ • Anglowest Dist. • 1, Carlisle Rd. • Tel. 44 181-205 72 85 • Fax 44 181-200 37 41 • Anglowest@aol.com • www.viking-girbau.co.uk

U.S.A.: Oshkosh, WI 54904 • 2500 State Road 44 • Tel. 1 (920) 231-8222 • Fax 1 (920) 231-4666 • info@cont-girbau.com • www.cont-girbau.com