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GIRBAU
GROUP

LS series | LS-332
WASHER EXTRACTORS | LS-355
Machines built to last

STURDINESS AND RELIABILITY GUARANTEE THE MAXIMUM RETURN ON YOUR INVESTMENT

LS series

The LS range of washers extractors are highly efficient.
They are both environmentally friendly and quiet.
Three control options, to meet each customer's precise requirements.

OVER
20 YEARS
IN PRODUCTION

RELIABLE MACHINES BUILT TO LAST

The frame is structurally reinforced, and is primed and coated in highly resistant epoxy paint. The inner and outer drums are of AISI-304 stainless steel. Other external panels are in galvalume plate with primer and highly resistant epoxy paint. All these materials guarantee a high protection against corrosion. The single-piece bearing housing is built to withstand the most demanding operating conditions, offering optimum wash performance and maximum energy savings while helping to prolong machine life.

The machines have an advanced drive system.

Heavy duty construction makes the equipment maintenance-free, with no need for lubrication, thereby eliminating "down time". All components are easy to replace, which makes Girbau washer extractors the leaders in industrial laundry installations.

SUPERIOR PROTECTION AGAINST HARSH CHEMICALS

Girbau's inner and outer drums are made of AISI-304 stainless to help extend the life of each machine. The dispensers are made of polypropylene. All flexible ducts, hoses and seals are manufactured from high quality material such as ethylene-propylene (EPDM), for superior protection against contact with chemicals.

Just opening the door of a Girbau washer, even one that has been working for years, will reveal a drum that is in perfect condition.



*The exclusive drum construction provides perfect fabric handling, even for very delicate items.
No drum on the market has the quality of Girbau's drums.*



Girbau's superior frame is structurally reinforced, allowing a longer machine life and higher spin speed.

HEATING OPTIONS

- Hot water
- Electric heating
- Steam Heating
- Hot water + electric heating
- Hot water + steam heating

THE WASH QUALITY YOU NEED

Girbau washer-extractors offer multiple programming options, with thermostatically controlled hot and cold water supply, giving complete control over all applications of the wash load cycle. The economy cycles on SM and PM control panels allow any laundry operator to program the machine for optimum water savings.

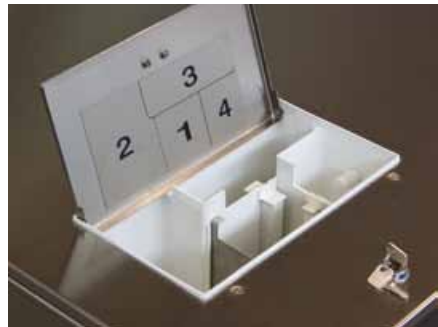
The analogue pressure transmitter for 6 water levels gives maximum water economy and enables operators to handle both large and small load requirements effectively.



The simple and functional design of the rear panels assures easy connection to water, steam and external dosing supplies. The rear panels also offer easy access to electrical terminals and internal parts.

USER-FRIENDLY FROM DAY ONE

Girbau machines are easy and convenient to operate thanks to their ease of handling and the ergonomic and functional design. The automatic self-cleaning four-compartment dispenser for powders and liquids, and factory-fitted automatic liquid feed detergent inlets make operation easier.



The LS-332 model has four automatic self-cleaning dispensers for powders and liquids. Factory-fitted automatic liquid feed detergent inlets



The LS-355 model has automatic self-cleaning side dispensers for powders and liquids.



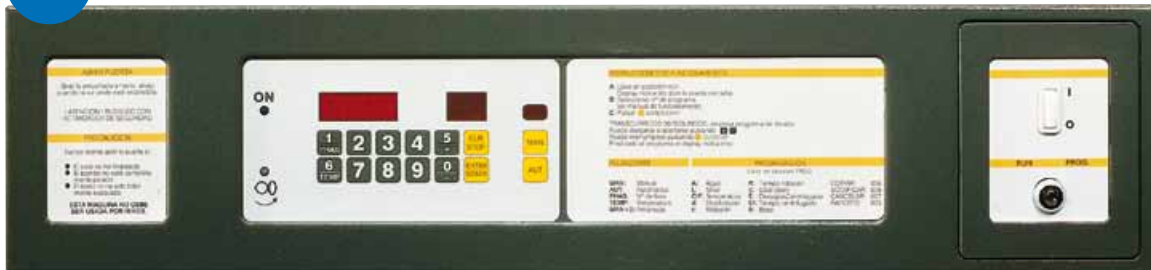
LS-332 32 kg capacity



LS-355 55 kg capacity

VERSATILITY, ACCURACY AND CONTROL TO MEET YOUR REQUIREMENTS

PM PROGRAMMABLE CONTROL



Girbau's electronic microprocessor offers 99 program selection options (20 are programmed into the machine and 79 are user-programmable). Each program allows up to 11 phases. The ideal control for professional processes.

Complete control of all functions:

- Water inlets: 3 water options.
- Levels: 6 water inlets.
- Temperature: from 0 to 90°C or 32 to 194°F.
- Dosing: 4 machine-dosing and 5 external signals for centralised dosing, time-programmable.
- Rotation: 3 variable rotation options + rotation 0.
- Times: from 1 to 99 minutes per phase.
- Cool-down: for synthetics fabrics.
- Draining: Single or double draining.
- Spin: 2 speeds.
- Spin time: from 1 to 12 minutes per phase.
- Buzzer: time-programmable.

Auxiliary programming functions:

- COPY, MODIFY or DELETE functions for all programs.
- REPORT: Display of the number of cycles each has completed.
- TEST: Checking for Technical Assistance Service.
- ALARMS: Monitor and warn of fluid supply and operational failures.

SM STANDARD CONTROL



Girbau's electronic microprocessor with a capacity for 8 **personalised** washing programs. Suitable for commercial laundries.

Options included: Adjustable temperatures; long, short, extra-short programs; synthetics, economy and crease guard settings; program acceleration and spin cancelling.

CM COIN CONTROL

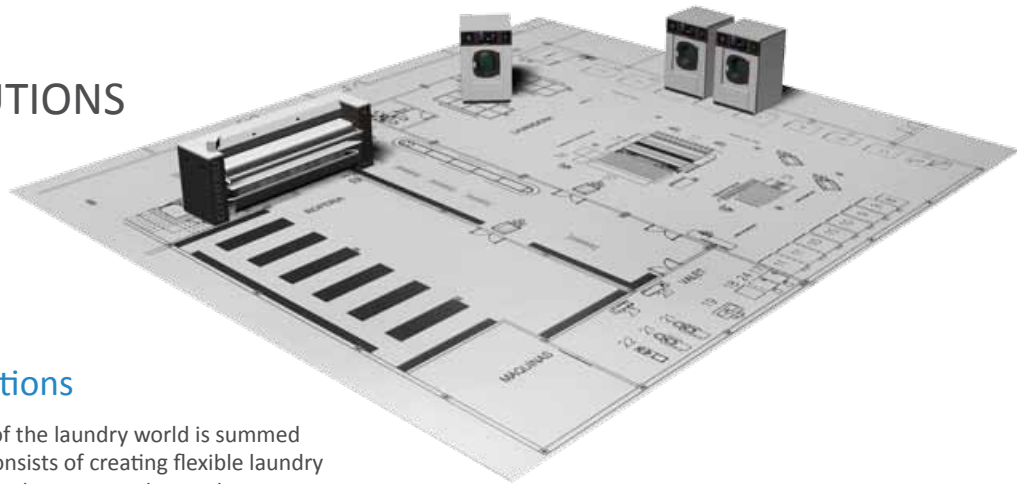


Girbau's electronic microprocessor offers four program selections; a display showing the price and the time remaining for the cycle; a mechanism for accepting coins or tokens. Programmable price control included. Suitable for coin-op establishments.

Option: Possibility of setting various prices depending on the time of day or days of the week.

E&B

EASY & BEST SOLUTIONS



Easy and sustainable solutions

The philosophy behind Girbau's vision of the laundry world is summed up in Easy&Best Solutions (E&B), and consists of creating flexible laundry solution packages that are adapted to each sector, so that each customer can easily find the solution they are looking for in terms of products and services.

E&B is the result of Girbau's 50 plus years of experience in the sector. In addition, E&B solutions are environmentally-friendly. We design efficient laundries, in tune with your business and its setting.

We look after your laundry, we look after your image.



YOUR SUCCESS DEPENDS ON MAKING THE RIGHT CHOICE



LS Serie WASHER EXTRACTORS

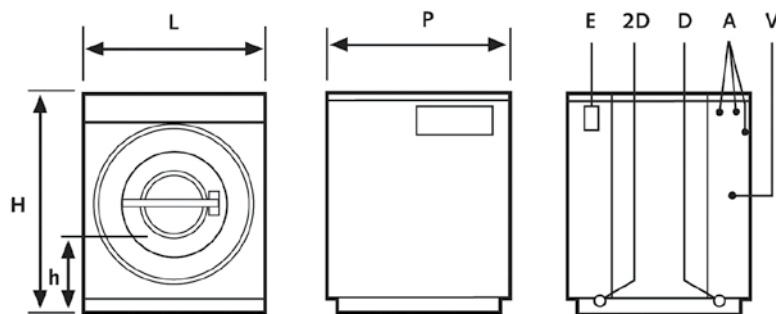


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MODEL		LS-332	LS-355
Capacity	kg 1/9 * (lbs)	35 (77)	61 (134)
	kg 1/10 (lbs)	32 (71)	55 (121)
Drum Ø	mm (in.)	900 (35,5)	1080 (42,5)
Drum depth	mm (in.)	500 (19,7)	600 (23,6)
Drum volume	dm ³ (cu.ft)	318 (11,2)	550 (19,4)
Net weight	kg (lbs)	596 (1.314)	1.100 (2.425)
Gross weight **	kg (lbs)	681 (1.501)	1.240 (2.734)
Height H	mm (in.)	1.440 (56,7)	1.745 (68,7)
Width L	mm (in.)	1.093 (43)	1.422 (56)
Depth P	mm (in.)	1.163 (45,8)	1.400 (55,1)
Door bottom floor h	mm (in.)	420 (16,5)	620 (24,4)
Washing speed	r.p.m.	40	34
Spin speed	r.p.m.	510	465
G-Force		131	130
Drain Ø D	(mm) in.	(75) 3	(75) 3
Water Ø A	(mm) in.	(19) 3/4	(25,4) 1
Steam Ø V	(mm) in.	(12,7) 1/2	(19) 3/4
Motors power	kW 50 Hz	0,65/0,75/2,6	1,2/1,6/3,4
	kW 60 Hz	0,75/1/3	1,4/2,1/3,7
Electric heating E	kW	21	33
Crating dimensions LxPxH	(mm) in.	1.200x1.250x1.550 (47,2x49,2x61)	1.520x1.490x1.960 (59,8x58,7x77,2)

* Loading capacity calculated with a ratio 1/9 (for every 9 dm³ drum volume, 1 kg linen) GIRBAU S.A. reserves the right to change design and/or specifications without notice.

** With wooden cage model



LS-332 • LS-355

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