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GIRBAU

LAUNDRY EQUIPMENT

HS 6 series high capacity **WASHER EXTRACTORS**

The force of experience, the challenge of innovation

HS-6023
HS-6040
HS-6057 STAT
HS-6057 TILT
HS-6110 STAT
HS-6110 TILT



GREENING your laundry

EXPERIENCE WITH INNOVATION ENSURES OPTIMUM RESULTS

HS 6 series HIGH CAPACITY



If you are already familiar with Girbau's prestigious 4000 Series, we invite you to discover how innovation has enabled us to make further major improvements

The structural mechanics (inner and outer drums, bearing box and frame) of these washers are identical to those of the 4000 Series that has provided such consistently good results for our customers..



Free Standing MDS



SILENCE

HIGH SPEED SPIN WITHOUT NOISE OR VIBRATION

The HS6 series is Free-Standing and does not require bolting down, this allows fast and easy installation

The 6 Series washer extractors include the most reliable shock absorbing system on the market, allowing silent and stable operation with spin speeds of up to 380G. The suspension absorbing up to 95% of the vibration.

ROBUST CONSTRUCTION

All the metal parts that come into direct contact with the linen are stainless steel. The construction of the side and front external cabinet are: central front panel stainless steel; the rest, are pre-coated panels. As an option, they may be supplied in stainless steel.

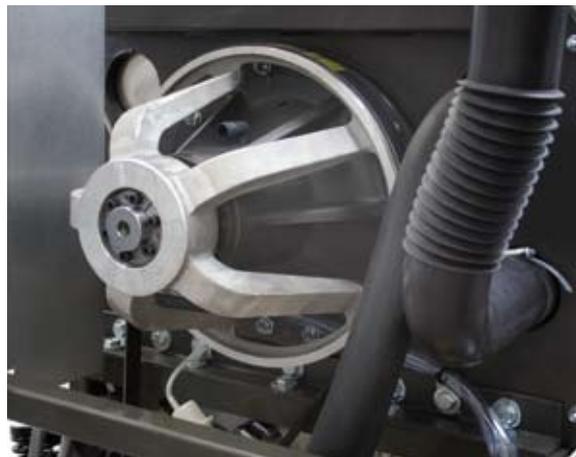
The exclusive GIRBAU sealing system is highly efficient. It is based on a double radial and axial Viton seal, with a large drainage chamber in between to quickly detect water entering the bearing box.

In addition, the watertight closing of the loading door is ensured with an EPDM seal. The system for regulating the pressure of the door on the seal (pat. PCT/ES2005/000677) prolongs the life of the seal considerably.

GDRIVE

The electronic GDRIVE system allows optimal treatment for each type of fabric. The inverter technology in communication with the washing machine's microprocessor allows:

- Multiple rotation speeds with a single motor
- Optimal management of the spin and positioning
- Important energy savings
- Integrated out of balance control
- Reduction in noise, vibration and component fatigue



SAVE TIME AND MONEY ON MAINTENANCE

The 6 Series high-capacity washers require little maintenance, and this is easily carried out as a result of all the transmission and electronic components being highly accessible, thereby reducing the costs.

At the same time, many of the components of the high-capacity 6 Series washers are interchangeable, making it easier to manage your stock of spare parts.

ERGONOMIC DESIGN

The aesthetic design of the 6 Series washer extractors is not simply aimed at making your environment more pleasant. During the design, ergonomic criteria have been considered, such as, the rounded corners

OPTIONS THAT AID LOADING AND UNLOADING (HS-6057 & HS-6110)

In all models, the ratio between the drum diameter and depth has been calculated to make loading and unloading especially easy as a result of the tilting of the machine

“TILT” SYSTEM

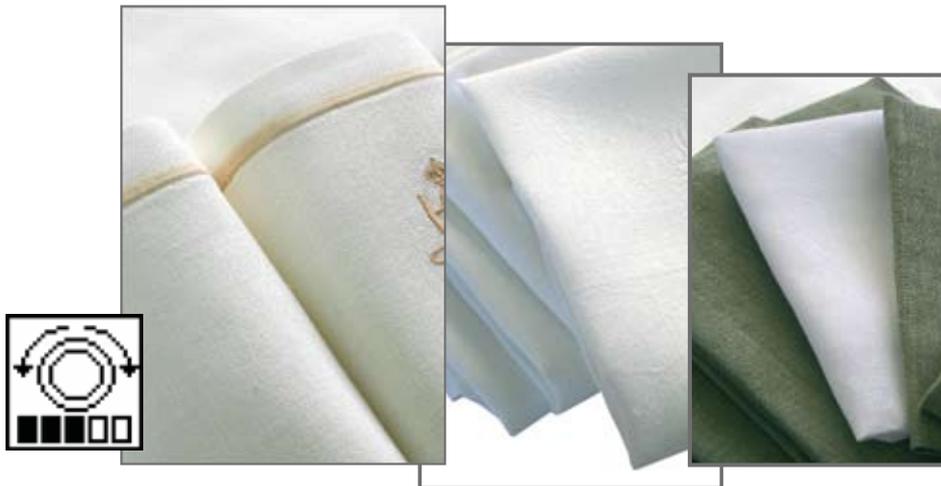
The optional tilting system (TILT system) is very efficient, requires little maintenance and does not take up additional space.

“EASY LOAD” SYSTEM

On static machines, a cost effective optional system to aid the loading and unloading of machines can be added. “EASY LOAD” has water inlet (compacting) and drum rotation (positioning) functions for loading, and rotation functions for unloading with the door open (outlet).



TILT System



THE STRENGTH AND DURABILITY OF A QUALITY DRUM

You only have to open the door of any Girbau washing machine to realise that although it may have been in service for many years, the drum remains in perfect condition.

Together with the excellent treatment that the clothes receive, the prestige that Girbau drums enjoy is guaranteed by build characteristics (welding-free) that give it great strength and durability.

Aquafall



— RINSE TIME

6 series is fitted with the Aquafall system: holes in the drum blades allow additional water to enter like a waterfall, increasing washing action and reducing rinsing time and working water levels.

AQUAMIXER



— HEATING CONSUMPTION

To improve the washing action even further, HS 6 Series machines incorporate the **AQUAMIXER** system, a hot and cold water mixer that allows the obtaining of very precise bath temperatures or as a supplement to the heating, thus saving energy and process times.

INTELI CONTROL, A SOPHISTICATED MICRO-PROCESSOR OFFERING ENDLESS POSSIBILITIES

Optimum dosing to give every fabric the treatment it deserves.

To guarantee the best washing process and treatment suitable for every fabric, the 6 Series washers with Inteli control allow up to 12 external dosings. In the Coin and Logi controls up to 4 external dosings can be connected.

Chemical products do not come into direct contact with the laundry they are pre-diluted in the collector.



The ability to control all of the machine parameters allows the most demanding of washes, such as wet cleaning, to be performed easily and efficiently.



External dosing



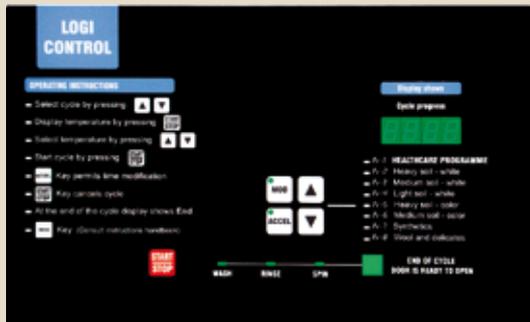
HS-6040 / HS-6057
HS-6110 (with 5 compartments)



HS-6023

COMPLETELY MODIFIABLE CONTROLS A PROGRAM FOR EACH NEED

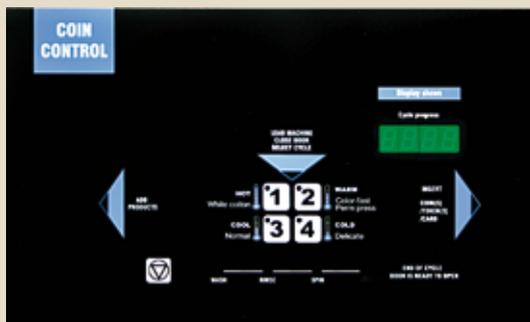
The high capacity HS 6 Series includes the INTELI control as standard, except for model HS-6023, which allows you to choose between COIN, LOGI and INTELI controls.



LOGI : HS-6023

Suitable for commercial laundries. It has 8 individually modifiable, phase-to-phase programs (up to 9 phases per program). The new LOGI control allows the user to modify the programs in an individualised way, providing many more possibilities for adapting the machine action according to the type of fabric to be treated.

The clock option allows the user to program the desired start time. It has a crease-guard mode, selectable gradual cool-down and failure check and message alarm system.



COIN: HS-6023

Suitable for coin-op establishments. It has 4 individually modifiable, phase-to-phase programs (up to 6 phases per program).

Pay system for coins or tokens.

Failure check and alarm message system.

The clock option allows the user to program prices according to the time of day and program.

Light indicators guide the user step by step until the washing machine starts.

Can be adapted for centralised vending systems.

ADVANCED GRAPHIC CONTROLS FOR HIGH PRECISION WASHING

INTELI : HS-6023 . HS-6040 . HS-6057 . HS-6110

The revolution in high-capacity 6 Series washers has arrived in the form of the INTELI control, opening up a new world of programming possibilities in an extremely easy and dynamic way. With a high memory capacity, it has 20 pre-defined programs and 79 free programs.

A system of icons developed by Girbau allows all the parameters of a wash program to be programmed intuitively, regardless of the user's language. These icons easily guide the user through the programming and execution process using the LCD screen.

Programming can be carried out either from the washer control or from any computer. The programs are saved in a memory card and, can later be copied to any model of 6 Series washer model fitted with Inteli control (IMTx).

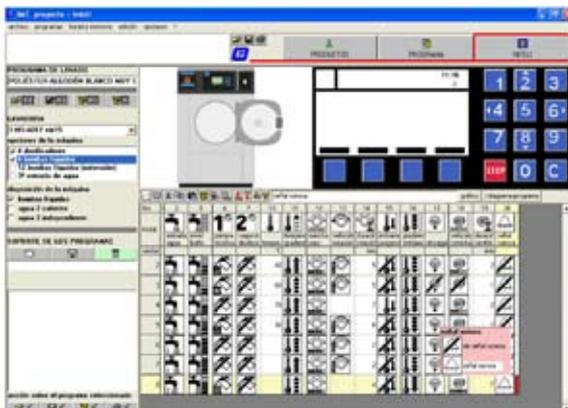
Each program can be identified with a name to make it easier for the operators to process batches of fabrics.



The Inteli screen indicates the operations being performed by the machine in each washing

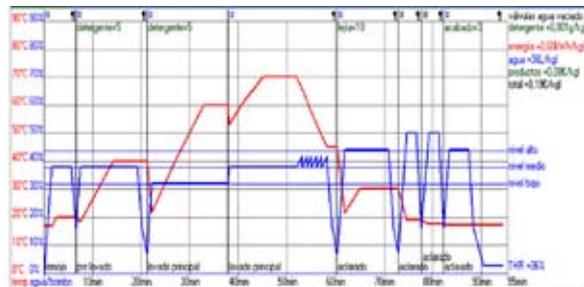
INTELI MANAGER TOOL EXPERT (IMTx)

A perfect tool for the professional



The Inteli Manager Tool Expert (IMTx) software allows the programming of each machine to be managed quickly and intuitively.

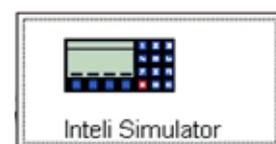
An excellent tool that provides savings and allows all programs to be modified with precision in order to optimise each load's washing cycle.



IMTx displays the consumption graphs in order to optimise the laundry's performance.



Washing programs creation software



Inteli operation training program

COMMITTED TO YOUR SAFETY

Exceeding all requirements and regulations, Girbau has always given the highest priority to the safety of its users



DOOR SAFETY SYSTEMS.

TWIN LOCK

Girbau washing machines have been fitted with a double safety system. Two safety micro-switches connected in series (one for door closing and the other for door locking), prevent the machine from starting up accidentally.

AUTOCHECK

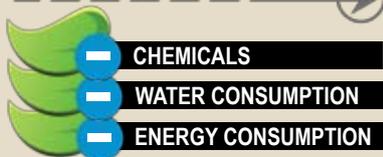
Since 1990, electronic monitoring has been used to check the dual status (open/ closed) of the safety switches in each washing cycle, and only allows a new cycle to start if a reading has been produced, thereby making it impossible to circumvent the safety system. In addition, with this system the user is able to detect faulty micro-switches, and the following cycle cannot be initiated until the switch has been changed.

HS6 SERIES HIGH CAPACITY CONFIGURATION

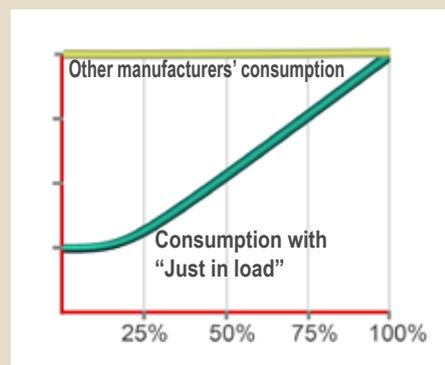
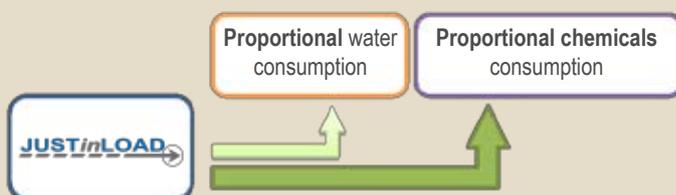


	HS-6023	HS-6040	HS-6057	HS-6110
Controls available	Logi / Coin / Inteli	Inteli	Inteli	Inteli
Control options	Stat	Stat	Stat / Easy Load / Tilt	Stat / Easy Load / Tilt
Internal dosing	Top	Side	Side	Side
External dosing no.	4	4	4	5
External dosing	4+8=12	4+8=12	4+8=12	4+8=12

JUSTinLOAD

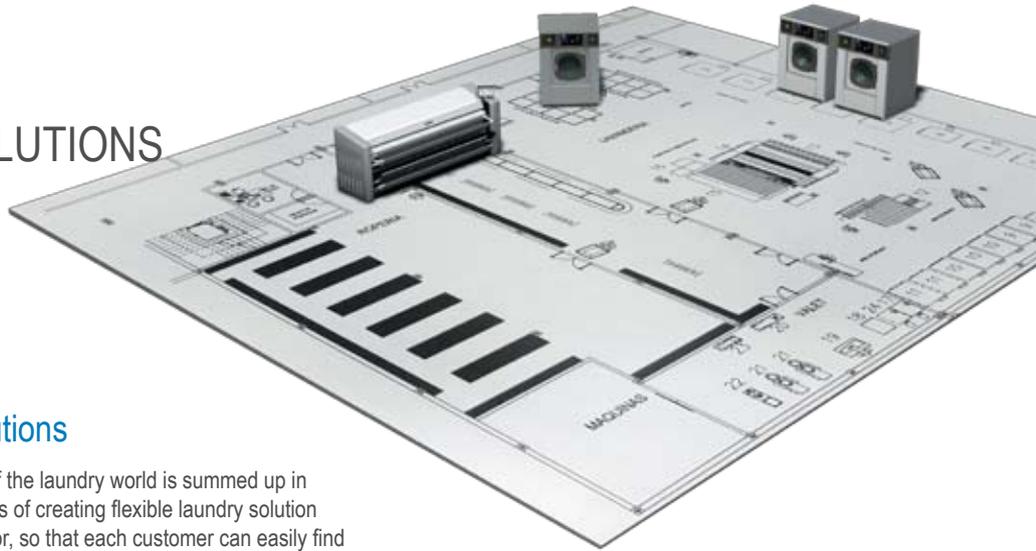


6 Series with Inteli control adds JUST IN LOAD function. It allows the proportional water consumption and dosing time to be calculated according to the selected program and the weight of the load.



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, the 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.

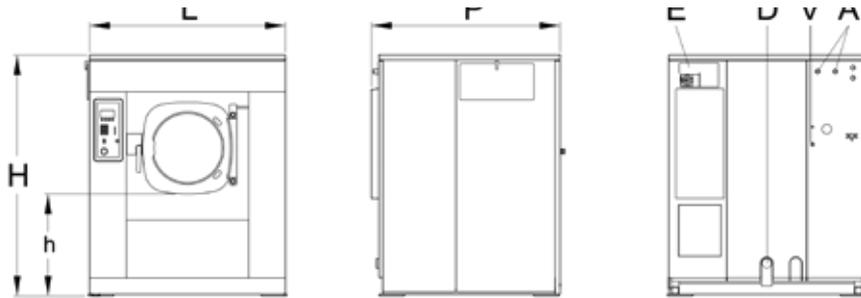
YOUR SUCCESS DEPENDS ON MAKING THE RIGHT CHOICE



MODEL		HS-6023	HS-6040	HS-6057		HS-6110	
Controls options		Stat	Stat	Stat/Easy Load	Tilt	Stat/Easy Load	Tilt
Capacity	kg (1/9) *	25	44	63	63	122	122
	kg (1/10)	23	40	57	57	110	110
Ø Drum	mm	740	900	1.080	1.080	1.310	1.310
Drum depth	mm	530	621	621	621	816	816
Drum volume	dm ³	228,0	395	569	569	1.100	1.100
P Net weight	kg	726	1.409	1.932	2.248	3.885	4.305
Crated weight	kg	775	1.544	2.103	2.519	4.180	4.640
Height H	mm	1470	1794	1925	2117	2068	2256
Width L	mm	1.000	1390	1.570	1.659	1.770	1.838
Depth P	mm	1.240	1455	1.493	1.657	1.939	2.058
Ø Door opening	mm	400	558 (22)	558	558	684	684
Floor to door h	mm	535	655 (25,8)	812	1.002	807	995
Washing speed LOGI, COIN	r.p.m.	43	-	-	-	-	-
Washing speed INTELI	r.p.m.	22 - 43	20 - 39	18-36	18-16	17-32	17-32
Distribution speed	r.p.m.	87	79	72	72	66	66
Spin speed (INTELI: can be modified)	r.p.m.	330,525,725,920	300,490,680,870	275,450,625,800	275,450,625,800	250,405,565,725	250,405,565,725
G-Force		351	381	387	387	386	386
Gravity drain Ø D	(mm) inch.	(76) 3	(76) 3	(76) 3	(76) 3	(130) 5	(130) 5
Ø Water A	(mm) inch.	(19) 3/4	(25,4) 1	(25,4) 1	(25,4) 1	(51) 2	(51) 2
Ø Steam V	(mm) inch.	(12,7) 1/2	(19) 3/4	(19) 3/4	(19) 3/4	(25,4) 1	(25,4) 1
Pressure	bar	2 - 6	2 - 6	2 - 6	2 - 6	2 - 6	2 - 6
Max. motor power	kW	1,8	4,8	7,3	7,3	11,0	11,0
Electric heating E (value for 230V)	kW	19,5 or 12	21,6 or 10,8	33 or 16,5	33 or 16,5	-	-
Voltage	H,V	200 - 480V, 3Ph	200 - 480V, 3Ph	200 - 480V, 3Ph	200 - 480V, 3Ph	200 - 480V, 3Ph	200 - 480V, 3Ph
	E	200 - 415V, 3Ph	200 - 415V, 3Ph	200 - 415V, 3Ph	200 - 415V, 3Ph	-	-
Shipping dimensions LxPxH	mm	1025 x 1255 x 1650 (40,4 x 49,4 x 65)	1520 x 1580 x 2030 (60 x 62,2 x 800)	1690 x 1646 x 2160	1690 x 1646 x 2160 1080 x 1980 x 700	1950 x 2120 x 2245	1950 x 2120 x 2245 1080 x 1980 x 700

H,V : Hot water, steam heating
E : Electric heating

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



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