HS6008
HS6013
HS6017
HS6024
HS6028
HS6032
HS6040
HS6057
HS6085
HS6110

HS SERIES WASHER EXTRACTORS

WASHING FOR A GREENER WORLD

G Drive · WET Cleaning Ready · Care Touch Drum · Smart Load
Free Standing SM Technology · Aqua MIXER · Aqua FALL · Easy LOAD
Tilt SYSTEM · TWIN LOCK AUTOCHECK · Ozone Ready

GIRBAU

HS SERIES WASHER EXTRACTORS

WASHING FOR A GREENER WORLD

HS6040 HS6057 HS6085 HS6110

HS6008 HS6013 HS6017 HS6024 HS6028 HS6032

WASHING SAVINGS

DURABILITY

The sturdy build of Girbau washing machines means:

- Girbau washing machines have a long working life and are virtually maintenance-free.
- Fabric lasts longer thanks to the careful treatment it receives during the washing process and the Care Touch Drum system.

PRODUCTIVITY

It is possible to set each washing parameter to suit the precise needs of each load (thereby saving time). This, combined with the stability of the process, which prevents unplanned stoppages, significantly increases productivity.

WATER AND ENERGY CONSUMPTION

Features like Aquamixer and Aquafall ensure maximum performance in washes with low water levels, minimising the water and power used.

SAFETY

Girbau washing machines have double safety features. The machine only starts up after checking that the door is closed and locked. In each washing cycle the system checks the dual status (open/closed) of the safety controls.

TWIN LOCK AUTOCHECK

EASE OF USE

The machine is simple, intuitive and ergonomic both to use and to maintain.

FLEXIBILITY

HS Series washing machines and their controls can adapt to suit all kinds of business and laundering needs.

TAKING CARE OF THE FABRIC,TAKING CARE OF THE SKIN

For generations our mothers and grandmothers washed their linen in rivers or wash houses.
Girbau keeps up the philosophy and the wisdom of these generations: washing thoroughly, but with the care of someone who values every garment.

GREENING THE WORLD

One of the principles for achieving a better world is to respect it. This is the leitmotif that has always spurred Girbau on to manufacture washing machines that consume less natural resources and energy, that pollute less and have less impact in terms of CO2 emissions.
Series 6 washers make laundries into businesses that are environmentally friendly, by taking sustainability into account.

Green laundries for a greener world

G Drive

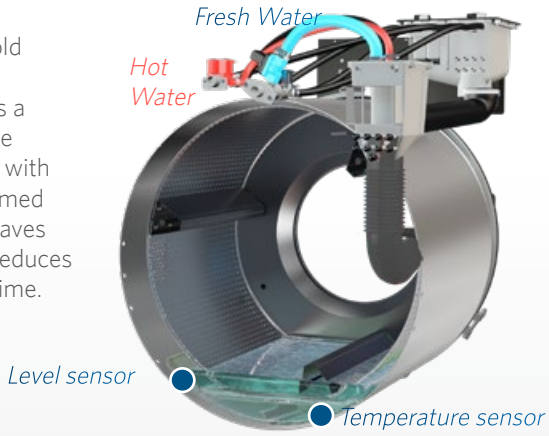
- \+ DURABILITY
- \+ SILENCE
- − ELECTRIC CONSUMPTION

Girbau's exclusive control and communication system linking the inverter, motor and microprocessor ensures that the whole assembly is properly balanced and has a longer life. GDRIVE makes it possible to control the speed, correct imbalances and reduce noise (noise level below 70dB), vibration and component fatigue.

Aqua MIXER

- \+ TEMPERATURE ACCURACY
- \+ FASTER CYCLE
- − WATER AND ENERGY

A hot and cold water mixer that achieves a highly precise temperature with the programmed water level saves energy and reduces wash cycle time.



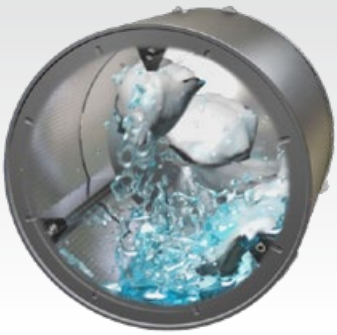
OPTIONS FOR HEATING

Electric
Steam
No heating (outside hot water feed)

Aqua FALL

- \+ MECHANICAL ACTION
- \+ FASTER CYCLE
- − WATER

Aquafall is the result of a study of the movement of water inside the drum. With a minimum level of water, and with recirculation through perforated blades, it provides a cascade flow, increases the washing action, reduces cycle time and saves water.



SOFT-MOUNT TECHNOLOGY

Free Standing **SM** Technology

+ FAST, FLEXIBLE INSTALLATION
− RESIDUAL MOISTURE

• EFFICIENT SPINNING

Girbau HS Series washing machines work at high spin speeds, up **to 400G** (depending on the model), extracting water efficiently (**residual moisture of less than 50%** depending on the fabric) and achieving energy savings on the subsequent drying process.

• SPINNING MANAGEMENT

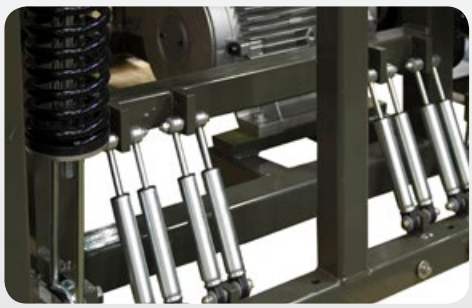
With smaller loads than usual, the system for detecting and handling imbalances ensures a high spinning success rate without harming the mechanism.

• EASY INSTALLATION

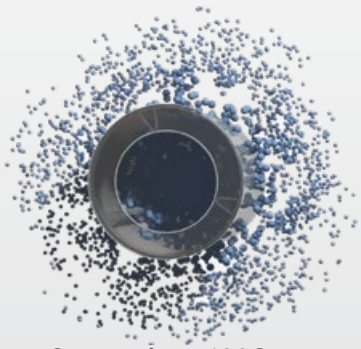
The Multi Directional Spring system absorbs vibration and noise so that no ground anchoring is required, making installation quick and easy.

• TOUGH DESIGN

The design is based on a calculation of structural tensions to avoid critical points and achieve a highly robust machine with a long working life, even when working under the most demanding conditions.



Multi Directional Springs



Spinning force 400G

WATERTIGHTNESS

- **MECHANICS:** Watertightness is assured by the double radial and axial seal with a large drainage chamber built in to stop any water leaking into the gearbox.
- **DOOR:** This uses an adjustable EPDM gasket system.
- **DRAINAGE:** This ensures fast draining of water from the bath, as well as preventing blockages due to solid particles and resisting today's chemicals, making it the most reliable on the market.

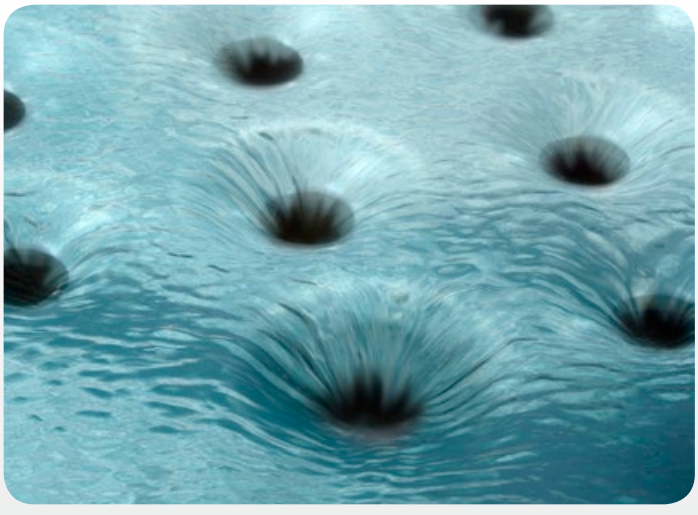
  With the option of separate double water outlet.
  (only on Inteli Control models).

GIRBAU
Genuine Spare Parts

Care Touch Drum

+ LINEN LIFETIME
+ QUALITY WASHING
− RESIDUAL MOISTURE

The system of pressed holes without sharp edges ensures that the linen is treated delicately and aids the evacuation of the water during the final spin, as well as ensuring fabrics are treated carefully.
This achieves low residual moisture levels and prolongs the useful life of fabrics.



Ozone Ready

The drum is made from AISI-304L stainless steel with a Viton seal, **resistant to washing processes using ozone**.

VERSATILE DOSING

All models feature **internal and external dosing** systems. Chemicals are always diluted beforehand in the collector to avoid damaging fabrics by direct contact.
Inteli Control handles **up to 12 separate dosing signals** of adjustable length for external equipment. It also deals with communication with smart external dosing equipment.

Internal dosing
HS6008 / 6032

Internal dosing
HS6040 / 6110

External dosing and collector
HS6008 / 6110

Smart Load

- WATER
- ENERGY
- CHEMICALS

This feature **automatically adjusts** water consumption and dosing time proportionally according to the load weight, fabric and programme selected. This saves water, energy and chemicals in every process, without the operator needing to do anything.

WATER RECOVERY SYSTEMS

A water re-use circuit cuts consumption by up to 50% depending on recoverable rinses. This water is recovered for the prewash and wash phases.

ENERGY SAVING

Good management of the energy and time invested in the process have a direct impact on the profitability of your business. Girbau know-how has enabled us to **develop** new equipment with a view to energy efficiency, **reducing water consumption by 59% and time taken by 23%.**

Serie 2

Serie 3

Serie 4

Serie 6

The ECO60ew programme currently gives very low water consumption rates (approximately **7 litres per kg** depending on model) together with high wash quality.
HS series models stand out as the most efficient according to WTL standards.

GIRBAU

The structure is designed according to ergonomic **criteria to make the operator's job easier.**

- The ratio between the diameter and depth of the drum is intended to make loading and unloading the washing machines easier.
- Large-diameter opening for loading.
- Rounded corners on the external casing to minimise impacts.
- Convenient access to all components of the machine to speed up maintenance tasks.
- Easy to operate door closing with minimum effort.

ERGONOMICS AND ASSISTANCE FOR OPERATORS

Easy LOAD

During loading the linen is compacted using water so as to minimise the work for the operator in completing loading. The water is used for the wash cycle.

While unloading with the door open the drum can be rotated alternatively both ways to untangle and free linen after the final spin.

(Available on HS6040 / 6057 / 6085 / 6110)

Tilt SYSTEM

A tilting system angles the machine back to make loading easier and forwards during unloading. Features EASY LOAD and, as an option, remote control.

(Available on HS6040 / 6057 / 6085 / 6110)

INTUITIVE, VERSATILE TECHNOLOGY

VENDED

wash vended

PROFIT PLUS CONTROL

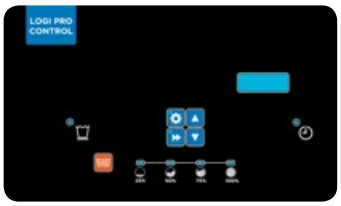
- 4 configurable programs and 3 **extra options specific to Vended Laundries**.
- Up to 6 phases per program.
- 4 water levels can be selected.
- Connection to an external dosing system.
- Adjustable length of dosing signal.
- Simultaneous dosing of two products.
- Failure check and alarm messages. Test program.
- Individual program and extra option counter.
- Price programming per time band, program and extra option.

COIN CONTROL

- 4 specific **configurable programs for Vended Laundries**.
- Up to 6 phases per program.
- 4 water levels can be selected.
- Connection to an external dosing system.
- Adjustable length of dosing signal.
- Simultaneous dosing of two products.
- Failure check and alarm messages. Test program.
- Individual cycle counter.
- Price programming per time band and program.

OPL

LOGI PRO CONTROL



- **25 configurable programs**
- Up to 11 phases per program.
- 6 water levels can be selected.
- Connection to an external dosing system.
- Adjustable length of dosing signal.
- Simultaneous dosing of two products.
- Failure check and alarm messages. Test program.
- **Just in Load** water and detergent consumption proportional to load weight.
- **Rinse Hold** crease-guard stop mode.
- Start-up at the desired time.
- Gradual cooling.
- Check operating parameters of the program under way.

LOGI CONTROL

- **8 configurable programs**
- Up to 9 phases per program.
- 4 water levels can be selected.
- Connection to an external dosing system.
- Failure check and alarm messages. Test program.
- **Rinse Hold** crease-guard stop mode (in final phase only).
- Start-up at the desired time.
- Gradual cooling (in wash phase only).

VENDED PAYMENT SYSTEMS

Payment with tokens, coins, vending or button systems.

WET Cleaning Ready

WET CLEANING

The ideal washing machine to deal with all delicate fabrics in wet cleaning processes.
The total control and configurability of all the parameters of the wash cycle make it possible to run all the most demanding processes with delicate linen.

Among other things, Inteli Control allows the following:

- Control of linen swing motion.
- Water filling and emptying without any mechanical action.
- Accurate control of the temperature in the bath (+/- 1ºC).

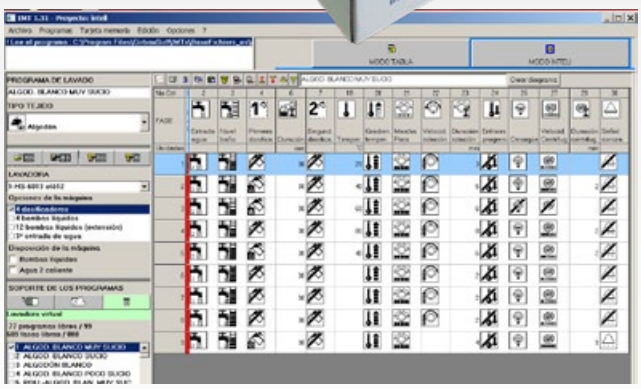
GIABAU

INTELI CONTROL

- **99 configurable programs**. 20 standard + 79 free.
- Unlimited number of phases.
- 6 water levels can be selected.
- Connection to an external dosing system.
- Adjustable length of dosing signal
- Simultaneous dosing of four products.
- Failure check and alarm messages. Test program.
- Option of manually adjusting parameters during washing.
- Smart Load. Automatic load detection and proportional consumption of water and/or detergent.
- Programmable gradual heating and cooling.
- **Rinse Hold** crease-guard mode stop.
- Start-up at the desired time.
- Individual total cycle and program counter.
- Programmable wash parameters.
  Wash speed.
  Spin speed.
  Spin time in seconds or minutes.
  5 levels of adjustable mechanical action.
- Memory card.
- IMTX

IMTX

Inteli Manager Tool eXpert Software and Hardware to control wash programmes for every need and every customer by computer.
The programmes are stored on the computer and/or on the INTELI memory card, making it quick and easy to transfer information to washing machines.



HS SERIES WASHER EXTRACTORS

Model			HS6008	HS6013	HS6017	HS6024	HS6028
Settings			**Stat**	**Stat**	**Stat**	**Stat**	**Stat**
Drum dimensions	Capacity 1/9	kg (lbs)	9 (20)	14 (30.7)	19 (42.3)	27 (59.5)	31 (68.6)
	Capacity 1/10	kg (lbs)	8 (18)	13 (27.7)	17 (38.1)	24 (52.9)	28(61.7)
	Volume	dm^3 (cu.ft)	79.2 (2.8)	126 (4.4)	173 (6.1)	239 (8.4)	280 (9.9)
	Ø	mm (in.)	536 (21.1)	620 (24.4)	700 (27.6)	765 (30.1)	825 (32.5)
	Depth	mm (in.)	351 (13.8)	416 (16.4)	450 (17.7)	520 (20.5)	524 (20.6)
Machine dimensions	Width **L**	mm (in.)	685 (27)	796 (31.3)	868 (34.2)	975 (38.4)	1.053 (41.5)
	Depth **P**	mm (in.)	700 (27.6)	887 (34.9)	962 (37.9)	1.225 (48.2)	1.294 (50.9)
	Height **H**	mm (in.)	1.080 (42.5)	1.325 (52.2)	1.404 (55.3)	1.477(58.1)	1.500 (59.1)
	Ø Door opening	mm (in.)	322 (12.7)	327 (12.9)	426 (16.8)	426 (16.8)	426 (16.8)
	Floor to door **h**	mm (in.)	390 (15.4)	509 (20)	515 (20.3)	581 (22.9)	600 (23.6)
Weights	Net weight	kg (lbs)	124 (273)	344 (13.5)	476 (1049)	584(1.289)	636 (1.401)
	Crated weight	kg (lbs)	134 (295)	372 (820)	500 (1.100)	607 (1.338)	674 (1.485)
Crated dimensions	Width L'	mm (in.)	720 (28.3)	823 (32.4)	897 (35.3)	1.002(39.4)	1.075 (42.3)
	Depth P '	mm (in.)	740 (29.1)	945 (32.7)	1.017 (40)	1.260 (49.6)	1.320 (52)
	Height H'	mm (in.)	1.212 (47.7)	1.494 (58.8)	1.565 (61.6)	1.630 (64.2)	1.657 (65.2)
Motors power	Wash	kW	0,3	0,4	0,6	0,7	1,2
	Spin	kW	0,6	0,9	1,3	1,8	1,9
Speeds	Wash LOGI. COIN	r.p.m	50	44	44	42	-
	Wash INTELI	r.p.m	-	17-44	17-44	22-42	20-42
	Positioned	r.p.m	100	100	100	86	83
	Spin INTELI (*can be modified)	r.p.m	400,600,800,970,1000	400,600,800,1,000	375,570,750,950	350,550,725,996	335,530,698,937
	G-Force		283	351	354	400	405
Electric heating	Electric heating	kW	1ph: 4, 6 3ph: 6	1ph: 6 ó 8 3ph: 9 ó 12	1ph: 6 ó 10 3ph: 9 ó 15	12 ó 19.5	19,5
	Voltage	H.V	120V 1ph 60Hz 200-240V 1ph 50/60Hz	200-240V 1ph 50/60Hz	200-240V 1ph 50/60Hz	200-240 V 1ph 50/60Hz 200-480V 3ph 50/60Hz	200-240 V 3ph 50/60Hz 380-480V 3ph 50/60Hz
		E	200-240V 1 o 3ph 50/60Hz 380-415V 3ph 50/60Hz	200-240V 1 o 3ph 50/60Hz 380-415V 3ph 50/60Hz	200-240V 1 o 3ph 50/60Hz 380-415V 3ph 50/60Hz	200-240V 1 o 3ph 50/60Hz 380-415V 3ph 50/60Hz	200-240 V 3ph 50/60Hz 380-415V 3ph 50/60Hz
Ø Drain	Gravity	mm(in.)	50 (2)	76 (3)	76 (3)	76 (3)	76 (3")
	Pump		25 (1)	-	-	-	-

H.V: Hot water heating.Steam heating E: Electric heating E: Calefacción eléctrica

Model			HS6008	HS6013	HS6017	HS6024	HS6028
Controls		Controls	**Logi / Logi Pro / Coin / Profit Plus**	**Logi / Inteli / Coin / Profit Plus**	**Logi / Inteli / Coin / Profit Plus**	**Logi / Inteli / Coin / Profit Plus**	**Inteli**
Dosing		Dosing Position	Top / Front	Top	Top	Top	Top
		Internal Dosing	4	4	4	4	4
		External Dosing	4	4 (+8 Option)	4 (+8 Option)	12	12
Panels		Precoated	–	•	•	•	•
		Front Stainless Steel	•	O	O	O	O
		All Stainless Steel	O	O	O	O	O
Water	**Inlet**	Third Water Inlet (Only INTELI)	–	O	O	O	O
		Type	Gravity/Pump	Gravity	Gravity	Gravity	Gravity
		Normal Open	•	•	•	•	•
		Normal Closed	O	–	–	O	O
		Second drainage (Only INTELI)	–	O	O	O	O
Pedestal		Basic	O	O	O	–	–
		Heavy	O	O	O	O	O
		Heavy Low	O	O	O	O	O
Weighing System		(Only INTELI)	–	–	–	O	O
Handheld for TILT		(Only INTELI)	–	–	–	–	–

• Standard / **O** Optional / **–** Not available

HS SERIES WASHER EXTRACTORS

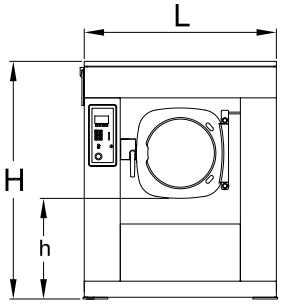
Model			HS6032	HS6040		HS6057		HS6085		HS6110	
Settings			**Stat**	Stat/Easy Load	Tilt	Stat/Easy Load	Tilt	**Stat** Easy Load	**Tilt** Easy Load	Stat/Easy Load	Tilt
Drum dimensions	Capacity 1/9	kg (lbs)	36 (78,3)	44 (96.7)		63 (139.3)		95 (208)		122 (269.5)	
	Capacity 1/10	kg (lbs)	32 (70,5)	40 (87.1)		57 (125.7)		85 (188)		110 (242.5)	
	Volume	dm^3 (cu.ft)	320 (11,3)	395 (13.9)		569 (201)		850 (30)		1.100 (38.8)	
	Ø	mm (in.)	825 (32,5)	900 (35.4)		1.080 (42.5)		1.310 (51,6)		1.310 (51.6)	
	Depth	mm (in.)	598 (23,5)	621 (24.4)		621 (24.4)		630 (24,8)		816 (32.1)	
Machine dimensions	Width **L**	mm (in.)	1.053 (41,5)	1.390 (54.7)	1.470 (57.9)	1.570 (61.8)	1.650 (65)	1.770 (69.7)	1.838 (72.4)	1.770 (69.7)	1.838 (72.4)
	Depth **P**	mm (in.)	1.294 (50,9)	1.455 (57.3)	1.613 (63.5)	1.493 (58.8)	1.613 (63.5)	1.939 (76.3)	2.058 (81)	1.939 (76.3)	2.058 (81)
	Height **H**	mm (in.)	1.500 (59,1)	1.798 (70.8)	1.988 (78.3)	1.925 (75.8)	2.115 (83.3)	2.068 (81.4)	2.256 (88.8)	2.068 (81.4)	2.256 (88.8)
	Ø Door opening	mm (in.)	426 (16,8)	558 (22)		558 (22)		684 (26.9)		684 (26.9)	
	Floor to door **h**	mm (in.)	600 (23,6)	659 (25.9)	849 (33.4)	812 (32)	1.002 (39.4)	807 (31.8)	995 (39.2)	807 (31.8)	995 (39.2)
Weights	Net weight	kg (lbs)	680 (1.499)	1409 (3.106)	1.725 (3803)	1.932 (4260)	2.252 (4.965)	3.756 (8.281)	4.108 (9.058)	3.885 (8.566)	4.238 (9.343)
	Crated weight	kg (lbs)	718 ((1.582,9)	1.544 (3.405)	1954 (4.309)	2.103 (4636)	2.517 (5.549)	4.007 (8.834)	4.479 (9.874)	4.108 (9.056)	4.580 (10.098)
Crated dimensions	Width L'	mm (in.)	1.075 (42,3)	1.520 (59.8)	1.520(59.8). 1.080 (42.5)	1.690 (66.5)	1.690(66.5), 1.080(42.5)	1.950 (76.8)	1.950(76.8), 1.080(42.5)	1.950 (76.8)	1.950(76.8), 1.080(42.5)
	Depth P '	mm (in.)	1.320 (52)	1.580 (62.2)	1.580(62.2). 1.980(77.9)	1.646 (64.8)	1.646(64.8), 1.980(77.9)	2.120 (83.5)	2.120(83.5), 1.980(77.9)	2.120 (83.5)	2.120(83.5), 1.980(77.9)
	Height H'	mm (in.)	1.657 (65,2)	2.030 (79.9)	2.030(77.9). 700 (27.5)	2.160 (85)	2.160(85), 700(27.5)	2.245 (88.4)	2.245, 700 (88.4), 700(27.6)	2.245 (88.4)	2.245(88.4), 700(27.6)
Motors power	Wash	kW	1,2	1,5		2,8		3,9		4,5	
	Spin	kW	1,9	4,8		7,3		9		11,0	
Speeds	Wash COIN	r.p.m	36	-		-		-		-	
	Wash INTELI	r.p.m	20-41	13-40		13-36		13-32		13-32	
	Positioned	r.p.m	83	79		72		66		66	
	Spin INTELI (*can be modified)	r.p.m	335,530,698,930	325,490,680,870		300,450,625,800		250,405,565,725		250,405,565,725	
	G-Force		400	381		387		386		386	
Electric heating	Electric heating	kW	19,5	10.8 ó 21.6		16.5 ó 33		-		-	
	Voltage	H.V	200-240 V 3ph 50/60Hz 380-480V 3ph 50/60Hz	200-480V 3ph 50/60Hz		200-480V 3ph 50/60Hz		200-240 V 3ph 50/60Hz 380-480V 3ph 50/60Hz		200-480V 3ph 50/60Hz	
		E	200-240 V 3ph 50/60Hz 380-415V 3ph 50/60Hz	200-415V 3ph 50/60Hz		200-415V 3ph 50/60Hz		-		-	
Ø Drainage	Gravity	mm(in.)	76 (3")	76 (3)		76 (3)		130 (5")		130 (5")	
	Pump		-	-		-		-		-	

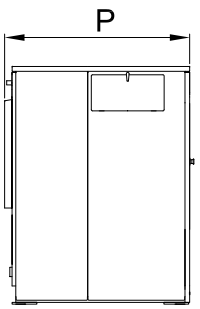
H.V: Hot water heating.Steam heating E: Electric heating

GIRBAU S.A. reserves the right to change specifications without notice

Model			HS6032	HS6040	HS6057	HS6085	HS6110
Controls		Controls	**Inteli / Coin / Profit Plus**	Inteli	Inteli	Inteli	Inteli
Dosing		Dosing Position	Top	Side	Side	Side	Side
		Internal Dosing	4	4	4	5	5
		External Dosing	12	12	12	12	12
Panels		Precoated	•	•	•	•	•
		Front Stainless Steel	O	O	O	O	O
		All Stainless Steel	O	O	O	O	O
Water	**Inlet Drainages**	Third Water Inlet (Only INTELI)	O	O	O	O	O
		Type	Gravity	Gravity	Gravity	Gravity	Gravity
		Normal Open	•	•	•	•	•
		Normal Closed	O	O	O	O	O
		Second drainage (Only INTELI)	O	O	O	O	O
Pedestal		Basic	–	–	–	–	–
		Heavy	O	O	–	–	–
		Heavy Low	O	O	–	–	–
Loading System		(Only INTELI)	O	O	O	O	O
Handheld for TILT		(Only INTELI)	–	O	O	O	O

• Standard / **O** Optional / **–** Not available TT





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