



HS SERIES
WASHER EXTRACTORS
WASHING FOR A GREENER WORLD

HS-6008
HS-6013
HS-6017
HS-6023
HS-6040
HS-6057
HS-6110



LAUNDRY EQUIPMENT

HS SERIES WASHER EXTRACTORS

WASHING FOR A GREENER WORLD



WASHING SAVINGS



DURABILITY

The sturdy build of Girbau washing machines means:

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



PRODUCTIVITY

It is possible to adjust each washing parameter to suit the precise needs of each load (thereby saving time), process stability, which prevents unplanned stoppages, thus significantly increasing productivity.



WATER AND ENERGY CONSUMPTION

Various features, such as the Aquamixer and the Aquafall systems make it possible to reduce the consumption of water and energy. In addition, having consumption information for all of the parameters makes it possible to identify settings that can optimise consumption.



SAFETY

Girbau washing machines have dual safety features. The machine is only active if a closed door and locked door signal have been validated. In each washing cycle the system checks the status (open/closed) of the safety controls.



GIRBAU

- **Proximity:** Girbau's extensive global sales and service network allow it to provide local after sales advice and service support directly, plus the peace of mind from using only original spare parts.
- **Experience:** We use the benefit of our extensive knowledge to ensure our clients receive the best possible advice on new laundry projects specifically tailored to their needs, coupled with ongoing advice and training provided by the Girbau Laundry Tips service (GLT). This is how we achieve Easy & Best optimised Solutions.

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 maintains the philosophy and wisdom of these generations: with the care of one that appreciates each garment.





GREENING THE WORLD

One of the principles for achieving a better world is to respect it. This is the reason which has always spurred Girbau on to manufacture washing machines that consume less natural resources and energy, which pollute less and have less impact in terms of CO₂ emissions.

Series 6 washers make laundries businesses that are environmentally-friendly, while taking into account sustainability.

**Green laundries
for a greener world**



GIRBAU



GDRIVE

Girbau's - exclusive management and communication system between 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, save energy, control out-of-balance and reduce noise, vibration and component fatigue.



AQUAFALL

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, increasing the washing action, reducing cycle time and minimising water usage.

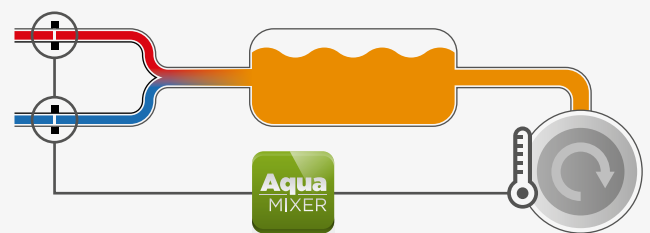
— RINSING TIME



AQUAMIXER

A hot and cold water mixer that achieves a precise temperature with the programmed water level, thereby saving energy and reducing the time of the wash cycle. In electric washing machines it is not necessary to activate the heating elements to heat the water.

— HEATING CONSUMPTION



OPTIONS TO AID LOADING AND UNLOADING



Large capacity static machines can incorporate this optional* and economic system that aids in loading and unloading the machine. With rotation and water inlet, it compacts the linen for easy loading, and with the slow drum rotation it will aid quick and easy unloading. There is substantially improved ergonomics.

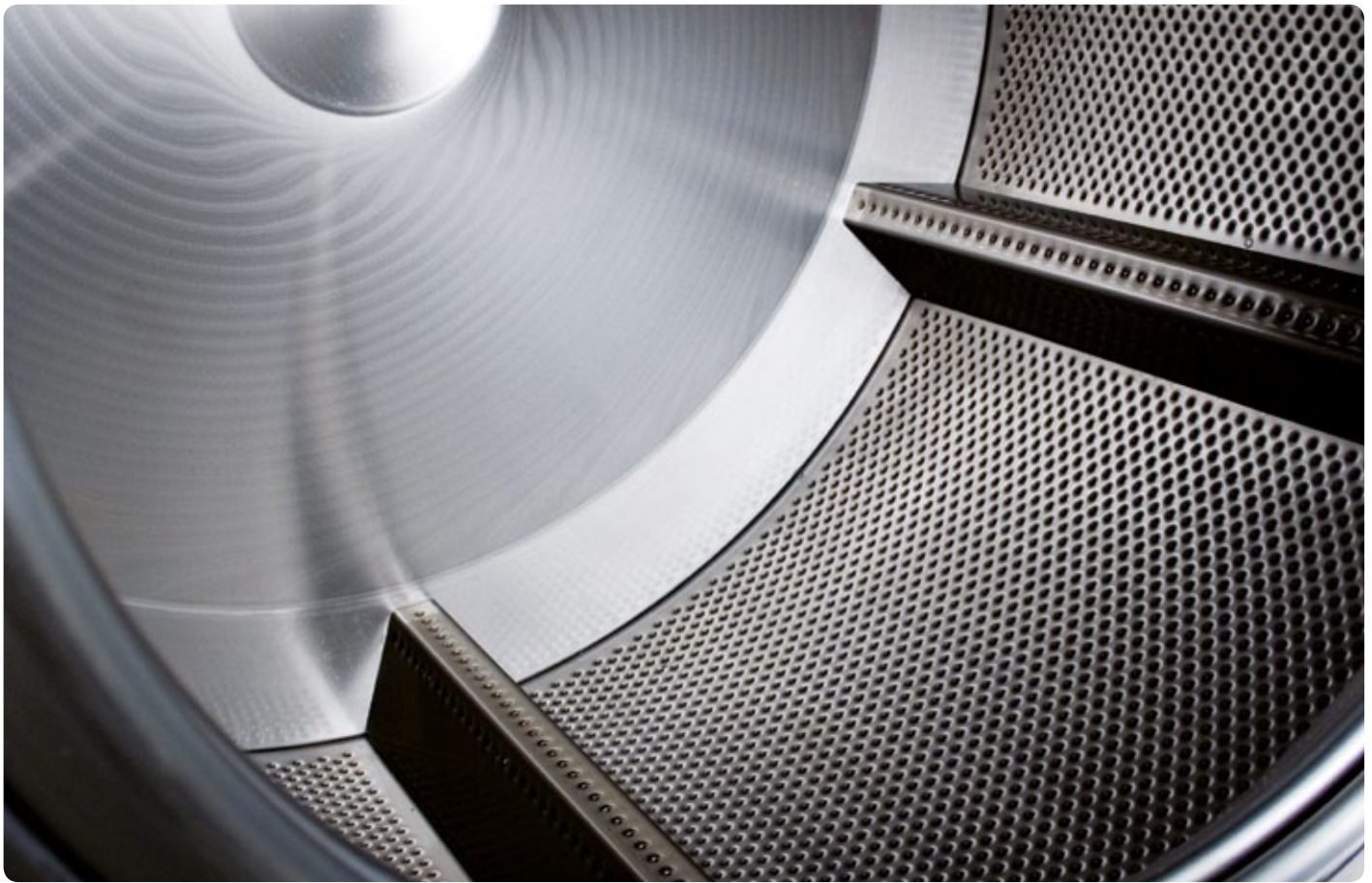
*Factory fitted option



It is a very effective optional tilting system that tilts the machine backwards and forwards for loading and unloading respectively.

Available for
HS-6040 / 6057 / 6110
Remote control option





CARE TOUCH DRUM

The system of deep punched holes without sharp edges ensures that the linen is treated delicately and aids the evacuation of the water during the final spin, thereby achieving very low residual moisture levels.

The drum is constructed in AISI-304L stainless steel.



EFFICIENTLY WATERTIGHT

GIRBAU's exclusive watertight system is highly efficient. It is based on a double radial and axial Viton seal (allowing the use of ozone) interspersed with a large drainage chamber for the rapid detection of water entering the bearing housing.



FREE STANDING MDS

The Series 6 HS washing machines are Free Standing and do not require additional fixing or bolting, thus making installation quick and simple.

+ SILENCE

The MDS (Multi Directional Springs) system allows spin speeds exceeding 350G in a silent and very stable way. It absorbs up to 95% of the vibrations and considerably extends the life of the shock-absorbers compared to other systems.

The watertightness of the door is also assured by means of an EPDM gasket. The system for regulating the pressure of the door on the seal (Pat. PCT/ES2005/000677) significantly extends the life of the door.





INTERNAL AND EXTERNAL DOSING WITH COLLECTOR

To ensure the best washing process and the proper treatment for each fabric, Series 6 washers with INTELL make it possible to control the time of up to 12 external dosings. The Coin and Logi controls can connect up to 4 external dosings. The chemicals are always previously diluted in the collector, thus preventing them from coming into direct contact with the fabric.

▼ HS-6008 /6023



▲ HS-6040/6057:
4 compartments
HS-6110:
5 compartments

◀ Collector



WET CLEANING

The control of the wash cycle parameters allows specific processes such as Wet Cleaning to be carried out easily and efficiently.

ERGONOMIC CONSTRUCTION

The Series 6 washers have been designed applying ergonomic criteria in the construction of their structure to aid the work of the operators. The diameter and the depth of the drum are designed to aid in loading and

unloading the washing machines. Similarly, the wide opening of the door aids access to the drum. The edges of the washers' outer casing are rounded to minimise the impact on operators



GIRBAU

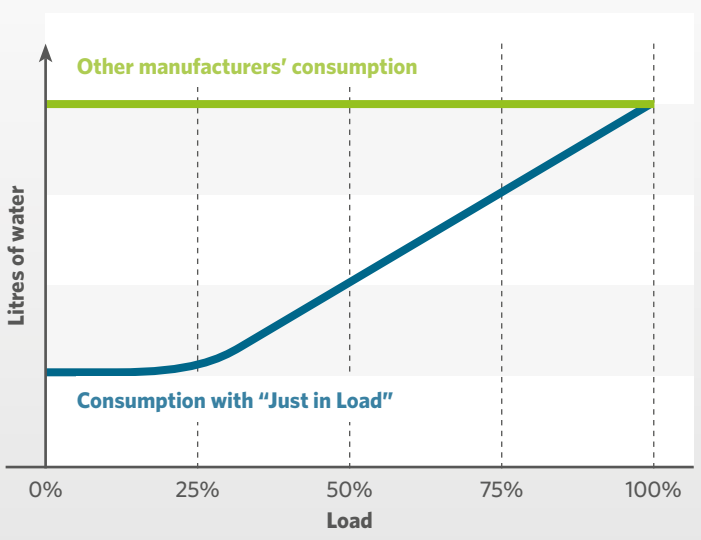


JUST IN LOAD

This function adjusts water consumption and dosing time proportionally, depending on the program selected and the weight of the load.

In this way water, energy and chemical products are saved in each process.

- WATER CONSUMPTION
- ENERGY CONSUMPTION
- CHEMICALS CONSUMPTION



ENERGY SAVING

Good management of the energy and time invested in the process have a direct impact on the profitability of your business.

Energy saving is the fundamental starting point in designing our washing machines. Over the past 15 years, our washing machines have succeeded in saving 59% of the water and 23% of the cycle time. The investment in the Series 6 translates into savings in each cycle.

In the last 15 years



HS-2055



HS-3055



HS-4055



HS-6057

Reaching water consumption levels of 7 litres/kg and 30 minute cycles, depending on the program.

A 59% saving in water
A 23% saving in time

COIN



COIN

for coin-op laundries. It has 4 programs individually adjustable phase to phase (up to 6 phases per program). The payment system can be via coins or tokens.

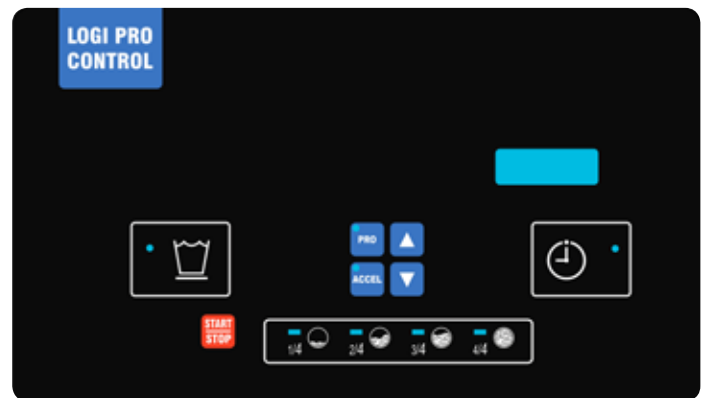
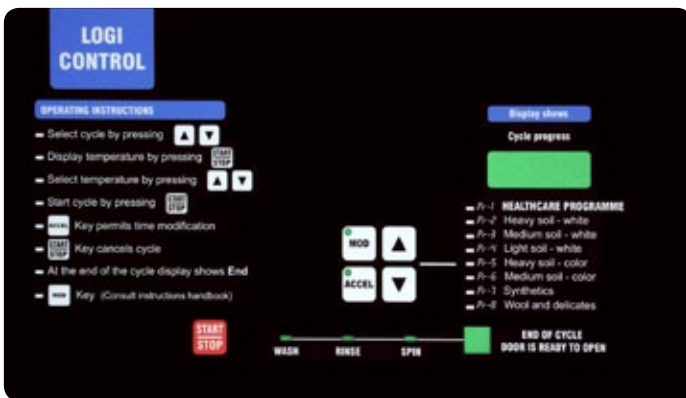
It incorporates a fault checking system and alarm messages. The clock option makes it possible to set prices according to timeslot and program.

LED indicators on the control guide the user step by step until the washer is started up.

It allows the possibility of adapting to centralised vending systems.



OPL



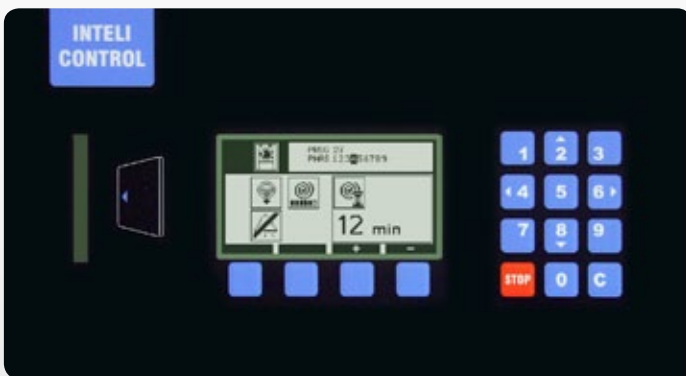
LOGI

for commercial laundries. It has 8 programs individually adjustable phase to phase (up to 9 phases per program). The new LOGI control makes it possible to modify the programs individually, providing many more possibilities for adapting the operation of the machine according to the type of fabric to be treated. The clock option makes it possible to programme the start-up at the desired time.

It has a halt function in anti-crease mode, selectable progressive cooling, a fault checking system and alarm messages.

LOGI PRO

Suitable for commercial laundries, it enables the creation of up to 25 programs, with the phases concept that Girbau applies to their washers. A LOGI PRO program contains from 1 to 11 phases, grouping of functions (water inlet, level, dosing, etc.) that are repeated sequentially throughout a programme.



INTELI

INTELI control opens up a new world of possibilities for extremely quick and easy programming with a large memory capacity. It has 20 preset programs and 79 free ones.

A system of icons developed by Girbau allows all the parameters of a washing programme to be set intuitively, regardless of the language of the user.

The icons guide the process of programming and execution easily by means of an LCD screen.

Each program can be identified with a name to make the operators' work easier.



- + EASY PROGRAMMING
- + FLEXIBILITY
- + SAVINGS

HS SERIES WASHER EXTRACTORS

WASHING FOR A GREENER WORLD

Model		HS-6008	HS-6013	HS-6017
Settings		Stat	Stat	Stat
Drum dimensions	Capacity 1/9	kg (lbs)	9 (20)	14 (30,7)
	Capacity 1/10	kg (lbs)	8 (18)	13 (27,7)
	Volume	dm ³ (cu.ft)	79,2 (2,8)	126 (4,4)
	Ø	mm (in.)	536 (21,1)	620 (24,4)
	Depth	mm (in.)	351 (13,8)	416 (16,4)
Machine dimensions	Width L	mm (in.)	685 (27)	796 (31,3)
	Depth P	mm (in.)	700 (27,6)	887 (34,9)
	Height H	mm (in.)	1.080 (42,5)	1.325 (52,2)
	Ø Door opening	mm (in.)	322 (12,7)	327 (12,9)
	Floor to door h	mm (in.)	390 (15,4)	509 (20)
Weights	Net weight	kg (lbs)	124 (273)	344 (13,5)
	Crated weight	kg (lbs)	134 (295)	372 (820)
Crated dimensions	Width L	mm (in.)	720 (28,3)	823 (32,4)
	Depth P	mm (in.)	740 (29,1)	945 (32,7)
	Height H	mm (in.)	1.212 (47,7)	1.494 (58,8)
Motors power	Wash	kW	0,3	0,4
	Spin	kW	0,6	0,9
Speeds	Wash LOGI, COIN	r.p.m	50	48
	Wash INTELI	r.p.m	-	13,27,36,43,48
	Spin LOGI,COIN	r.p.m	99,400,600,800,970	99,400,600,800,1.005
	Spin INTELI (*can be modified)	r.p.m	-	99,*400,*600,*800,*1.005
	G-Force		283,0	351,0
Electric heating	Electric heating (value for 230V)	kW	1ph: 2,4,6 3ph: 6	1ph: 6 ó 8 3ph: 9 ó 12
	Voltage	H,V	120-240V 1ph 50/60Hz	120-240V 1ph 50/60Hz
		E	200-240V 1 ó 3ph 50/60Hz 200-415V 3ph 50/60Hz	200-240V 1 ó 3ph 50/60Hz 380-415V 3ph 50/60Hz
Ø Drainage	Gravity	mm(in.)	50 (2)	76 (3)
	Pump		25 (1)	-

H, V: Hot water heating, Steam heating

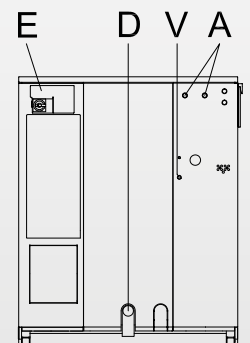
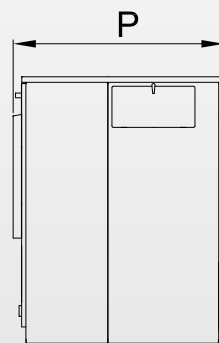
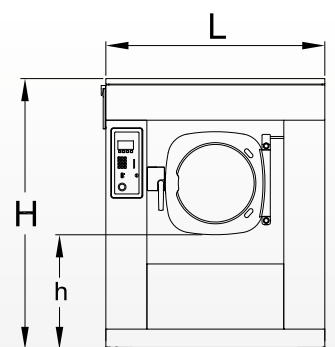
E: Electric heating

Model		HS-6008	HS-6013	HS-6017	HS-6023	
Controls	Controls	Logi / Logi Pro / Coin	Logi / Inteli / Coin	Logi / Inteli / Coin	Logi / Inteli / Coin	
	Real time clock for Logi, Coin (Std.Inteli)	O	O	O	O/*	
Dosing	Dosing Position	Top / Front	Top	Top	Top	
	N. Internal Dosing		4	4	4	
	N. External Dosing	Option 4	4+8 Option	4+8 Option	4+8 = 12	
	Extension Card I/O(Only INTELI)	-	O	O		
Panels	Precoated	-	•	•	•	
	Front Stainless Steel	•	O	O	O	
	All Stainless Steel	O	O	O	O	
	Front other colours	-	-	-	C	
Water	Inlet	Third Water Inlet (Only INTELI)	-	O	O	
	Drainages	Drainages	Gravity/Pump	Gravity	Gravity	Gravity
		Normal Open	•	•	•	•
		Normal Closed	O	-	-	O
		Second drainage (Only INTELI)	-	O	O	O
Pedestal	Basic	O	O	O	-	
	Heavy	O	O	O	O	
	Heavy Low	O	O	O	O	
Loading System	(Only INTELI)	-	-	-	O	
Handheld for TILT	(Only INTELI)	-	-	-	-	

• Standard / O Optional / - Not available / C Consult

HS-6023		HS-6040		HS-6057		HS-6110	
Stat	Stat/Easy Load	Tilt	Stat/Easy Load	Tilt	Stat/Easy Load	Tilt	
25 (55,8)	44 (96,7)		63 (139,3)		122 (269,5)		
23 (50,3)	40 (87,1)		57 (125,7)		110 (242,5)		
228 (8,1)	395 (13,9)		569 (201)		1.100 (38,8)		
740 (29,1)	900 (35,4)		1.080 (42,5)		1.310 (51,6)		
530 (20,9)	621 (24,4)		621 (24,4)		816 (32,1)		
1.000 (39,4)	1.390 (54,7)	1.470 (57,9)	1.570 (61,8)	1.650 (65)	1.770 (69,7)	1.838 (72,4)	
1.240 (48,8)	1.455 (57,3)	1.613 (63,5)	1.493 (58,8)	1.613 (63,5)	1.939 (76,3)	2.058 (81)	
1.470 (57,9)	1.798 (70,8)	1.988 (78,3)	1.925 (75,8)	2.115 /83,3)	2.068 (81,4)	2.256 (88,8)	
400 (15,7)	558 (22)		558 (22)		684 (26,9)		
535 (21,1)	659 (25,9)	849 (33,4)	812 (32)	1.002 (39,4)	807 (31,8)	995 (39,2)	
726 (1.601)	1409 (3.106)	1.725 (3803)	1.932 (4260)	2.252 (4.965)	3.885 (8.566)	4.238 (9.343)	
775 (1.709)	1.544 (3.405)	1.954 (4.309)	2.103 (4636)	2.517 (5.549)	4.108 (9.056)	4.580 (10.098)	
1.025 (40,4)	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)	
1.255 (49,4)	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)	
1.650 (65)	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(88,4), 700(27,6)	
0,7	1,5		2,8		4,5		
1,8	4,8		7,3		11,0		
43	-		-		-		
16,22,29,36,43	13,19,26,33,40		13,18,24,30,36		13,17,22,27,32		
87,330,525,725,920	-		-		-		
87,*330,*525,*725,*920	79,325,*490,*680,*870		72,300,*450,*625,*800		66,250,*405,*565,*725		
351,0	381,0		387,0		386,0		
12 ó 19,5	10,8 ó 21,6		16,5 ó 33		-		
200-240 1ph 50/60Hz 200-415V 3ph 50/60Hz 440-480V 60Hz	200-415V 3ph 50/60Hz 440-480V 60Hz		200-415V 3ph 50/60Hz 440-480V 60Hz		200-415V 3ph 50/60Hz 440-480V 60Hz		
200-415V 3ph 50/60Hz	200-415V 3ph 50/60Hz		200-415V 3ph 50/60Hz		-		
76 (3)	76 (3)		76 (3)		130 (5")		
-	-		-		-		

HS-6040	HS-6057	HS-6110
Inteli	Inteli	Inteli
•	•	•
Side	Side	Side
4	4	5
4+8 = 12	4+8 = 12	4+8 = 12
•	•	•
O	O	O
O	O	O
C	C	C
O	O	O
Gravity	Gravity	Gravity
•	•	•
O	O	O
O	O	O
-	-	-
O	-	-
O	-	-
O	O	O
O	O	O



E&B

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EASY AND SUSTAINABLE SOLUTIONS

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Easy and best



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



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See video

