


**CONTINENTAL**  
GIRBAU®

Do not allow children to operate machine.



**DOOR IS EQUIPPED WITH INTERLOCK SAFETY DEVICE**

Never try to open the door if:

- Cycle has not finished
- Drum has not completely stopped
- Water has not been completely drained.

**INTELL CONTROL**



The control panel features a digital display showing '12 min' and various icons. Below the display is a numeric keypad (1-9, 0, C) and a red 'STOP' button. The 'CONTINENTAL GIRBAU INC' logo is printed below the keypad.



**E**  
SERIES

E-SERIES HIGH-PERFORMANCE  
SOFT-MOUNT WASHER-EXTRACTORS

EH030 | EH040 | EH060 | EH070 | EH080



# UNIQUE DESIGN

E-Series Washers, in 30-, 40-, 60-, 70- and 80-pound capacities, offer an easy-to-install freestanding design, highly programmable controls and superior energy efficiency. Designed to reach extract speeds up to 405 G-force, E-Series Washers remove more water from every load, cutting dry time and catapulting laundry productivity. Simple to use, E-Series Washers properly clean virtually any fabric type in considerably less time, using less labor. Robustly engineered, E-Series Washers are backed by an industry-leading 5/3-year ContinentalCare Warranty.

## ZERO-IMPACT INSTALLATION

The freestanding design of E-Series allows for quick installation and same-day operation. Unlike hard-mount washers, there is no need to bolt E-Series Washers to concrete foundations. The machines are constructed using a Multi-Directional Springs (MDS) system that absorbs 95 percent of all vibrations during the wash process. This allows installation in unconventional locations, including rooms with in-floor heat and second-story laundries — all with little or no floor preparation or cost. Moreover, the freestanding design allows laundries to easily relocate E-Series Washers with zero impact on the facility.

## PROVEN CONSTRUCTION, DURABILITY & LONGEVITY

E-Series Washers feature durable AISI-304 stainless steel inner and outer drums designed for constant use. The front, side and top panels are constructed of steel and coated with Continental's unique Titan Steel Finish® for superior appearance and corrosion resistance. Each component is engineered with as few welds as possible for unmatched strength. The oversized door, which allows for easy loading and unloading, is also equipped with a heavy-duty, bolt-style hinge to withstand the rigors of constant use. Rounded cabinet corners, oversized bearings and a quality sealing system ensure years of trouble-free use.

## EASE OF MAINTENANCE

We've simplified maintenance requirements on our E-Series line, and simultaneously, ensured accessibility of components. The top panel of the washer is easily removed without interfering with chemical dispensers. The drain is easily accessible via the removal of the front panel. Bearings are lubricated for a lifetime, the poly-v belt needn't be tightened and bearings and seals are easily replaced without removing the washer drum.

## SMOOTH TOUCH

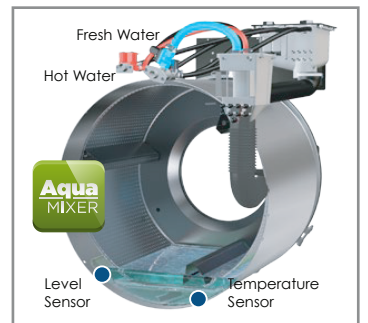
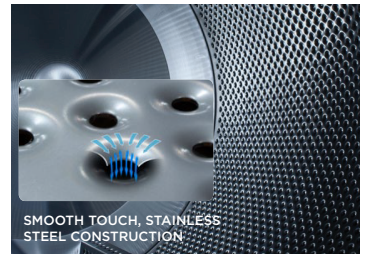
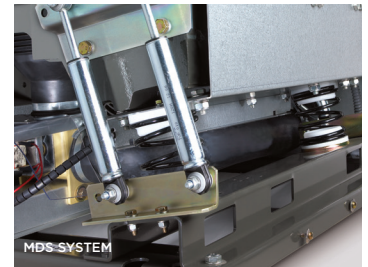
This system of deep-punched holes, without sharp edges, ensures that the linen is treated delicately. SmoothTouch aids the evacuation of water during the final spin, resulting in very low residual moisture levels.

## SUPERIOR WASH QUALITY

E-Series technology allows for superior wash quality using considerably less water than many competitive washers. E-Series Washers are designed without a sump — a water containment area at the base of the washer. This saves up to 3 gallons of water with each fill when compared to machines equipped with an outer tub sump. Less water used equates to lower water-heating costs and reduced chemical usage.

*AquaFall* — Advanced engineering also allows E-Series Washers to conserve even more water via the exclusive AquaFall™ system. With AquaFall, water is released into the load through holes in the drum lifters. As the drum turns, the lifters release water from above for better saturation and rinsing using less water and time. Less water used equates to considerable savings in water usage and water heating costs!

*AquaMixer* — Continental's AquaMixer™ system further improves wash action by mixing hot and cold water to achieve precise bath temperatures — saving energy while minimizing hot water consumption and reducing wash time.



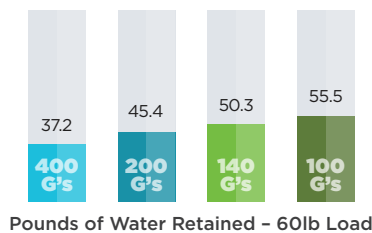
# DELIVER MORE USING LESS

Whether you're replacing or buying new, highly efficient laundry equipment may seem like a big investment up front, but the monetary investment will pay for itself in no time through utility efficiencies and increased staff productivity.

## LESS WATER REMAINING AFTER EXTRACT

The freestanding design of E-Series enables extraction speeds up to 400 G-force. The high-speed extract removes significantly more water from each load — decreasing dry time. With less moisture in the linen upon completion of the wash cycle, the time and utilities required to dry a load are significantly reduced and sometimes eliminated. Linen can then be directly transferred from the washer to a flatwork ironer.

*Assumptions: 100% load saturation; moisture retention: 62% - 400Gs, 76% - 200Gs, 84% - 140Gs, 92% - 100Gs.*



## LESS DRY TIME

Because less water is retained in linen, dry time is reduced and linen is exposed to less mechanical action and heat — reducing linen wear. Dryer operating time is also reduced — extending equipment life and slashing gas consumption.

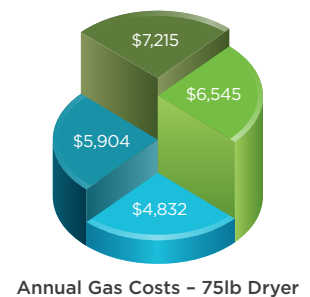
*Assumptions: Water removal rate of 1.2 lbs/minute.*



## LESS DRYER GAS USAGE

Reducing dry time can cut the gas consumed to dry a load by more than 33 percent! In turn, on-premise laundries will significantly decrease associated gas costs.

*Assumptions: 11 loads/day, 2103 BTUs evaporates 1lb of water, \$1.54/therm (U.S. March 2018 National Average)*

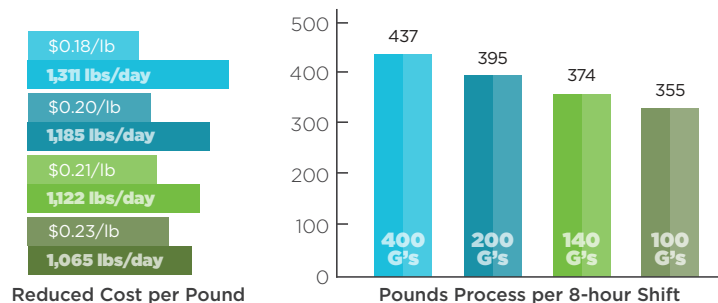


## THE BOTTOM LINE? BOOSTED PRODUCTIVITY!

How can E-Series Washers produce more laundry per hour when compared to lower-performance machines? The answer lies in wash and dry throughput. E-Series Washers reach much higher extraction speeds — resulting in greater moisture removal, shortened dry time and boosted productivity. This boosts productivity, reduces labor costs and extends linen life by minimizing exposure to dryer heat and tumbling.

The two most important factors that impact the day-to-day laundry operation are equipment and labor. On average, labor accounts for 60 percent of the laundry room budget. By installing high-extract washers, one full time employee can process more pounds of soiled laundry per hour — reducing your cost to process laundry per pound.

*Assumptions: 1 FTE at \$10/hour operating 3 60lb washers and 3 75lb dryers 8 hours a day 365 days per year.*



● 400 G's ● 200 G's ● 140 G's ● 100 G's

*Load Assumptions: 60lb 100% cotton soiled load (60lb washer & 75lb dryer; 35 minute wash cycle time. All calculations have been derived from engineering information available to Continental Girbau at the time this brochure was produced. CGI makes no guarantee of actual results as conditions may vary.*



## SAME DAY OPERATION WE'RE DONE. THEY'RE STILL DIGGING!

The freestanding, soft-mount design of E-Series Washer-Extractors remove the variables associated with installation that can potentially cause problems in machine performance. Because there is no need to bolt the machines to the floor, concrete preparation, curing, grouting, hole drilling and foundation anchoring are eliminated. Continental's soft-mount design allows for fast installation. Once the machine is leveled and connected to utilities, it is ready for use! In addition, if your laundry has outgrown its space, or is in need of additional equipment, your soft-mount washer can be moved with zero impact on the existing space.

# INNOVATIVE TECHNOLOGY

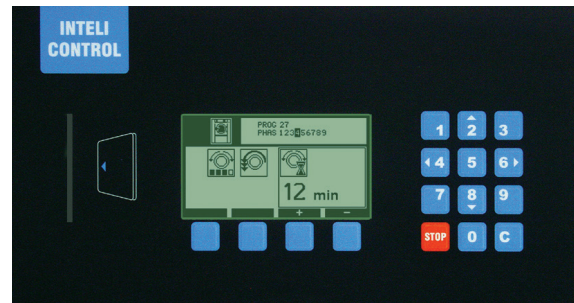
E-Series offers two programmable controls — the Logic and Intelligent. Both offer unrivaled flexibility by allowing programmability of nearly every variable of the wash process. In doing so, E-Series Washers can be programmed to maximize productivity and water savings, while meeting the cleaning specifications of a wide variety of fabric types. Automatic chemical injection ensures items are properly cleaned every time, eliminating fabric damage due to chemical overuse. Despite their advanced technology, the controls are easy to use. Once the programs are set, operators simply select a program number and push start.

## INTELLIGENT (INTELI) CONTROL

Continental's most flexible and dynamic control ever, the Inteli allows complete control of every conditional aspect of the wash process. Featuring an LCD display with easy-to-understand icons that indicate cycle and programming status, the control can be programmed manually or by using a memory card. With 20 preprogrammed cycles and up to 79 individually modifiable cycles, users can control water temperature (by degree), wash rotation speed and duration, five on/off wash rotation combinations, multiple water levels, bath cool-down (by degree) and six programmable extract speeds. The Inteli is so flexible, it can be programmed for a wash cycle of as little as three minutes up to an extended program lasting hours or days. An auxiliary heat option allows bath water temperatures to be increased by degree.

E-Series 30- and 40-pound capacity models feature four standard and 12 optional chemical injection signals with programmable time dosing and flush. The 60- and 80-pound capacity E-Series Washers feature 12 standard chemical injection signals. The Inteli supports independent flush control of its four compartment chemical hopper. Optional overnight soak and delayed start are also standard features.

- 99 programs (20 preprogrammed & 79 modifiable)
- Unlimited number of phases per program
- 6 selectable water levels
- Connection to an external dosing system
- Adjustable dosing signal length
- Simultaneous dosing of two products
- Failure check and alarm messages
- Test program
- Can manually adjust parameters during wash cycle
- Load Sensing - adjusts water and detergent according to load
- Rinse Hold - soak option
- Crease-guard thermal cool down
- Programmable for delayed start
- Individual cycle and program counter
- Gradual cool down



## LOGIC (LOGI) CONTROL

The highly flexible Logi Control, available on EH030, EH040 and EH060 models, offers eight individually modifiable programs — each with up to nine baths including multiple pre-wash, wash and rinse cycles. Variables within each bath — wash temperature, water levels, cycle times, rotation and G-force extract speeds — can be individually programmed for maximum efficiency given the load type. E-Series Washers can also be programmed for automatic chemical injection, which ensures a consistent clean and eliminates chemical overuse and fabric damage.

- 8 modifiable programs
- Up to 9 phases per program
- 4 selectable water levels
- Connection to an external dosing system
- Failure check and alarm messages
- Test program
- Rinse Hold - soak option
- Crease-guard thermal cool down
- Programmable for delayed start
- Gradual cool down



E-Series washers have dual safety features. The washer 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.



An exclusive management and communication system — between the inverter, motor and microprocessor — ensures that the whole assembly is properly balanced for a longer life. GDrive works to save energy while reducing noise, vibration and component fatigue.

# PRODUCT SPECIFICATIONS

	EH030	EH040	EH060	EH070	EH080	
Capacity lbs	30	40	60	70	80	
Cylinder Diameter inch	24.4	27.6	30.5	32.5	32.5	
Cylinder Depth inch	16.4	17.7	20.5	20.9	23.5	
Cylinder Volume cu ft	4.4	6.1	8.4	9.9	11.3	
Net Weight lbs	758	1049	1289	1401	1499	
Crated Weight lbs	820	1091	1338	1484	1583	
Dimensions inch (WxDxH)	31.3 x 34.9 x 52.2	34.2 x 37.9 x 55.3	38.4 x 48.2 x 58.1	41.5 x 52 x 59.1	41.5 x 52 x 59.1	
Door Opening inch	12.9	16.8	16.8	16.8	16.8	
Floor to Door inch	20	20.3	22.9	23.6	23.6	
Shipping Dimensions inch (WxDxH)	32.4 x 37.2 x 58.8	35.3 x 40 x 61.6	39.4 X 49.6 X 64.2	42.3 x 52 x 65.2	42.3 x 52 x 65.2	
Control Options	Logic or Intelligent	Logic or Intelligent	Intelligent	Intelligent	Intelligent	
Washing Speeds rpm	Logic Control Intelligent Control	48 17/23/30/37/44	45 17/23/30/37/44	— 22/27/36/42	— 16/21/26/36/42	— 21/26/36/42
Spin Speeds rpm	Logic Control Intelligent Control	48/100/400/ 600/800/1000	45/100/375/570/750/950 44/100/375/570/750/950	— 42/86/350/550/725/966	— 83/335/530/698/937	— 83/335/530/698/931
G-force	0.8/3.46/56/125/222/346	0.8/3.9/55/127/220/354	0.75/3.2/52/129/224/400	3.17/52/130/225/405	3.17/52/130/225/400	
Static Force Transmitted lbs	902	1237	1528	1790	1850	
Dynamic Force Transmitted lbs	201	212	291	403	412	
Frequency of Dynamic Force Hz	16.7	15.8	16.1	15.5	15.5	
Available Voltages / Wire Conductor / Amp						
Hot Water (standard)	208-240/60/1, 2W+G, 10	208-240/60/1, 2W+G, 10	208-240/60/1, 2W+G, 15 208-240/60/3, 3W+G, 10	208/60/3, 3W+G, 10 240/60/3, 3W+G, 10	208/60/3, 3W+G, 15 240/60/3, 3W+G, 15	
Hot Water	—	—	—	440-480/60/3, 3W+G, 10	440-480/60/3, 3W+G, 10	
Hot Water	—	—	—	208-240/60/3, 3W+G, 60	208-240/60/3, 3W+G, 60	
Electric Auxiliary Heat (optional)	208/60/1, 2W+G, 40	208/60/1, 2W+G, 45	208/60/3, 3W+G, 50	—	—	
Electric Auxiliary Heat (optional)	240/60/1, 2W+G, 50	240/60/1, 2W+G, 60	240/60/3, 3W+G, 60	—	—	
Electric Auxiliary Heat (optional)	208-240/60/3, 3W+G, 40	208/60/3, 2W+G, 40	—	—	—	
Electric Auxiliary Heat (optional)	—	240/60/3, 3W+G, 50	—	—	—	
Steam Auxiliary Heat (optional)	—	240/60/1, 2W+G, 10	208-240/60/1, 2W+G, 15	208/60/3, 3W+G, 10	208/60/3, 3W+G, 15	
Steam Auxiliary Heat (optional)	—	—	208-240/60/3, 3W+G, 10	240/60/3, 3W+G, 10	240/60/3, 3W+G, 15	
Steam Auxiliary Heat (optional)	—	—	—	440-480/60/3, 3W+G, 10	440-480/60/3, 3W+G, 10	
Drain Diameter inch	3	3	3	3	3	
Water Inlets inch	2 @ 3/4	2 @ 3/4	2 @ 3/4	2 @ 3/4	2 @ 3/4	
Recommended Water Pressure PSI	30-60	30-60	30-60	30-60	30-60	
Water Flow gal/min	16	16	16	16	16	
Steam Connection inch	1/2	1/2	1/2	1/2	1/2	
Steam Pressure (optional) PSI	29-87	29-87	29-87	29-87	29-87	
Steam Flow (optional) lbs/h	176	176	176	176	176	
Total Power kW	0.87	1.3	1.88	3.0	4.2	
Electric Heating Power (optional) kW	8.4 / 12.4	10.6 / 15.6	20.3	20.7	20.7	



\* Product specifications and details are subject to change without notice. For the most current and complete technical specifications, architectural line drawings and warranty information, please visit [www.continentalgirbau.com](http://www.continentalgirbau.com). E-Series Washer-Extractors are available in 20- to 255-pound capacities.



# GIRBAU NORTH AMERICA

Girbau North America (formerly Continental Girbau Inc.) is an industry-leading provider of on-premise, vended, commercial and industrial laundry equipment throughout North America. Its commercial laundry products include continuous batch tunnel washing systems, washer-extractors, drying tumblers, feeders, ironers, drywork and flatwork folders, stackers, and associated conveyor systems. Proven performers, these products are engineered for efficiency, productivity, programmability, ease-of-use and durability. They also meet rigorous environmental and safety standards (ISO9001 and ISO14001) and can contribute to LEED® Certification.

Girbau North America is much more than a renowned supplier of vended, commercial and industrial laundry equipment. "Our Mission is Your Success" and that's why we offer a web of support services to our customers, including financing, laundry design and layout, technologically advanced commercial and industrial equipment, a comprehensive parts offering, outstanding customer care, and a professional distributor network. Girbau North America delivers complete support before, during and after the sale.

## GIRBAU GLOBAL LAUNDRY SOLUTIONS

Established in 1995, Girbau North America is the largest of 15 subsidiaries of Girbau Global Laundry Solutions (Girbau), a family owned laundry equipment manufacturer based in Vic, Spain. Employing more than 1,000 team members across the globe, Girbau markets its industrial, commercial and vended laundry products throughout 100 countries worldwide. Girbau's goal is to create added value through straightforward, dependable, efficient and innovative laundry solutions engineered to facilitate customer growth and profit.

Ever focused on environmental sustainability and product innovation, Girbau Global Laundry Solutions strives to provide the industry's best products and customer support.



## LAUNDRY MARKETS

Girbau North America offers the laundry industry's most comprehensive product offering and caters to a wide variety of markets.

### Commercial

Small- to medium-volume commercial and on-premise laundries, including hotels, spas, fire departments and more.

### Vended

Self-service laundries where customers can do their laundry. Many include full-service laundry processing options.

### Industrial

High-volume laundries that most commonly serve the hospitality, linen rental or healthcare industries.

### Textile Care

Garment care professionals that utilize wet cleaning processes.

### Multi-Housing

Residential apartments, retirement communities and dormitories with centralized resident laundries.

## BRANDS, DIVISIONS, SUBSIDIARIES & NETWORKS

Girbau North America brands, divisions and subsidiaries are in place to provide value-added products and services to distributors and customers.



The flagship brand of vended and on-premise commercial laundry products.



An industrial ironer brand for medium- and high-volume laundries.



The industrial laundry product brand for high-volume laundries.



The athletic laundry brand that combines washers and dryers with ozone injection.



The wetcleaning brand marketed to textile care operations.



Distributor that provides local assistance, laundry equipment, parts and support to customers throughout Southern California.



A vended laundry solution available to investors that teams equipment, services and support.



Division that provides financing solutions to Girbau North America customers.



Division that provides marketing and advertising to Girbau North America distributors and customers.



We have a professional distributor network that assist customer before, during an after the sale.

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