



# **The Only Top Load Horizontal-Axis Washer Made in the U.S.A.**



Made in the U.S.A.

Part # 818903



***Staber Industries, Inc.  
Factory Tour***

**Staber Industries, Inc. factory (front view)**



**Staber Industries, Inc. factory (loading docks)**



**Factory showroom**



**View of Inside Plant**



**Laser machine cutting stainless steel**



**Press Brake**



**Press Brake**



**Stainless steel tubs for washer**



**Stainless outer tub getting welded**



**Stainless outer tub getting seam welded**



**Welding Area**





**Stainless outer tubs sitting upside down**



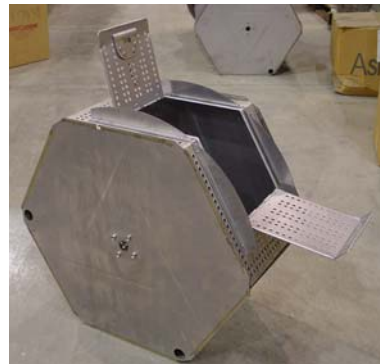
**Stainless inner tubs stacked up**



**Stainless inner tub with doors closed**



**Stainless inner tub with doors open**



**Bases with struts attached**



**Powder Coat Paint Line**



**5-Stage Washing System**



**Vapor Degreaser**



**Cabinets ready to be painted**



**Cabinets after being painted**



**Front panels after being painted**



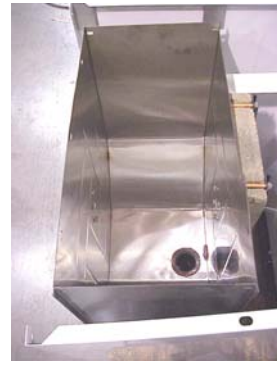
**Tub module upside down**



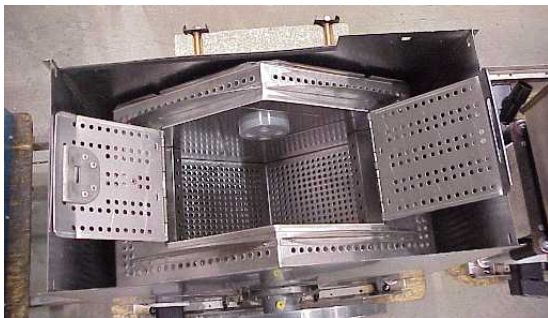
**Assembly line of washers**



**Looking into outer tub from top (side view)**



**View looking down into inner tub showing how the top two doors open outward**



**Gray plastic bezel on top of tubs**





**Circuit board mounted on inside of cabinet**



**Top assembly getting made**



**Washers being built**



**Underside of top assembly**



**Washer before being boxed up**



**Washer boxed up on pallet**



**HXW2304 white washer (leader model)**



**HXW2404 white washer with stainless base**





**HXW2504 stainless steel outer cabinet**



**Special Order Accent Colors: Ocean Blue, Jet Black, Ivy Green, and Ruby Red**



**Looking down into inner tub**



**Adding laundry**



**Adding soap**



**Closing inner tub doors**



**Closing lid incorrectly (inner tub doors are still open)**



**Looking at inner tub doors closed**





***Now Available on the Staber  
Model HXW2404:***

- **Colorful Red & Blue Water Inlet Hoses for Easy Hook-Up to Warm & Cold Faucet**
  - **Hoses Are Conveniently Attached to Machine and Ready for Hook-Up to Faucet**
  - **Saves Time!**
  - **Eliminates improper hook-up**





***Now Available on the Staber  
Model HXW2504 and Accent  
Color Machines:***

- **Extra Durable Engineered Polymer Braid Water Inlet Hoses**
  - **Hoses Are Conveniently Attached to Machine and Ready for Hook-Up to Faucet**
  - **Saves Time!**





***Now Available on the Staber  
Models HXW2404, HXW2504  
and Accent Color Machines:***

- **Sound Deadening Insulation**
  - Reduces decibel level
  - Added to all four sides inside cabinet





## **STABER WASHER ACCENT COLOR OPTIONS**

### **OCEAN BLUE**

**Ride the wave into the future. Afford the sense of calmness and tranquility to your laundry room or kitchen with the addition of this lovely blue Staber washer. You'll look forward to the "washday blues" from now on.**

### **RUBY RED**

**Think out of the box... Step into tomorrow. Make a royal statement by acquiring this exquisite ruby red gem to be cherished for years to come. Your laundry will emerge fit for a King.**

### **IVY GREEN**

**Invite the lush outdoors in by making every washday seem as fresh and as soothing as a summer breeze. Your laundry room decor will become green with ivy; your friends will become green with envy.**

### **JET BLACK**

**Jettison lackluster décor and you'll be flying high with the addition of this first class appliance. The new Jet Black Staber washer will have you in its magic spell.**

### **SILVER (Brushed Stainless Steel)**

**The silver Staber washer is elegant yet practical, offering a lustrous sheen that is pleasing to the eye with performance beyond your wildest expectations.**

### **TRADITIONAL WHITE**




**For the traditionalist, this Staber washer, the color of newly fallen snow, is time-honored yet chic...a wonderful addition to your laundry room. Your whites will sparkle; your colors will glisten.**



Staber Industries, Inc.  
4800 Homer Ohio Lane  
Groveport, OH 43125

Toll Free - 1-800-848-6200  
Phone - 614-836-5995  
Fax - 614-836-9524

E-mail - sales@staber.com  
Web Site - www.staber.com  
Service & Parts - 614-548-0098

Model	Description	Retail
<b>HXW 2304</b>	 <p>This is the standard white model. The color is all white and it has a black powder coat painted steel base. The control panel decal and knobs are white.</p>	<b>\$1,199.00</b> Delivered Price within Continental U.S.
<b>Accent Colors</b> This offers special accent color options for the outer cabinet such as:	 <p>Ivy Green      Jet Black      Ocean Blue      Ruby Red</p>	<b>\$1,699.00</b> Delivered Price within Continental U.S.
Effective February 15, 2005, there is a two year extended parts warranty for these accent color models on top of the one year full warranty (see owner's manual for complete details). Also includes sound deadening insulation and engineered polymer braid inlet hoses.		
<b>HXW 2404</b>	 <p>This features a stainless steel base (the square frame on the bottom the machine is built upon), and the control panel decal has a brushed stainless appearance with black knobs. Effective February 15, 2005, there is a two year extended parts warranty for this model on top of the one year full warranty (see owner's manual for complete details). Also includes sound deadening insulation as well as red and blue colored inlet hoses.</p>	<b>\$1,499.00</b> Delivered Price within Continental U.S.
<b>HXW 2504</b>	 <p>This offers a brushed stainless steel outer cabinet as well as a stainless steel base. The control panel decal has a brushed stainless appearance with black knobs. Effective February 15, 2005, there is a two year extended parts warranty for this model on top of the one year full warranty (see owner's manual for complete details). Also includes sound deadening insulation and engineered polymer braid inlet hoses.</p>	<b>\$1,699.00</b> Delivered Price within Continental U.S.

Note: All models include 18 gauge stainless steel inner and outer tubs.

#### Dimensions

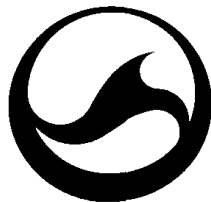
All unit dimensions are 27" wide x 26" deep x 42" tall at the back of the control panel and 55" tall when the lid is raised. Dimensions of box are 30" x 32" x 44" tall. Dimensions of box on pallet for shipping are 31" x 34" x 48" tall.

#### Weight

Unit weight is 175 lbs. each; shipping weight is 240 lbs. each.

This list supersedes all previous price lists. Price and/or terms are subject to change.

6/23/2005



**STABER  
INDUSTRIES, INC.**

[www.staber.com](http://www.staber.com)

4800 Homer Ohio Lane • Groveport, OH 43125 • Phone 614-836-5995 • 800-848-6200 • FAX 614-836-9524

## **NEW FREIGHT PRICING PROGRAM**

TO: STABER DEALERS  
FROM: STABER INDUSTRIES INC.  
DATE: AUGUST 12, 2005  
RE: FREIGHT PRICING PROGRAM FOR STABER WASHER

Due to rising fuel surcharges, effective August 12, 2005, Staber Industries, Inc. will be implementing updated pricing as related to freight for all Staber washers.

- Freight surcharge of \$50 per washer for the following states: WA, OR, CA, ID, NV, MT, WY, UT, CO, AZ, NM, ND, SD

Standard delivery includes curbside delivery via semi truck and trailer within the Continental U.S. As for the past 13 years, customer can remove washer from wooden pallet and manually lower the washer down to the ground from the trailer (washer weighs approximately 200 lbs. in the box). We recommend one or two able-bodied people available for delivery.

- A lift-gate option is available within the Continental U.S. for \$50, which would be a tailgate on the back of the semi trailer that would conveniently lower the washer down to the ground.
- Inside, room specific (within one floor), two-man delivery with removal of packaging debris available in limited areas for \$100

Pricing and options above subject to change without notice. You may call us at 1-800-848-6200 or 614-836-5995 if you have any questions and we will be happy to help.

Thank you for your continued support.



**We chose the ETL Listed mark for our products.**



There are several reasons people buy our products and trust our brand. We continue to build that trust by making decisions during the product cycle that we know will benefit our customers. One of those decisions is choosing the right product testing company and safety certification mark to show compliance to mandatory product safety standards.

We choose the ETL SEMKO division of Intertek and their ETL Listed Mark as proof of compliance with these standards. The mark's recognition, the company's service, and the passed-down benefits to our customers are all factors to this important decision.

**The importance of product safety certification marks:**

Some may not know that there is a host of product safety standards for each market a manufacturer wishes to sell its product. In the U.S. and Canada, these standards are intended to ensure the product successfully passes independent, third-party testing. Only after receiving a passing report and committing to follow up inspections (to ensure the product is produced continuously in the same manner) are we eligible to bear a listed mark.

Bearing a listed mark is the easiest way to tell our customers that our product has met electrical/gas safety standards. When you see these marks, you'll know that the product does not pose a safety hazard to you or those around you during use.

**About Intertek and the ETL Listed Mark**

Intertek is the only independent laboratory that offers the ETL Listed Mark for electrical product safety in the U.S. and Canada. Intertek is a Nationally Recognized Testing Laboratory (NRTL), recognized by the Occupational Safety and Health Administration (OSHA). They are also an SCC-accredited Testing Organization (TO) and Certification Body (CB).

The ETL Listed Mark is recognized by Authorities Having Jurisdiction throughout North America.

**A Reliable Partnership**

Our partnership with Intertek has allowed us to get many new products to you quicker than expected. Intertek can provide testing in up to a third of the time of other testing organizations. This quick and efficient turnaround saves our company costs, and those savings ***are passed along to valued customers like you.***

For more information on our product, contact us at:

Staber Industries, Inc.  
4800 Homer Ohio Lane  
Groveport, OH 43125

Ph: 614-836-5995  
FAX: 614-836-9524  
[info@staber.com](mailto:info@staber.com)  
[www.staber.com](http://www.staber.com)



JANET ADAMS ■ BUSINESS FIRST

**Bill Staber checks over painted washer parts as they go into the dryer at his company, Staber Industries of Groveport.**

## POWER WASHING

*Family-owned firm is Ohio's  
best kept secret in washing machines*

BY M.J. CLARK ■ FOR BUSINESS FIRST

**W**ashing clothes is not fun. Wouldn't it be a bit more exciting if your washing machine was your favorite color and saved you money? And what if the mechanicals were easy to access so you could make repairs yourself?

Staber Industries, of Groveport, says it can deliver a washing machine (about \$1,200) in your

### STABER INDUSTRIES



**Type of business:** Family-owned washing machine manufacturer  
**Location:** 4800 Homer Ohio Lane, Groveport  
**President:** Bill Staber  
**Founded:** 1976  
**2004 revenue:** \$2.5 million  
**Employees:** 35  
**Web site:** www.staber.com

favorite color with the efficiency to save you \$300 to \$500 a year, and that you could fix it yourself.

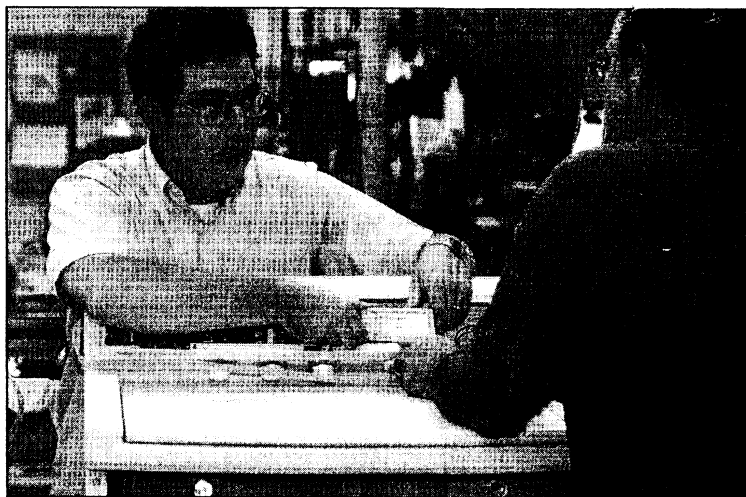
Never heard of Staber washing

machines? That's not a surprise.

"Most sales have been factory direct," said Chad Neal, director of sales and marketing for Staber Industries. "Most sales are to California because of the energy-conscious consumers in California. They seem to look harder for appliances that save energy and water. I would say 99 percent of the people in Groveport or in Ohio don't know we exist. They go to Best Buy."

The family-owned washing machine manufacturing business has been in operation since 1976. It has grown from 12 employees in a 5,000-square-foot manufacturing facility to 35 employees in a 15,000-

SEE **WASHER**, PAGE A18



JANET ADAMS ■ BUSINESS FIRST

Bill Staber, left, discusses washer components with technician Kevin Glasspoole in the factory.

## WASHER: *Company little known locally*

FROM PAGE A17

square-foot facility with revenue in the \$2 million to \$2.5 million range, according to the company.

Even though Staber is a small business, it faces some big business issues.

"Government regulation is a big challenge for us now," Bill said. "We don't have our own environmental staff on board, and yet we are treated no differently than GM or Ford in terms of government relations.

"The biggest one that just came down is on wastewater. I don't know how much we are spending a year now in additional fees and monitoring on wastewater. We didn't have that problem back in the '80s and '90s, but now we do," he said.

### Getting started

James E. Staber, who started Staber Industries, passed away in 2003. The company is run by his two sons and his daughter. Bill Staber is president and manages the manufacturing side of the company and oversees the day-to-day operation at the plant. Jim Staber handles personnel and some purchasing. Their sister, Constance, manages the accounting.

"My father bought the company back in '76," said Bill. "We were just remanufacturing the transmissions from washing machines at that time. That evolved, and in 1981, we began remanufacturing washers and dryers. So we basically went from remanufacturing a component into remanufacturing the whole machine, then into redesigning the whole machine."

In the 1980s, companies had to sell a remanufactured machine for no more than 50 percent of the purchase price of a new machine, he said.

Around this time, the prices of parts were going up, and the cost of a new machine was still steady. Toward the end of the 1980s, the cost to sell a remanufactured washing machine was more than people were willing to pay.

"So we saw that handwriting on the wall that the market would go away," Bill said.

"The machines could not be taken apart any more anyway because the construction had changed. It's one sealed component now, and you have to replace bigger pieces. Things are very disposable nowadays,

### TIPS FOR PURCHASING THE MOST EFFICIENT CLOTHES WASHER

- **Consider the design of the machine.** Most people have top load vertical-axis washers that use an agitator, and the water has to fill the tub to submerge the laundry. These washers use an average of 42 gallons of water per load, and about 12 gallons are heated for a warm wash. Horizontal-axis, or tumble action washers use less water, energy, and soap because the tub is tilted on its side which allows the clothes to be dropped repeatedly into the bottom pool of water. This provides a more effective cleaning action and is very gentle on your fabric because you do not have a harmful agitator rubbing your clothes together generating lint.
- **Learn about the amount of water, energy, and detergent that is required for a full load.** About 90 percent of the energy with a washing machine is used to heat the hot water. Therefore, if you simply reduce your total water consumption you can save a lot of energy.
- **Learn how much total water a clothes washer uses for a full load.** This will give you a good idea of how efficient it is. The less water you use, the less hot water and detergent you will need. If you use fewer resources per load, it costs you less to operate.

Source: Staber Industries

except on our machine," he said.

Over the years, they family realized how they could improve upon the design of a washing machine. In 1990, they designed their own washer and introduced it three years later.

Staber's facility expanded in 1990 to include a paint division that uses a powder paint application process to allow customers to choose the color of their washing machine. They are using the lure of colored washing machines to work with some celebrities to help market the washers.

Staber said they are more focused on a national scope and have not marketed their product much in Central Ohio or around the state.

Neal said Staber's machine may be the only washer in the world that uses a rotating hexagon-shaped inner tub filled with holes and a stationary octagon-shaped outer tub.

"It's like taking a garden hose and squirting water through your fabric to push the dirt out six times every time the tub rolls around," said Neal. "There is a bottom pool of water that your clothes are also being dipped into. Most washers use a vertical tub, so it has to fill to the top to submerge the clothes. It grinds the fabric back and forth and may tear it. That's what lint is. We turn

SEE PLANT, PAGE A19

## PLANT: Firm plans to add line of dryers

FROM PAGE A18

our tub on the side like a front loader and roll the fabric gently down into the water. So that's less wear and tear on fabric, and it generates less lint.

"It's hard to put a price tag on that, but it saves you money because your clothing lasts longer," he said.

### Easy to use

Tom Bee, a residential customer in Alexandria, Va., and a former employee of the U.S. Department of Defense, said he discovered Staber washing machines when he was the deputy director of energy and engineering for the Office of the Secretary of the Defense in the mid-1990s.

Bee was charged with implementing the Energy Policy Act of 1992, and one of the provisions was for the government to acquire water efficient and energy efficient equipment.

"We heard washers were a great opportunity for saving water," he said, "so I talked to some people in the field working on it. One guy at Fort Huachuca said many (washing machines) save water, but Staber's washer was always working at their facility and the others were always down for repairs."

Tom Swift, of Beechwood Appliance Service in Columbus, agrees with Bee and says the washers are well built.

"There are hardly any electronics in it, and the electronics are what causes most of the breakdowns," he said. "They are expensive — the electronics — and these machines that most manufacturers are making and putting out in the field are not going to last very long."

Bee said he was intrigued by the ease of maintenance on the washer.

"The Staber machine has four screws on the front, and the whole front pulls away," he said. "You don't have to tip it over or move it away from the wall. It's all there in front of you. It's all meant for easy maintenance."

Plus, he said, it's a gentler washing machine.

"I think my clothes last longer. I do two loads a day," Bee said. "It saves me \$550 a year, and \$250 of that is in detergent. It saves about \$85 dollars in water per month. I'm not sure about the exact amount of energy savings, but I estimate it's about \$120 a year. Energy and water savings together are about the same amount as the detergent savings. An average family that does about nine loads (of laundry) a week would save about \$350 a year."

And as natural gas prices rise, energy efficiency will become more important, said Bill.

"The cost of fuel is not going to be going down. It may stabilize at some point, but natural gas is just going through the roof right now," he said.

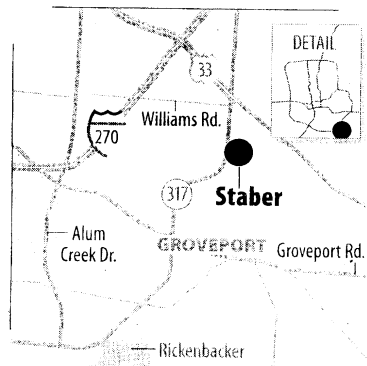
Abilene State School in Texas recently purchased three Staber washers. There are 30 homes within its system, and each home produces 55 loads of laundry per week.

"On one home, it saves 1,650 gallons of water per week," said Tim Reams, machine shop and power house supervisor at the school.

"These machines also use about one-third of the energy compared to a standard upright washing machine. Instead of 3 to 4



Chad Neal, left, and Bill Staber work on custom-designed baskets that are made by Staber Industries.



ounces of soap, you use 15 gallons of water and 1 ounce of soap. Just in soap alone, you can do four times as much laundry," he said.

One important consideration for Reams was the quality of the machine.

"I've been in business 35 years, and this is one of the best made and quality constructed machines of any I've ever seen," said Reams. "It ought to tell you something when you see they have a 25-year warranty stamped on the washer's tub. We're buying (Staber washers) as fast as we can buy them."

### Looking ahead

"As a small business, our main problem has been the marketing and sales, just getting the word out," Bill said. "Originally, we thought we could put out an 800-number and people would call us and we ship them out."

"That just doesn't work on a national level. Our sales are all via the Internet and through some of our niche marketing efforts through dealers," he said.

Bill said he is focused on diversifying the company to boost sales.

"I'd like to get into contract manufacturing and try to do some private labeling for other companies," he said. "We will probably be getting into the dryer business, so we can offer a matching set of colored washers and dryers."



## STABER COMPANY HISTORY

Staber Industries, Inc. is a closely held family corporation incorporated under the laws of the State of Ohio. The James E. Staber Family of Columbus, Ohio, purchased the business in 1976 that specialized in the remanufacturing of transmissions for the washing machine industry. Primary customers were parts distributors throughout the United States. In 1981, the business was expanded to include remanufacturing of entire washers and dryers for the commercial coin operated laundry industry. The component-remanufacturing portion of the business expanded to include seven (7) product lines. During the 1980's the Stabers continued to develop the component business while diversifying into service parts manufacturing, powder paint application, and health club equipment remanufacturing. In 1989 Staber acquired a sizable machine tool operation to strengthen its manufacturing capabilities. Staber Industries is presently located in Groveport, OH, in a new 55,000 sq. ft. manufacturing facility.

### **Laundry Component and Transmission Remanufacturing:**

This was the only area that the company was involved with when purchased in 1976. At that time the only product lines being remanufactured were G.E., Whirlpool, and Speed Queen. Primary customers for these products are independent appliance parts wholesalers throughout the Central and Eastern regions of the U.S. This department also supports the remanufactured transmission requirements of Staber Industries' remanufactured laundry equipment division. Production capacity increased substantially in 1985 with the installation of a 3-stage vapor degreaser and parts washing system. Since that initial year, product lines being remanufactured grew to include Maytag, Norge, Westinghouse and Frigidaire.

In 1988 Staber Industries became the sole source of remanufactured transmissions to the Frigidaire Corporation for warranty repairs and after-warranty service on out-of-production washers. In 1990 Staber Industries likewise became the primary vendor to Montgomery Ward of transmissions for after-warranty service requirements.

### **Laundry Equipment Remanufacturing:**

As an adjunct to its existing transmission remanufacturing business, Staber Industries began to remanufacture entire commercial coin-operated washer and dryers in 1980. The primary customer base for this division is 'route operators'. A secondary, smaller customer base is individual laundromat owners looking to upgrade or replace older equipment. Since 1980, brand name products remanufactured have included G.E., Whirlpool, Speed Queen, and Maytag washer and dryers as well as larger washers from Wascomat and Milnor and larger dryers from Heusch, American, and Cissell. Batches of up to 115 washers and dryers are picked up at the primary account's warehouse and returned to the Staber manufacturing facility where they are totally disassembled, cleaned, painted, re-assembled with the addition of new 100% replacement parts, and finally returned to the customer for re-installation in the field. During the peak remanufacturing years of 1986-88 production averaged 200 machines per week.

### **Powder Paint Application:**

With the installation of new state-of-the-art Nordson powder paint spray equipment and booth in March 2000, Staber has actively solicited and obtained coating jobs from outside sheet metal fabricators and the automotive industry. The Quality Management System of Staber Industries is ISO 9001:2000 compliant for powder coating of components and assemblies for the automotive and related industries.

### **Staber Washer Manufacturing:**

In 1989, after 15 years in the evolving remanufactured laundry equipment business, Staber Industries was in an ideal position to know the weaknesses of the present generation of laundry equipment. Staber Industries has seen a shift in laundry equipment durability that symbolizes planned obsolescence. With an eye to the future of environmental concerns, conservation issues, and maintenance problems, Staber began the development of its own laundry equipment in 1990 and plans to capitalize on European technology to revolutionize the efficiency of everyday laundry products. Currently, Staber is manufacturing and marketing the only top load h-axis washer made in the U.S. This unique product is an advanced, environmentally conscious washer for the commercial and residential markets, both foreign and domestic.



## **Information & Background on the Staber Washer**

### **Introduction**

Staber is the only top load horizontal-axis washer made in the U.S. In other words, it tumbles laundry like a front loader but maintains top loading convenience. We are the only washer in the world that uses a hexagon (six-sided) inner tub that rotates inside a stationary octagonal (eight-sided) outer tub. As the inner tub rotates, water is gently pushed through the holes of the inner tub and through the laundry. The shape between the inner and outer tub is always changing. This creates a passive pumping action, or turbulence in the water to clean more effectively than circular tubs.

### **Who is Staber Industries?**

Beginning in 1976, Staber Industries re-manufactured commercial laundry equipment from Maytag, GE, Whirlpool, and Speed Queen. Based upon this experience, we noticed how we could improve on the design of a clothes washer and we introduced our own design back in 1994. We only make washers and do not want to play the politics of competing head-to-head with the Maytags and Whirlpools. When customers learn our background of re-manufacturing other brands of washers, they are receptive to our product. We are not just a company that designed a washer out-of-the-blue.

### **Target Market**

Besides anyone that pays for their water/sewer, we are looking for customers that have well water, or have families of three or more because of how much money they can save, businesses that use a traditional home style machine frequently (nursing homes, salons, assisted care living facilities, etc.) or customers that use solar power.

### **Savings**

Staber washers can save around 30 gallons of water per load compared to a traditional washer. Staber uses an average of 15 gallons per load as opposed to 40-60 gallons with a traditional top load agitator washer, or an average of 20-26 gallons with a typical front loader.

If a customer pays for their resources, they can save an average of \$0.70 per load compared to a traditional agitator washer. If they have a well, they can save an average of \$0.50 per load (but they have the advantage of using so much less water from their well

and having less water for their septic system). The average family of 3 doing 8 loads per week can save around 11,000 gallons of water per year.

The best measure of a washer's efficiency is to learn the maximum water usage. About 90% of the energy of a washer is used for the hot water; thus if you use less water you use less energy. Also, learn the detergent usage per load. Our Staber washer uses an average of 1 ounce per load (as opposed to 4-8 ounces) because of using less water and because of our patented tub design.

### **Second Price Tag Concept**

When buying a clothes washer, it can be helpful to think of two price tags. The first price tag is the price paid to purchase the appliance. The second price tag is the cost to operate the appliance over its lifetime.

One of the most common reasons we hear from customers as to why they will not buy is that their existing washer is still working. They fail to realize the cost of operating a washing machine; even though their machine is still working, it is costing an average of \$0.70 more to use each load. This really adds up over time. They would be spending less money if they donated their inefficient machine to a charity as a tax write-off, then purchase a Staber washer so that they can go ahead and begin their payback period. If a family of 3 can save around \$300 per year by using a Staber washer, they have a quick payback period. A standard washer never has a payback period; it always costs you more to use.

### **What Would *You* Do?**

You could present the customer with this scenario and see how they respond: If a local bank was offering for a limited-time a CD that costs \$1,199 with an average 25% annual rate of return, what would they do? Everybody that had \$1,199 would be lined up at the bank to make 25% on their money every year. This is essentially what buying a Staber washer would be like.

### **Front Loader Comparisons**

Compared to the typical front loader, we have top loading convenience (and you do not have to consider buying a \$150 stool to raise the machine), we do not have a rubber gasket in the front that could leak water or grow mildew, we have immediate access to the tub while in the wash cycle, we use dual bearings on the front and rear of the tubs (as opposed to just the back), we use stainless steel outer tubs (as opposed to plastic), we use simple mechanical switches on the control panel (as opposed to expensive electronic controls), we have total front access to parts, we do not require authorized service people (which saves on maintenance costs), and ours is made in Groveport, Ohio.

## **Tub Volume Questions**

People frequently ask us about our tub volume, incorrectly assuming that our washer does not hold as much as a traditional washer. Our cubic feet capacity is 2 cubic feet, but it is all usable tub space so you cannot compare that number as apples-to-apples to other washers because they do not use their entire tub volume. For example, in a top load vertical-axis agitator washer, even though it has a larger tub, it has a water level that fills to the top, an agitator in the middle, and it has to have room for the laundry to move back-and-forth. Fifteen to twenty gallons of water per fill takes up a lot more volume than 4-5 gallons of water per fill with our washer. We can wash a thick queen size bed comforter in our Staber washer and that is something you cannot really wash effectively in an agitator washer; it really is difficult to even fit in the tub when you have 15-20 gallons of water in there. We also had a farmer tell us he could wash 22 extra large t-shirts in his Staber washer. Capacity is not an issue with our washer when customers learn how our washer works and when they see how much it can hold.

## **RPM**

Another frequent question is related to spin RPM. Our washer spins at around 700-750 RPM, but can get a 175-200 G-force inside the tub so that the clothes feel the same as when you remove them from a front loader that spins faster. You cannot wring out any more water from the fabric when you get them out of our washer. There is a certain RPM speed you reach where you are not really extracting any more water, but you are just drying by air. We have reached that certain RPM with our Staber washer where we do not need to go any faster. If you cannot wring out any more water from the fabric when it is done, then there is not much more room for improvement. The RPM speed of a washer seems to be just a marketing number nowadays.

## **Dryer**

People also ask about a matching dryer. Nine times out of ten it works when we say “Any white colored dryer will complement our Staber washer.” Basically, a dryer is a dryer. The only thing we can recommend is to find a dryer that has a 7.0 cubic feet drum so you get proper air flow through the clothes to dry effectively and to be able to handle the large loads from our washer.

## **Service**

If required, easy service is one of the benefits of our Staber washer’s design. Our Staber washer was designed to be end user repairable, even if one is not ‘mechanically-inclined’. There is total front access to the parts, no transmission to worry about, and fewer overall moving parts. If a customer has a service question, they call us and tell us the symptom over the phone. We can either help them fix it over the phone or if they need a part we send it via UPS. We do not require authorized service people. We can work with any service company.



## Testimonials

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### Read What People Are Saying About Staber Washers...

"This machine has been the best thing I have ever bought. I have told my mom, neighbor and friends how happy we are with this machine. I think you may have some new customers coming soon! I do not recommend anything unless I am completely happy with the customer service as well as the performance. Staber has done both for us. Your service is the best I have ever seen in any industry and the machine is quieter than my last machine by leaps and bounds!"—Suzette in CA

"We received our new Staber washer about a month ago and LOVE it! We bought it sight unseen based on your ads and testimonials on the Internet and really thought we were taking a terrific chance on a thousand dollar machine, but it is everything we hoped for and performs excellently. We are very pleased that we bought the Staber vs. a Maytag® or Whirlpool® front loader."—Bonnie in MI

"I recently bought a Staber washing machine. Everything you said about this washer has proved to be true. I use less water, less fabric softener, and have hardly used any soap the past two weeks. My clothes are not wrinkled and take a lot less time to dry. They also seem to be a lot whiter and cleaner. We are very pleased so far with this purchase. We will never own another Maytag®! We are also glad that this product is made in the USA! The information we have read that came with the washer seems like it will be very easy to repair ourselves if we need to work on it. The size of the load you can wash with this model is twice as big as the super size capacity washer we used to have. The first impression my brother and I had of the capacity this washer would hold is very deceiving the first time you look at it. We almost left the store after looking in the lid. My brother and I are very pleased with our Staber Washers. Thanks very much!!"—Tom in IA

"My colors look brighter already, my whites are whiter, and I still have a hard time believing it does it on one ounce of detergent and bleach. With my old washer I used at least a cup of soap and bleach on my whites. The washer is so easy to use and my clothes don't feel crowded with a bigger load."—Thelma in AZ

"I've found that I can basically double the amount of clothes I was doing in my old washer. I actually was able to wash my comforters (queen size) one at a time without overloading the washer. I can hang clothes outside and they will be dry in as little as 3 hours. I don't normally respond to a company this way but I think the product is great and the service was very good as well, which is rare in today's business climate. Thanks!"—Bob in MO

"Four weeks ago, we purchased one of your washing machines--and WE ARE VERY PLEASED. My

wife and I wish to express our complete satisfaction with your product. The machine is a wonderful testimony to your design and fabrication skills. We have noticed that it truly gets our clothes cleaner than the top loading Maytag® we owned for years. And it does this with far less soap and water-- a big savings. We are amazed that the wash water that drains is so dirty. I guess the machine is removing years of dirt that the Maytag® left behind. I collect and repair old cars for a hobby and have been impressed with the way it removes the grease and dirt from my coveralls. During nice weather my wife usually hangs clothes on the outside line. But with our old Maytag the lint residue, usually on dark colored clothes, frequently made it a necessity to run them through the electric dryer to remove the lint. Your machine seems to leave very little lint which is a big plus. And it saves the cost of running the electric dryer. Yes, we are pleased and are trying our best to tell all our friends and neighbors about your great product. One very nice benefit is that it is made Ohio, USA, not offshore, ugh! Good Luck -- keep up the good work! And best wishes during this holiday season and in the New Year to all your employees.”—Rich in PA

“I can’t believe how clean my laundry comes out with such little water. I have the discharge hose going to a small bathroom sink with absolutely no possibility of over flowing. I researched washing machines for two months and decided on the Staber due to its simplicity and efficiency. Thanks for designing such a great product.”—Mike in NY

“I actually enjoy doing laundry now. I find I can do twice the size of loads as before. I am impressed by its capacity, its cleaning action, and how much water it extracts during the final spin.”—Heather in MI

“Just wanted to let you know that I am still very pleased with the Staber washer that I purchased in January. Everything is great & I can’t get over how much cleaner our clothes are! Plus, I really have not had to purchase any detergent in months. This in itself is such a cost savings. Please pass on my compliments about what a great product the Staber washer is!”—Diane in NJ

“My wife loves it and the clothes are cleaner than ever. I like the simplicity of the washer, and its quietness.”—Bryan in OH

“I’ve had my Staber washing machine for 15 months, and I am more pleased then ever with everything about it. One of the reasons I was attracted to it was because it is advertised to be “end-user repairable,” with all the mechanical parts easily accessible from the front of the machine. With the solid, quality, straight-forward engineering that goes into these machines, and the long warranty, I wasn’t expecting anything to go wrong. Still, I didn’t want to have to be dependent (and wait or spend money on) on a repair person to fix simple things. Well, about a week ago, it refused to drain or spin after the rinse cycle. I tried to re-set it a couple of times, but it still would not drain or spin. I followed the simple, step-by-step trouble-shooting guide in the manual, and had it fixed in about 15 or 20 minutes total, including time to diagnose and then fix the problem! (And I certainly am not especially mechanical.) Turns out that a small screw that had been left in the pocket of some shorts I had been washing had come out and become lodged in the pump blades, and the machine properly shut itself down from an operation that would have required the pump blades to spin. I have so far been very happy with everything about this machine; it is nice to have a product that DOES come through strongly on all the claims about it by the manufacturer.”—Kristi in VA

“...laundry is looking great. It is a bit hard to accept the 1 oz. of detergent, but we have stuck to the instructions and had ZERO problems. I’ll say my clothes look just as good or better than



ever! No doubt in my mind. We are very satisfied and I cannot tell you how much the water-economy means to us - we are "on the grid" but have our own water system so the water-economy is really what sold me. ALL IS WELL - we love our Staber. Take care - and I will recommend the machine to others! It is just enough different that you need a customer with an open mind or an engaged-conscience but that is their short-coming, not your machine's."—Ken in AR

"Just wanted to let you to know that my wife loves the washing machine we purchased from you. It does everything as advertised. That is a lot of praise, as the machine had a lot of promised claims to live up to."—Mike in PA

"I received my washing machine on Monday. After unwrapping it in the driveway, my son, husband and the truck driver looked it over and when they saw the tub, all agreed that I would be very disappointed. Were they ever wrong! I had been saving dirty clothes in anticipation of its arrival and spent the next two days washing clothes, sheets, towels, and blankets. I even ended up washing my little dog's "bear rug" head and all, and it came out as good as new. Towels that I had been planning to throw away came out so clean and fresh smelling, I couldn't believe it. My husband commented, totally unsolicited by me, that his running clothes and towels had never smelled so clean. The funny thing is that I used only 1 tablespoon of Surf detergent and unscented Bounce in the dryer and had absolutely stuffed the tub just to see what would happen with this smelly load. Needless to say, I love my new toy, and that is what it feels like when I use it. I can hardly wait for the guys to dirty some more clothes! Thanks for proving that American-built really can be the best."—Barbara in NY

"Wanted to let you know that the machine is doing a fine job of cleaning with less water and less soap. The clothes, etc., are softer without so much soap embedded."—Jeanette in AZ

"Just a note to tell you how much better your washing machine is than any other machine I've used. Shortly before ordering your machine I purchased a Calypso® washer and dryer pair, which is pretty much in the same price range as your machine. The Calypso® did not get the clothes clean, ripped and tore some of the clothes and the clothes were very wet when taken from the washer. Needless to say, I returned them. Since I've been using your machine, all my clothes have come out clean even when I wash them in cold water, the clothes are so dry when removed from the washer that it's cut my drying time in half. As an added bonus I've not had any more skin rashes since I've been using your Staber machine and prior to using your washer I was bothered almost constantly by eczema and hives."—Karen in NC

"Did my first load of laundry on Sunday (yes, Easter) and am very impressed. Washed in cold water because my water heater hasn't arrived yet. Could not believe my eyes, how clean and stain-free everything was. Last night washed my 'hack-around' jacket that was badly spotted with oil stains. Pre-treated the stains with ZOUT® and again washed in cold water. It looks like a new jacket. To repeat myself, I love my Staber washer. Thank you for a wonderful product."—Suzanne in NY

"We bought a Staber washer in February and LOVE our new machine. It is everything you said it would be! It really is unbelievable how much water and soap we save. I only wish we had gotten one sooner."—Suzu in CA

"We've been using it for about three weeks now and just love it! It runs so quiet. The clothes come so clean and with hardly any soap. They also dry very quickly. Thank you very much for a quality product....and the best part of all is that it's made in the good ole' U.S.A.!"—Paul in WI

"I know I said if I didn't write, assume all was well - but I have to tell you, this machine is terrific! The drum looked small at first, but a huge amount of clothing disappeared inside without being crowded, and was easy to retrieve. It's actually fairly quiet, and sounds better, and more interesting, than a standard washer - that's an odd thing to write, but there's a difference. When you listen to machinery a lot, some things sound balanced and stable, and some don't, and your washer sounds like a high-quality machine tool. Good instructions, and I like the controls, too - simple, straightforward, easy to clean around. As an engineer by training, I really appreciate the level of engineering design and usability testing that obviously went into this product. I measured electricity consumption on my e-meter, and it was spot on. Thanks again."—Kate in NY

"We've been running several loads a day trying to catch up from not having a machine for more than 2 weeks, and I LOVE IT! It seems that the clothes are getting cleaner than they were with my old washer, too, though I am the only one in my family who notices. :-) At first I was afraid to fill it really full of clothes, but it seems to do just fine if I fill it all the way. It will be interesting to see the difference on our water and electricity bills when we settle down to our typical laundry load."—Helen in CA

"Very pleased with service provided by your staff and the performance of the washing machine. As advertised, your machine uses significantly less water, detergent and spins more water from the clothes, thus decreasing the dryer time. Nice unit!"—Vaughn in ME

"It works great. I was so surprised at how easy it is to load and I can tell a big difference in my clothes. In other words, I love it."—Martha in IN

"I know for sure that we use less water. We have a metered water softener and that usage is way down. Saves on salt, too. Clothes are softer, I think because it rinses better. I don't smell the scented detergent when they are done drying. They dry quicker. Clothes are cleaner with the Staber."—Tim in WI

"I used to own the Staber 2304 model washer until renovations to our home (resulting in a smaller laundry room) made my Staber difficult to fit. We sold our machine and purchased a compact stackable washer-dryer set. The new washer is very poor quality compared to your Staber, even though the new washer is from a reputable company. In my opinion, the Staber is without a doubt the best quality washer in the market. Other machines may have more "bells and whistles" but the Staber is a workhorse, well designed and very reliable. We have six in our family and I do about 10 loads of laundry each week. I never had any real problems with the machine and it did a really good job getting the clothes clean. Needless to say, we are returning the other machines and will likely purchase a new Staber in the future."—Kym in OH

"I decided upon the Staber after purchasing a top-of-the-line Kenmore® washer only 5 years ago. There have been many problems with the Kenmore® and now the bearings on the plastic tub are going out. The cost for parts is over \$400 with me performing the repairs. Upon arrival of the Staber, my wife had to put a comforter into the machine because she couldn't believe it would hold very much. To her surprise it held the Queen size comforter with room to spare. We look forward to using our Staber a long time and it's nice to buy a product American made."—Kenneth in ID

“Our Staber 2304 was delivered today and I am running my 8th load. My husband and I are very impressed. Our 3 teenage sons are amused and glad to have clean laundry again! We took the suggestion to not use detergent on these first loads and are amazed at the soap suds draining out. It is working great! Things are clean and they smell -- like nothing!!”—Marilyn in OH

“I am amazed at how gently our new Staber washer treats our clothes. I have washed silk and rayon articles in the Staber that I would not wash in my old traditional agitator machine, even though that machine had a so-called "gentle" cycle. But my favorite attribute of the Staber washer is its incredible rinsing powers: no more sudsy clothes or linens! I'm loving it! I think it was a semi-crazy thing to buy a \$1,000 appliance based on what I read on the Internet and on your website, but I'm glad I did. I have washcloths that are completely soft for the first time, now that there's no soap residue left in them.”—Nancy in MA

“We purchased the Staber Washer over a year ago; the washer has preformed beyond our expectations, and all claims that were made on the Staber Web Site are true. When the items are removed from the Staber they are almost dry, they spend far less time in the dryer than normal. Could not be happier.”—Gary in KY

“Things are going great with the Staber washer. I can honestly say for the first time that I'm completely happy with something I purchased over the phone. I only have 4 solar panels so this washer is very important for us to save power. Thanks for everything.”—Darrin in AZ

“We just received our Staber washing machine today, 2/18/2005. After getting it into the house we connected it up and let it run through one cycle empty. Wanted to be sure all was working and no leaks. Well, no problems so the real test, got some dirty items and tossed them in. Followed the excellent instructions which came with the unit. Turned it on and what an incredible machine. I was talking to a friend in New Jersey and didn't have to strain my voice or ears to have a conversation. I couldn't hear the unit even upstairs unlike the old unit we retired. What an outstanding machine Staber has made. I did my research, but didn't know what I was really purchasing. My wife and I are so impressed and the folks at Staber were so helpful in answering all my questions prior to making the purchase. I can't wait to tell all my family and friends about the Staber washing machine. This is a very fine unit and does an incredible job. If you're considering purchasing one of these machines, I think you'll be impressed and not regret making the purchase. Made well, made in the USA, and made right!!”—Scott in MD

Send mail to [webmaster@staber.com](mailto:webmaster@staber.com) with questions or comments about this web site.  
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Last modified: 02/28/05

# How Much Does It Really Cost?

	<u>Traditional Agitator Washer</u>	<u>Staber Washer</u>
Initial Retail Price	\$550	\$1,199
Cost to Use First 2 Years*	<u>+ \$980</u>	<u>+ \$360</u>
Price After 2 <sup>nd</sup> Year	\$1,530	<b>\$1,559</b>

A Staber washer would cost you about \$0.70 less per load compared to a traditional agitator washer based on energy, water/sewer, and soap savings. If you have a well, you would save around \$0.50 per load. Keep in mind you would be saving around 30 gallons of water per load, which would significantly reduce the wastewater flow in your septic system.

If you know you will be using your washer for at least two years and be averaging 8 loads per week, it will cost you less money to purchase a Staber washer—a *decision that can provide you with a 25% annual return every year you own the washer.*

**Think about it this way:** If your local bank offered for a limited time a special CD that provided a 25% annual return, would you invest \$1,199? Of course you would!

## Getting More For Your Money: The Second Price Tag

When buying a clothes washer, it can be helpful to think of two price tags. The first price tag is the price paid to purchase the washer. The second price tag is the cost to operate the washer over its lifetime. Based on the above example, if you save an average of around \$300 each year it is obvious which washer would cost you less money.

\* Numbers above are based on average of 8 loads per week with average utility rates and detergent costs compared to a traditional top load agitator washer.



## Take a Look Below at How Much Your Current Washer Costs You to Use and How Much Money You Can Save With a Staber Commercial-Quality Washer

Existing agitator washer	Staber washer	Loads/Day	1.1
<u>Water used per year</u> 17,476 gallons	<u>Water used per year</u> 6,033 gallons	<b>Saves:</b> 11,443 gallons per year	
<u>Total water used per load</u> 42 gallons	<u>Total water used per load</u> 14.5 gallons	<b>Saves:</b> 27.5 total gal. per load	
<u>Hot water used per load*</u> 12 gallons	<u>Hot water used per load</u> 2.5	<b>Saves:</b> 9.5 gallons per load	

*\*Represents 90% of the energy of a washer; figures above based on a 'warm' wash setting. Using a 'hot' wash would be around 20 gallons of hot water with a traditional washer and about 5 gallons of hot water with a Staber.*

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<b><u>Total cost to use per year</u></b> \$490.52	<b><u>Total cost to use per year</u></b> \$181.42	<b>Saves:</b> \$309.10 per year
<u>Energy, water, and sewer cost/year</u> \$290.79	<u>Energy, water, and sewer cost/year</u> \$131.49	<b>Saves:</b> \$159.30 per year
<u>Detergent cost per year</u> \$199.73	<u>Detergent cost per year</u> \$49.93	<b>Saves:</b> \$149.80 per year

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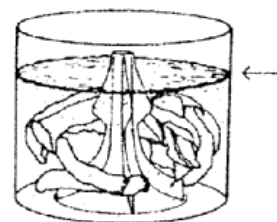
### Utility Rate Variables

Electric	\$0.09 /kWh
Water	\$2.13 /1000 gallons
Sewer	\$3.09 /1000 gallons

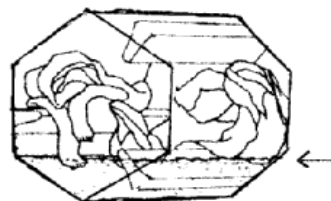
**Loads per day** 1.1

### Detergent

**Cost per ounce** \$0.12



Water Level for Vertical Axis Machine



Water Level for Horizontal Axis Machine

### Cost of Washer

Traditional	Staber
\$550	\$1,199

# STABER INDUSTRIES

## BREAK-EVEN POINT ANALYSIS

YEAR	STABER OPERATING COSTS	STABER ACCRUED SAVINGS	TRADITIONAL OPERATING COSTS
<i>Purchase Cost</i>	\$1,199.00		\$550.00
1	\$1,380.42	(\$339.90)	\$1,040.52
2	\$1,561.85	(\$30.81)	\$1,531.04
3	\$1,743.27	\$278.29	\$2,021.56
4	\$1,924.69	\$587.39	\$2,512.08
5	\$2,106.12	\$896.48	\$3,002.60
6	\$2,287.54	\$1,205.58	\$3,493.12
7	\$2,468.96	\$1,514.68	\$3,983.64
8	\$2,650.39	\$1,823.77	\$4,474.16
9	\$2,831.81	\$2,132.87	\$4,964.68
10	\$3,013.23	\$2,441.96	\$5,455.20
<b>TOTAL</b>	<b>\$3,013.23</b>	<b>\$2,441.96</b>	<b>\$5,455.20</b>

### Utility Rates

Electricity

\$0.09 /KWhr

Water

\$2.13 /1000 gallons

Sewer

\$3.09 /1000 gallons

**Loads per day**

**1.1**

## SAVINGS FROM USING THE STABER WASHER

<b>Total savings</b>	<b>per year</b>	<b>\$309.10</b>
Energy, water, and sewer	savings per <b>load</b>	\$0.38
Energy, water, and sewer	savings per <b>year</b>	\$159.30
Detergent	savings per <b>load</b>	\$0.36
Detergent	savings per <b>year</b>	\$149.80

## COSTS OF USING THE STABER WASHER VS. TRADITIONAL AGITATOR WASHER

Total operating costs	per year	STABER	TRADITIONAL
		<b>\$181.42</b>	<b>\$490.52</b>
Energy, water, and sewer	cost per <b>load</b>	\$0.32	\$0.70
Energy, water, and sewer	cost per <b>year</b>	\$131.49	\$290.79
Detergent	cost per <b>load</b>	\$0.12	\$0.48
Detergent	cost per <b>year</b>	\$49.93	\$199.73

Figures based on using:

-an electric water heater

-average hot water usage

Using a dryer with a moisture sensor will further reduce drying costs by 15%

Add 25-30% increase in laundry life expectancy due to gentle tumbling action



## Product Comparison

### How Does Staber Compare With *Front Load* Washers?

#### STABER

#### FRONT LOAD DESIGNS

Top loading convenience

Loads from front— have to bend over

Uses 1 ounce avg. of regular detergent per load

Uses 2-3 ounces per load

Stainless steel inner and outer tubs

Plastic outer tub

No front water seal-- prevents possible leakage or mildew

Has a rubber boot water seal in the front that could potentially leak or grow mildew

Tubs are supported by two bearings on the back and two bearings on the front for balanced support and better durability

Tubs are supported by one single set of bearings on the back

Total front access to parts

No total front access to parts

Immediate access to the tub while washing in case you forgot a piece of laundry

Does not have immediate access to tub

Commercial-grade washer for the home

Standard domestic residential washer

Tubs are shaped so that they create a passive pumping action in the water to clean more effectively

Standard circular tubs

Simple, mechanical switches on control panel

Complex, expensive electronic buttons

Now you can see how a Staber washer has a superior design compared to a front loader.





STABER

*POINTS*

# FEATURE & BENEFIT CHART

## Features

- Made in the USA
- Patented inner and outer tub design creates unique water pumping action
- Automatic pre-wash, wash, bleach, and softener dispenser
- Simple mechanical knobs on control panel
- Welded stainless steel inner *and* outer tubs
- Heavy-duty 4-strut suspension and automatic out-of-balance detection prevents 'walking'
- Dual bearing support on front and rear of tub for better support
- Safety lid lock
- Total front access to parts
- ABS resin top and lid resists rust and dents
- Self-cleaning pump
- Attached inlet and drain hoses

## Benefits

- Top loading convenience
- Significantly lower life cycle costs
- Reduces utility and detergent costs more than front loaders
- Fewer moving parts means less maintenance
- Longer life expectancy
- Less drying time due to high extraction spin cycle
- Cleans more effectively because of patented geometric cleaning action
- Gentle washing action means less wear-and-tear on fabric
- Less lint (no agitator)
- Larger capacity than the average top load agitator washer due to utilizing the entire tub volume
- Two full rinses leave less soap residue in fabric
- Immediate access to tub during wash cycle for convenience
- Parts still warranted for commercial applications



STABER

*POINTS*

# COMPARISON CHART

## Staber

- 15 gallons of water per load average
- Stainless steel tubs
- Gentle tumble action (generates less lint)
- 1 ounce of detergent average
- Costs ~\$0.44 per load average (soap, energy, water)
- Costs ~\$180 per year to use (avg. 8 loads per week)
- High extraction spin cycle (you cannot wring out anymore water from the laundry)
- Does not use a transmission (no agitator)
- Automatic out-of-balance detection system and heavy-duty four-strut suspension to prevent 'walking'
- Hoses already attached for convenient installation
- Parts warranted for commercial applications
- Made in the USA

## Traditional Agitator Washer

- 45 gallons of water per load average
- Plastic or porcelain tubs
- Harmful agitator action (generates more lint)
- 4-8 ounces of detergent average
- Costs ~\$1.18 per load average (soap, energy, water)
- Costs ~\$490 per year to use (avg. 8 loads per week)
- Lower extraction spin cycle (you can still wring out some water from the laundry when the load is done)
- Uses a transmission which can fail and be expensive to repair
- Machine can go out-of-balance more easily and not be able to correct itself which can cause 'walking'
- Hoses usually not attached which takes more time to install
- Parts not warranted for commercial applications
- May be built outside the USA

**Even though it still may be working, just think about the costs of using your current washer—it all adds up!**



**STABER** *POINTS*

## **STILL RUNNING...**

- **Proving its durability, we have been running a Staber washer continuously 24 hours a day, 7 days a week since December 30<sup>th</sup>, 2004!**





**STABER** *POINTS*

## STEP-UP FEATURE CHART

**HXW2304 HXW2404 HXW2504 Color**

Automatic Pre-Wash, Wash, Bleach, and Softener Dispenser	•	•	•	•
Automatic Extra Rinse	•	•	•	•
Attached Inlet & Drain Hoses	•	•	•	•
Motor Speeds	Variable	Variable	Variable	Variable
Electric Self-Cleaning Water Pump	•	•	•	•
Safety Lid Lock	•	•	•	•
Clothes Basket Opening Size	14" x 7"	14" x 7"	14" x 7"	14" x 7"
Leveling Legs	•	•	•	•
Sound Deadening Insulation		•	•	•
Two Year Extended Parts Warranty		•	•	•
Red and Blue Colored Water Inlet Hoses		•		
Stainless Steel Base Frame		•	•	
Stainless Steel Water Valve Bracket		•	•	
Stainless Steel Front Panel			•	
Stainless Steel Cabinet			•	
Engineered Polymer Braid Water Inlet Hoses			•	•
Accent Colors for Outer Cabinet: Ruby Red, Ocean Blue, Ivy Green, & Jet Black				•



**STABER** *POINTS*

## **STAINLESS STEEL INNER WASH TUB**

- **Staber's patented hexagonal (six-sided) inner tub can be completely filled with laundry**
  - **By utilizing the entire tub volume it can hold up to 50% more laundry than traditional top load agitator washers**
- **The top two sides hook together at the angle and are spring-loaded to open outward**
- **It is simple to load and unload because there is no agitator in the way**
- **At the end of the cycle the tub doors are brought to the top**

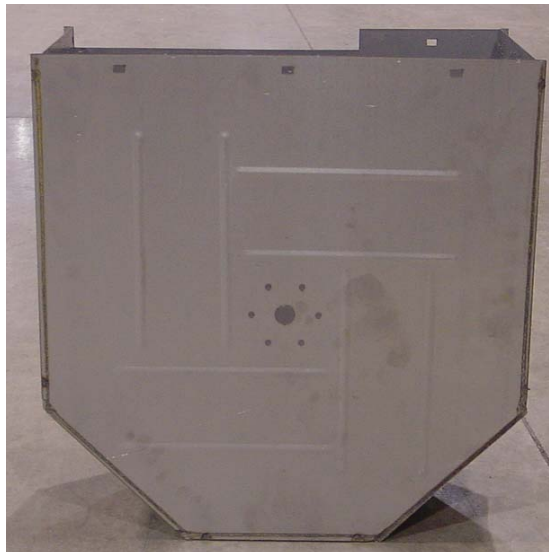




**STABER** *POINTS*

## **STAINLESS STEEL OUTER WASH TUB**

- **Staber's patented octagonal (eight-sided) outer tub is seam-welded and is what holds the water**
- **As opposed to most other washers that use plastic outer tubs, Staber uses rugged 18 gauge stainless steel for better durability**

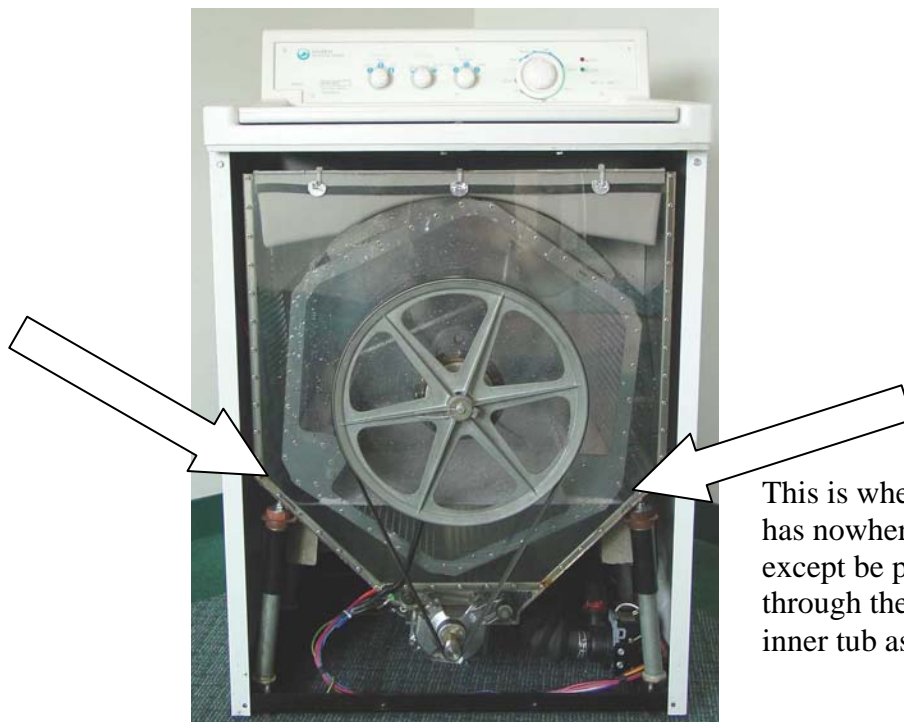




**STABER** *POINTS*

## **HOW THE PATENTED TUB DESIGN WORKS**

- **As the six-sided inner tub rotates inside a stationary half of an eight-sided outer tub, water is pushed through the holes of the inner tub because the shape between the two tubs is always changing.**
  - **This creates a gentle pumping action in the water which can clean more effectively and efficiently than circular tubs.**
- **During the Normal wash cycle the inner tub rotates approximately 13 seconds at 42 RPM, pauses 3 seconds, rotates the other direction approximately 13 seconds at 42 RPM, etc.**



This is where the water has nowhere else to go except be pushed through the holes of the inner tub as it rotates.





**STABER**

***POINTS***

# **WATER EFFICIENCY**



*Did You Know?* Over 90% of the energy of a washing machine is related to how much hot water is needed.

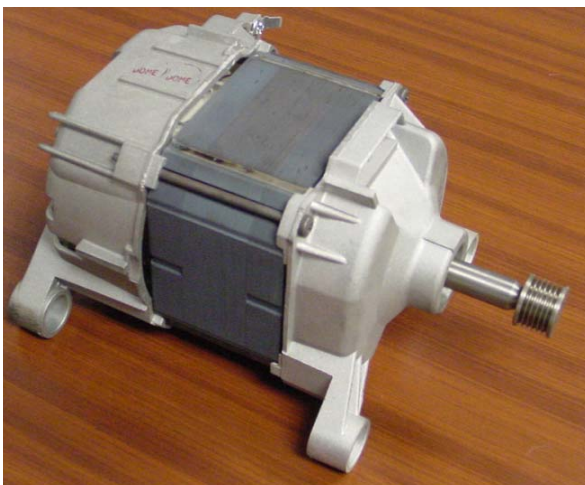
Since you are using less water with a Staber washer, you save on your energy bill because of less hot water to heat.



**STABER** *POINTS*

# **Each Staber Washer Offers a Heavy-Duty Digitally Controlled Universal Motor by Siemens**

- **Energy Efficient Operation:** uses an average of only 5-6 amps while washing and 4-5 amps while spinning
- **When hooked up to a watt-meter a Staber washer uses an average of only 160 watt-hours per load**
  - Think of it as not much more energy used than a 100 watt light bulb for an hour!

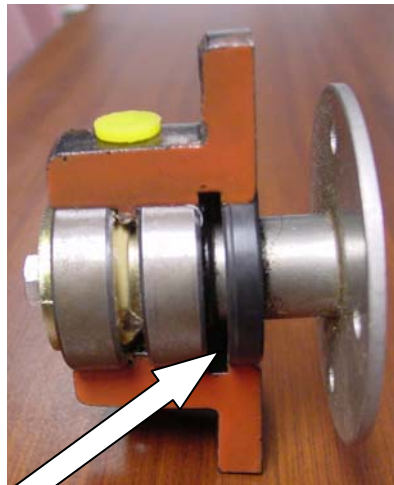




**STABER** *POINTS*

## **HEAVY-DUTY BEARINGS**

- **Staber washers offer durable 6203 2RS ball bearings with a thick shaft diameter of 11/16"**
- **There are two bearings on the front and rear of tub for better support than front loaders**
- **Photo below shows a demonstration bearing set that has been cut in half to show the inside portion**



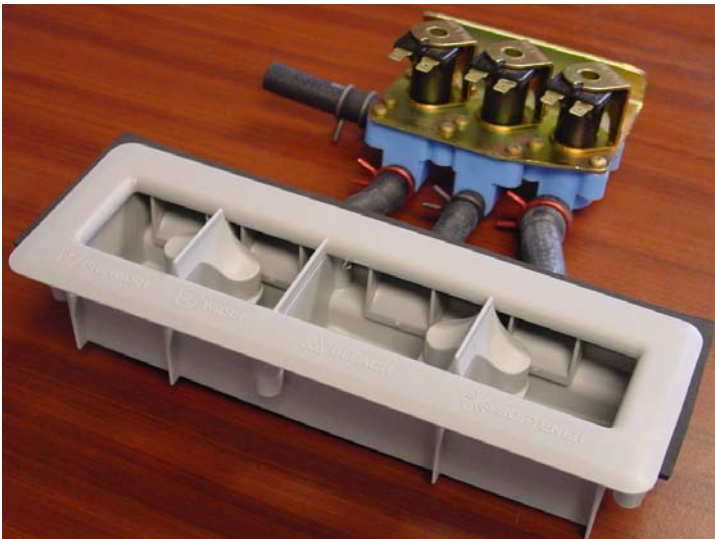
Two lip seals for added protection



**STABER** *POINTS*

## **AUTOMATIC SOAP DISPENSER**

- Staber offers an automatic pre-wash, wash, bleach, and softener dispenser
- Simply pour in correct amount of soap, bleach, or softener into reservoir and it will be dispensed at the appropriate time during the cycle for your convenience
- Bleach is released with 3 minutes remaining in the wash cycle and softener is released during the 2<sup>nd</sup> rinse

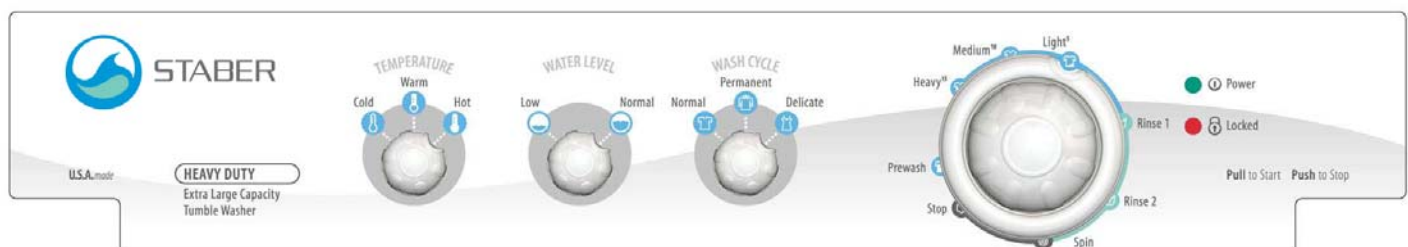




**STABER** *POINTS*

## **SIMPLE CONTROL PANEL**

- **Staber offers the most easy-to-understand control panel**
- **Simple mechanical switches allow you to select:**
  - **Cold, Warm, and Hot for the Wash Temperature**
  - **Low and Normal for the Water Level (there is also a pressure switch that provides the appropriate amount of water based on your load size)**
  - **Normal, Permanent Press, and Delicate for the Wash Cycle settings; this changes the agitation speed, length of time between rotations, and final spin speed**
  - **Large mechanical timer knob offers:**
    - **a 5-minute Prewash (if desired)**
    - **a 15, 10, or 5 minute Wash Cycle**
    - **2 Rinses (cold water for energy saving purposes)**
    - **Final Spin**







**STABER** *POINTS*

## **HEAVY-DUTY 4-STRUT SUSPENSION**

- To help prevent ‘walking’, Staber offers a heavy-duty 4-strut suspension system.
- The spring-loaded struts are mounted on the base of the machine and the tub module is placed on top.

