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As springtime moves toward summer, people are out and about at their homes or on the job doing many tasks that require the use of various types of brooms. Broom, Brush & Mop recently spoke with the top executives of two broom manufacturers who told how their respective companies are doing as the seasonal uptick in business takes hold.

The executives also discussed some of the issues and challenges involved in U.S. broom manufacturing.

Broom corn broom manufacturer Quinn Broom Works, Inc., of Greenup, IL, was founded in 1925. The company’s location in Central Illinois put it in one of the world’s primary regions for broom corn cultivation and manufacturing.

Having survived and prospered following the Great Depression of the 1930s, it was the passage of the North American Free Trade Agreement (NAFTA) some 60 years later that significantly impacted Quinn Broom Works, Inc., as well as the entire U.S. broom corn broom industry.

Because of NAFTA, it became more cost and labor efficient to grow and process broom corn in Mexico. Today, almost all of the broom corn used by U.S. manufacturers is imported from south of the border.

Prior to NAFTA, Quinn Broom Works, Inc., enjoyed some of the highest sales in the company’s long history. Since the passage of NAFTA, the company has operated on a smaller scale.

Today, according to the company’s president, Mark Quinn, it is the only remaining U.S. manufacturer doing business solely in broom corn brooms for domestic distribution, and has been for the past three decades.

“During the past two-plus months, we have seen a little push,” Quinn said. “The increase in business reflects where we see the economy going. It is kind of like people are saying, ‘It is spring, let’s move forward.’ This time of year construction work begins. People are outside sweeping the walk or cleaning the garage. Likewise, the farmer is cleaning his grain bin and contractors are putting on roofs or building houses. People are using brooms and other products to accomplish many of these seasonal activities.”

In recent times, the company has struggled to give employees a full 40-hour workweek. With the recent uptick in business, Quinn has been able to add some new employees and hours have increased.

To illustrate the impact of being able to increase hours, Quinn related the following incident. While he told the story with a touch of humor and irony, the message was a serious one.

“One morning, a while back, I sat down at the table with a group of local people,” he said. “I said we were getting ready to have a corporate meeting where various topics would be discussed. I’m going to have to look up one of the topics — and I’m not a person who looks things up — to see how to spell ‘overtime.’ We have been working some overtime for the first time in a long time. We have not been a shop that has seen a solid 40-hour week for a handful of years.”

The company’s broom corn broom offerings include whisk, toy, lobby, household, warehouse and janitor brooms, as well as its Kitchenette line. The company began manufacturing this patented broom in 1948 for the Joseph Lay Company, of Portland, IN. In 1986, Quinn Broom Works, Inc., acquired all rights for the Kitchenette trademark. Also included in the company’s product lineup are some plastic and nail brooms, which account for less that 1 percent of total sales, according to Quinn.

The company primarily serves the janitorial/sanitation segment, but Quinn Broom Works, Inc., products can also be seen in other markets as well, including hardware and grocery retail outlets. In addition, the company is an OEM manufacturer.

“I have good distributors, and their business has increased, as well,” Quinn said. “They have been, and still are, our bread and butter.”

Before NAFTA caused a significant decrease in the number of U.S. broom makers, there was much more competition domestically, which Quinn said kept companies on their toes.

“It was much better for us to have competition domestically because, truthfully, it kept ‘the wolf at the door,’ so to speak,” he said. “NAFTA really hurt us on the manufacturing side.”

Part of the recent surge in business seems to be a result of some customers seeking American-made products, Quinn said.
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“Maybe it is a reflection of the economy, but there is something in the mix today where we are seeing customers, whether it is a small hardware store or a janitorial house or a church, indicating they want brooms that are made in the United States,” Quinn said.

“Even though a U.S.-made broom might cost a little more, they are willing to pay for a product that works and lasts. This is why we still have our customers, because service and quality have always been our ‘thing,’ and it is the reason we are still here.”

Quinn Broom Works, Inc., seeks customers who are looking for, and appreciate, quality in both products and service, Quinn said. In turn, more and more customers are going to American-made products to satisfy the desire for quality.

“We are seeing accounts coming on and their phone calls and emails are saying, ‘I need brooms made in the USA. I’m tired of dealing with (imports), and I’ve got to get back to what we should be using. Our customers are demanding it.’”

For example, Quinn said one customer, located in a neighboring state, quit doing business with the company because of the high cost of freight. Recently, the customer contacted Quinn Broom Works, Inc., and ordered several dozen brooms. Quinn’s personnel told the customer there had been a price increase since he last placed an order.

“I told our folks to check the price of freight for the order and I would get back to the customer,” Quinn said. “I called him within the hour and he said, ‘Quinn, I know what you are talking about. It is going to cost me more money, but it doesn’t make any difference. My customers told me if I don’t get your broom back in here, I’m going to lose the sale of many other items. When can you ship?’ I said, ‘The order will be going out tomorrow.’ So, what is the message? The message is if the consumer is given the opportunity, he or she will pay the extra dollar to be serviced with quality items.

“We have our niche. The Kitchenette broom remains popular — women just rave about this product. This is why one of our beauty shop customers buys more than nine dozen brooms at a time, and sometimes places multiple orders in a year.

“We have several thousand clients, and I never know on a given day if I will be shipping out a four-pack or shipping out 120 dozen to all regions. Whatever the case, customers react to us, and then we move to meet their needs.”

In discussing the general state of today’s broom corn broom manufacturing industry in the United States, Quinn said it is much more difficult to get a clear picture of exactly where the industry in heading in the short term. This makes it difficult to plan ahead.

He added that part of the problem lies in the lack of communication between different levels of the supply chain.

“People are not communicating logically on what they can do to help and work with each other from raw material preparation to the manufacturer to the distributor, and finally, to the consumer,” Quinn said. “Part of it has to do with what is going on in our society. We have become more of a computer, snap judgement, low-cost effective economy. Plus, we have become a disposable society, where quality and longevity of products often gets overlooked.”

While automation and high-tech machinery work well in the brush manufacturing segment, for example, making corn broom brooms is still a relatively labor intensive task.

“Because the training of a broom maker is different, we are our own strange animal when compared to other stick goods that are manufactured and distributed to the consumer,” Quinn said. “The hand-intensive work involved in making broom corn brooms makes it difficult to get people to do these jobs.

“With the minimum wage issue and other restrictions, we are not playing an apples-to-apples game with our overseas competitors.”

Quinn explained that U.S. manufacturers often operate with far more domestic restrictions and regulations than their overseas competition. Cur-
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rently, China is a force in the broom market as fewer and fewer brooms have been made in both the United States and Mexico over the past couple of decades.

In the manufacture of high quality broom corn brooms, the right raw material is essential. The degrading of the quality of raw materials has been a concern of Quinn’s in recent years. Much of the reason quality raw materials are difficult to acquire has to do with modern society’s penchant for throw-away items and people who buy solely based on price, he said.

Quinn Broom Works, Inc., uses broom corn grown in Mexico, which is the primary source for the raw material for U.S. manufacturers. Pricing and the amount of broom corn expected to be harvested this year is only speculative at this point, Quinn said. There are several locations in Mexico where broom corn is harvested and, typically, there is more than one crop grown. The quality broom corn that Quinn Broom Works, Inc., seeks comes from the Torreon region of Mexico.

“Toward the end of June, moving into July, we will get a better feel for the tonnage and quality of broom corn harvested in Torreon,” Quinn said. Until that time, Quinn explained, there remains a degree of uncertainty caused by several factors, including the weather.

Another factor that causes uncertainty is the difficulty of U.S. companies to get a feel, or focus in, on the big picture concerning Mexican broom corn because of the ongoing drug wars in the country. The violence makes it dangerous for U.S. businessmen to travel to the broom corn growing regions to evaluate the situation first-hand, Quinn said.

“I don’t know what they are going to do about all the violence. It is not safe to visit there, and that makes a big difference to whoever you may be in this buy and sell arrangement. We need more time to fully understand and get a feel of this year’s Torreon harvest.”

Quinn’s father, the late Kenneth Quinn, worked for the company for 67 years. Kenneth Quinn’s parents, Dewey and Frona Quinn, founded the company.

During his career, Kenneth Quinn participated in lobbying efforts to help maintain government protections concerning broom corn broom imports. He was co-founder, with Everette Hatcher Jr. (then of the Chickasaw Broom Company, of Memphis, TN), of the annual National Broom & Mop Meeting. This group played a crucial role in the correction of errors in broom duties when the Harmonized Tariff Schedule was adopted in 1998. It was also involved in lobbying efforts when NAFTA was being negotiated.

Mark Quinn is a past co-chairman of the 2010 National Broom & Mop Meeting.

Another broom manufacturer that has survived, despite the Great Depression of the 1930s, NAFTA and the recent Great Recession, is Newton Broom & Brush Company, of Newton, IL. Indeed, the company celebrated its 100th anniversary in 2014, which was a good year for sales, according to owner Don Leventhal.

“As the season has changed to spring, we have been busier making brooms and brushes,” Leventhal said. “When the weather gets better, people go outside and think about sweeping and cleaning. So far, this year has been down, but we are busy now, and we are hoping to match or surpass last year’s business.”

There is evidence that “reshoring” in the broom, mop and brush segments is gaining momentum, Leventhal said, and it has begun to impact Newton Broom & Brush.
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“When I bought the company 10 years ago, the price difference between brooms and brushes made in China and U.S.-made items was almost double. Since then, labor costs in China have gone up,” he said. “In addition, I believe, inflation in China has impacted both the price and quality of their goods. The quality hasn’t been as consistant.

“Another factor is that U.S. importers must buy container loads of product and wait 90 days or longer for delivery. We can service our customers quickly with quantities they need.”

Newton Broom & Brush’s offerings include broom corn brooms, railroad switch brooms, angle brooms, soft sweep brooms, cobweb and fan dusters, and a complete line of push brooms and floor brushes, as well as bowl brushes, kitchen and scrub brushes.

“The company’s staple set brooms and brushes are typically made from polypropylene, PET and PVC, although we are able to fill brushes with tampico as well as palmyra,” Leventhal said.

Newton Broom & Brush also makes broom corn brooms, both wound and nailed. It sources handles domestically, as well as from Brazil. Brazilian tauari hardwood handles are used in the production of the company’s heavy industrial broom products. Recently, tampico has been very difficult to acquire.

“The tampico situation has improved, but it is still very difficult,” Leventhal said. “A year ago, we waited for five to six months for delivery. The lead time has decreased, but it sure isn’t what it used to be. We use tampico to make certain specialty items, and it is a continuing problem filling those orders. Pricing and availability of most other raw materials have been pretty stable.

“An industry trend in recent times has been consolidation. There are bigger companies and fewer people manufacturing, and that impacts us because there are also fewer suppliers. As a result, we become very dependant on a smaller number of vendors. Many of the big companies are very vertical where they have more control of their raw materials. We are a smaller company that must have good suppliers who can supply us with raw materials with the right price and quality.”

When Leventhal purchased the business, the Chinese had the upper hand, especially in the manufacture of small household brushes. However, Leventhal explained, U.S. companies continued making larger, heavier brooms, which because of transportation costs were more expensive to bring in from China. Leventhal also spoke of another factor that has contributed to the leveling of the playing field between Chinese and United States manufacturers.

“When the Chinese got into the brush industry, they bought new, state-of-the-art equipment. They didn’t start with old equipment,” he said. “Now, 20 years later, they are still using that same equipment. Therefore, if we can update our equipment here, newer technology becomes an advantage. This is one way we need to compete. By using new technology, savings in labor costs can be a significant factor. The rate that new technologies are developed continues to snowball.”

Leventhal used the auto industry as an example of what can happen when new technologies gradually begin to gain acceptance, and how they can have the potential to dramatically alter the business landscape.

“For example, people are starting to take hybrid and electric cars seriously,” Leventhal said.

He explained that, even though hybrid and electric cars are not yet mainstream, enough are being sold so that companies continue to bring out new models with improved technology and performance.

“If there is a market, the next generation of those vehicles is going to be better,” he said.

Leventhal said the same is true for broom and brush makers who are investing in new equipment.

“Manufacturers who are buying equipment now will have an advantage,” he said. “If we can find American workers to operate and maintain the new machinery and technology, we will be OK.

“We are always looking for new technology and it continues to change.
The technology on computer-controlled machines keeps getting better. 3-D printing is interesting, but it requires someone who can create the files and is able to do 3-D programming. It is available and has really lowered costs for prototyping.”

Newton Broom & Brush typically employs about 16 people, adding more as its seasonal business picks up in the warmer months. An aging workforce and the challenges associated with attracting younger workers continues to be a challenge.

“It has been difficult to find the right people to do factory work,” Leventhal said. “Working in a factory requires someone with a strong work ethic — someone who comes to work everyday.”

Leventhal said the company has worked with a community college in the area to help attract younger workers by providing a place for interns to gain some knowledge and experience, while working in a real factory under the guiding hand of veteran broom and brush makers.

“Olney Central College officials, in nearby Olney, IL, were looking for places where they could place interns,” Leventhal said.

The college offers a two-year program that teaches students about hydraulics, electricity, PLCs, and other skills related to manufacturing, construction, etc.

“College officials wanted students to be able to gain practical experience and I said, ‘That is a great idea and we will participate.’ I have been told the college has had no problems in placing students who graduate in good jobs,” Leventhal said. “It is been a challenge for them to find factories in the area who will take interns.

“High schools here used to offer many technical courses that are no longer available. There was a course that most of our employees took when they were in high school that involved building a house. Our employees who took that course have said they learned more from that experience than just about anything else. They were working with skilled people in the trades involved in home building. They went through the entire process of putting in the foundation, putting up the frame, putting on a roof, wiring, heating, etc. They were helpers. They were actually participating in the process.”

Unfortunately, that program no longer exists in the area. Leventhal said the overriding trend in education today is preparing high school students for college. This has a down side, as college is not necessarily the best route to pursue for everyone.

A current hot button issue is the debate over whether or not to raise the minimum wage at both the local and national levels. While Leventhal said he is not worried about the minimum wage being raised, he thinks it is probably not a good idea in the overall scope of things.

“We are in a small town where a family can live at a better standard of living with a wage that a family in Chicago could not survive on,” he said. “If the minimum is raised, it could hurt young people coming out of high school with very few skills, looking for their first job. Higher wages are an incentive for investing in better technology and methods to compete in a world economy.

“Looking ahead, planning for a small business like ours, with the type of work we do, is very difficult. However, business seems to be trending up, and I feel more optimistic now than I was a number of years ago.”

Leventhal and Kevin Monahan, of Monahan Partners, of Arcola, IL, have been named co-chairmen of the National Broom Mop and Brush Meeting scheduled for Nov. 19 and 20 at the Renaissance St. Louis (MO) Airport Hotel.

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Bizzotto Giovanni Automation srl
Via Buonarroti, 67
35010 Paviola di S.Giorgio in Bosco (Padova) ITALY
Phone: +39 049 9451067
Fax: +39 049 9451068
E-Mail: info@bizzottoautomation.com
Web Site: www.bizzottoautomation.com
Products: Bizzotto is a supplier of totally customized machinery for different industrial sectors. It focuses on a complete partnership with the customer, that expresses itself in the capacity to understand the needs of the customer and provide that customer with “made-to-measure” solutions. The Bizzotto Company supplies automatic and semi-automatic machines (totally controlled by programmable logics on PC or on numerical control centers, with man-machine interactive and supervision systems) for the handle, broom and brush industry, as well as complex automations for the assembly of particular products.

Bizzotto is specialized in three main sectors:
Handle Machinery Sector: Sanders, chucking machinery (i.e. doming, tapering, tenoning, threading, end boring, cross boring, etc.), painting machinery (lacquering), labeling systems and packing machinery for the production of wooden handles.

Complete machinery lines for the production of metal handles, starting from the flat steel or aluminum band coil, including painting lines, machines for assembling the various plastic inserts (hanger tips, thread inserts, mop inserts, tapered inserts, etc.), boring, deforming and cutting, as well as labeling systems and machines for packaging with the use of different systems, even robotized;

Woodworking Machinery Sector: Profiling and shaping machines, boring and tapping machines, sanders for the production of broom and brush blocks, paintbrush handles and similar items; and;

Industrial Automation Sector: Customized machinery for the preparation, positioning and assembly of particular products and accessories for the cleaning industry (mops, floor scrubbers, detergent dispensers, velvet lint brushes for clothes cleaning, adhesive lint brushes for clothes cleaning, toothbrush/accessories etc.), automotive industry and the kitchen appliance industry.  15

Bo-Buck Mills, Inc.
P.O. Box 692 - 921 E. Blvd.
Chesterfield, SC 29709 USA
Phone: 843-623-2158
Fax: 843-623-6849
Web Site: www.bobuckmills.com
Products: Narrow fabrics (polyester and cotton). The company was founded in the early 1950s, and has been continuously operating as a manufacturer of narrow fabrics. It has supplied trim/binding to the mop industry as well as other specialty industries for many years. Capable of manufacturing a wide variety of colors, finishes, and patterns. Features include in-stock programs for immediate releases. 11

Bodam International Ltd.
903 Cirelli Court
Aberdeen, MD 21001 USA
Phone: 410-272-9797
Fax: 410-272-0799
E-Mail: bodam@bodam.com
Web Site: www.bodam.com
Company Officer: Carlos Petzold, President
Products: Borghi broom and brush manufacturing equipment – staple-set, anchor-set, twisted-in-wire, manufacturing machinery for all types of brooms and brushes. Also, trimmer, flaggers, cutters, strip brush machinery, mop manufacturing machinery and injection molds are available from Borghi (www.borphi.com);

Boucherie broom and brush manufacturing equipment – staple-set, anchor-set, twisted-in-wire, manufacturing machinery for all types of brooms and
Hahl Pedex is an innovation, quality and service driven producer of synthetic filaments. Our product portfolio includes high quality and innovative products used in the fields of dental care, technical textiles, brushes and brush and abrasive tools, which are made from a wide range of standard and high performance polymers. We operate production sites in Germany and USA and offer first class customer support via a global sales network.

www.hahl-pedex.com
bristles. Also, trimmers, flaggers, cutters, and injection molds are available from Boucherie (www.boucherie.com);

**Carnevali Dino** trimming units – Motorized clipper heads, monofilament hank cutters, metal wire hank cutters, rotary cutters, specialty cutters for abrasive materials such as grit brushes (www.carnevalidino.com);

**Techno Plastic** monofilament extrusion lines – equipment and know-how to produce broom and brush monofilaments for PP, PET, PS, PBT, SAN and many other types of polymers. Techno Plastic also produces lines for manufacturing PET strapping and for concrete reinforcement monofilaments: (www.technoplastic.it);

**Unimac** power brush manufacturing equipment and metal handle manufacturing equipment – Unimac produces machinery and technology used to manufacture twisted knot power brushes, wheel brushes, cup brushes, wafer brushes as well as quality control equipment for power brushes, machinery to convert wire from spools to cut-to-length bundles as well as equipment for crimping wire to be fed into power brush machinery. Unimac also specializes in complete production lines or specific-use machinery to produce fixed metal handles that are either powder coated or plastic coated, as well as equipment for extension handles (telescopic handles). Unimac’s tube-mill can also be used in other applications to produce tubes for other products (www.unimac.it) 15

**Borghi s.p.a.**
Via Cristoforo Colombo, 12
Loc. Cavazzona
Castelfranco Emilia (Modena) 41013 ITALY
**Phone:** +39-059-953-3911
**Fax:** +39-059-953-3999
**E-Mail:** info@borghi.it
**Web Site:** www.borghi.com

**Company Officers:** Paolo Roversi, Sales Manager

Borghi is partners with Boucherie of Belgium forming the Boucherie Borghi Group, (www.boucherie.com)

**Products:** Staple-set/anchor-set brush manufacturing machines of all types; trimmers, flaggers and finishing machinery for brooms and brushes; twisted-in-wire brush manufacturing machinery; strip brush manufacturing machinery; mop manufacturing machinery; injection molds; and, specialty machinery for automation, packaging, etc., of brooms, brushes and mops. Borghi is known as a leader in staple-set and anchor-set brush manufacturing machinery, sometimes referred to in the brush industry as “drilling and filling” machinery. Borghi also has many decades of experience in producing equipment for the production of twisted-in-wire brushes.

Borghi also offers production solutions for mop manufacturing and various types of injection molds. Borghi not only provides the mold itself, but also helps with product design, prototyping and testing the injection molds for plastic parts. Understanding that customers need a continuous renewal of their product lines, and that this takes time between the various phases of engineering and development, Borghi is able to offer a prompt response to these needs. Borghi is a strong partner with the know-how to help customers to develop new ideas for injection molded products, in absolute privacy.

Borghi not only provides technology for brooms and brushes, but with Borghi’s engineering capacity and technical manufacturing strength, requests for automation have been met with the realization of machinery for special types of paintbrushes, paint-roller assembly, and many types of mops.

Furthermore, Borghi has been producing machinery for manufacturing strip brushes since 2004. The company’s strip brush manufacturing machine, model BS30, produces strip brushes at speeds reaching up to 100 feet per minute. Able to work with a variety of raw materials, Borghi’s strip brush machinery gives customers the versatility to produce many sizes and types of strip brushes. The key reason Borghi can offer this type of equipment is due to the company’s design, which makes it easy to run strip brushes and change-over from one product to another, and allows even the novice to produce top quality strip brushes with tight tolerances at very high speeds.

Borghi also goes beyond just providing equipment to produce “the product.” It provides specialty machinery to automate packaging and other requirements that a given product may require before it is completely finished and ready to go into the warehouse or out the door. Borghi’s flexibility in offering custom solutions is what keeps its level of technology fresh and cutting-edge.

Contact Borghi s.p.a. or one of its agents. For machinery sales in the USA and Canada, contact: Bodam International Ltd., 903 Cirelli Court, Aberdeen, MD 21001, USA. Telephone: 410-272-9797; Fax: 410-272-0799; E-mail: bodam@bodam.com; Web site: www.bodam.com; Contact: Carlos Petzold, President. For technical support and spare parts in the USA and Canada, contact: Borghi USA, Inc., 903 Cirelli Court, Aberdeen, MD 21001, USA. Phone: 410-272-9797, Fax: 410-272-0799, E-mail: info@borghiusa.com; Contact: Matt Tompkins or Eric Juarez.

Borghi s.p.a.’s partner companies, Unimac s.r.l. and Techno Plastic s.r.l., are located alongside Borghi, in “The Brush District.” Unimac produces machinery and technology used to manufacture twisted knot power brushes, wheel brushes, cup brushes, wafer brushes as well as quality control equipment for power brushes, machinery to convert wire from spools to cut-to-length bundles as well as equipment for crimping wire to be fed into power brush machinery. Furthermore, Unimac also specializes in complete production lines of specific-use machinery to produce fixed metal handles that are, either: powder coated or plastic coated, as well as equipment for extension handles (telescopic handles). Unimac’s tube-mill can also be used in other applications to produce tubes for other products (www.unimac.it).

Techno Plastic offers equipment and know-how to produce broom and brush monofilaments for PP, PET, PS, PBT, SAN and other types of polymers. Techno Plastic also produces lines for manufacturing PET strapping and for concrete reinforcement monofilaments: (www.technoplastic.it) 15

**Boucherie USA Inc.**
8748 Gleason Rd., Knoxville, TN 37923 USA
**Phone:** 865-247-6091; **Fax:** 865-247-6117
**E-Mail:** sales@boucherie.com
**Web Site:** www.boucherie.com
G.B. Boucherie
Stuivenbergstraat 106
8870 Izegem, Belgium
Phone: ++32 51 31 21 41
Fax: ++32 51 30 54 46
E-Mail: info@boucherie.be

Company Officers: John Williams, President

Boucherie USA Inc., has been selling Boucherie brush machines, sophisticated multi-component injection molds and packaging equipment in North, Central and South America for more than 30 years. In May 2014, G.B. Boucherie and Borghi Spa (www.borghi.com) merged into the Boucherie-Borghi Group. The joint programs of these two companies cover a large scope of brush making, and the sales and service network gives worldwide coverage. In addition to Boucherie USA, Borghi USA and its team support the Boucherie customers for household and technical brush machines.

Boucherie Products: Tufting machines for brooms; household, industrial and personal care brushes, and toothbrushes. Boucherie’s Anchor Free Technology has now been re-engineered to allow for the production of household and industrial brushes without the use of anchors or staples. The filament and block can be of different materials, and triple fiber-boxes for three different fiber colors are available. With two filling heads running continuously at 630 RPM (1,260 tufts per minute), the output is increased. In many indoor broom models, the block requires a mere 50 percent of the weight in polypropylene of a regular brush block. Additionally, there are savings in filament waste since no trimming is needed, and there is no wire. In this world of high energy costs and petroleum based materials, such savings cannot be considered trivial.

The TCU-CNC machines are capable of handling brushes from nailbrushes to 24-inch brooms with special modifications possible to run 36-inch brooms in two operations. The modular concept, which permits a machine to be reconfigured for vastly different brushes, has now been well demonstrated. Moreover, these machines are available from being manually loaded all the way to fully automated production cells, equipped with fully automatic handle feeders and industrial robots.

The TCU-CNC range of machines has been further extended by the introduction of the TCU-T/CNC and the TCA-CNC. The TCU-T/CNC machine, with long stroke filling tools that are lined with a carbide and sturdy carousel with heavy-duty support in the drilling and filling stations, is designed for arduous applications with drill sizes up to 12 mm, and the use of heavy vegetable fibers. The TCA-CNC machine has short-stroke anchor filling tools, and will make smaller brushware like dish brushes at a speed of up to 1400 tufts per minute.

The newest refinements to the TCU line of machines are a faster indexing of the turret, higher speeds and a wider range of automation options. The single-header SCU will handle disk brushes as well as plate brushes, and can be converted to a household brush machine in a matter of minutes.

Toothbrush Production Lines and Work Centers: Boucherie has developed a variety of toothbrush manufacturing equipment. Production machines range from the very affordable TB3-A/CNC, through the TB3-TS and TB3-FS, which are economically priced, full production lines for less demanding applications, to the highly automated and sophisticated TB3-FM and TB3-FM/L. All of these single header machines now run at continuous speeds up to 1,000 tufts per minute.

For the highest production, Boucherie offers the double-headed TB32-Flexi cell, which can make up to 70 brushes per minute when the two filling tools run in parallel, or for complex brushes with two different hole sizes when the filling tools run sequentially. This flexibility is built into the concept of the machine, and can be used effortlessly. Since the introduction of the Flexi concept, TB35-Flexi cells with up to 5 filling tools have been built and delivered for a total output of up to 5000 tufts per minute.

Anchorless Toothbrush Production Lines and Work Centers: In the field of machinery for the oral care industry, with the introduction of the AFT/CNC machine, Boucherie clearly established a leadership position in anchorless technology, but with the new AMR machine, Boucherie is making a giant step to bring anchorless toothbrush production to more
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toothbrush makers.

The AFT/CNC is the first machine for tufting toothbrushes without using anchors. Block tufts, strip tufts and various combinations of tuft angles widen the range of design options for the toothbrush heads. The AFT/CNC features automatic handle feeding, Windows-based CNC controls, and pre-end-rounding of bristles. No trimming is required. AFT technology may now be used to manufacture toothbrushes with tapered filaments. Available too is a less automated version of this machine: the AFT/SD line, in which the handle and bristle infeed are accomplished manually.

The AMR machine also features Boucherie’s in-line pre-end-rounding system, and will make the brushes that are now manufactured on complex anchor-set production cells at a reduced cost, with a higher end-rounding quality, and at least at the same speed.

The AFT-IMT is the world’s first commercially available in-mold technology for the production of toothbrushes, according to Boucherie. Pre-end-rounded filaments are picked and arranged in their final configuration prior to being transferred into a mold where the brush head and handle are overmolded to produce the finished product.

IDM Machine: The IDM is a compact carousel machine for the high-speed production of inter-dental and mascara brushes. It is now possible to produce up to 65 high quality brushes per minute, even while using the smallest wire sizes, since the brush remains in the same clamp throughout the whole production process. The IDM is available in versions with spool feed of the nylon, or with fiber boxes for pre-cut filaments. An integrated vision system for the automatic inspection of finished brushes is also available.

Injection Molds: Boucherie produces single component molds, multi-component molds with manual or automatic transfer, and multi-component, high cavitation, valve gated, hot runner stack molds. Boucherie molds are used to produce a wide range of consumer, medical and engineering products.

Packaging Machines: Form, fill and seal blister packaging machines are available in heat seal and high frequency seal versions for toothbrush and personal care brushes. They may be operated as standalone machines or integrated into one or two tufting machines.

Briarwood Products Co.
2900 Bradwell Avenue
Cleveland, OH 44109 USA
Phone: 216-398-1107
Fax: 216-398-1075
Web Site: www.BriarwoodProducts.com

Products: In addition to an existing line of OEM plastic cleaning tools, Briarwood Products offers CamLock™ Threaded Tips, designed to keep brush and broom handles from loosening or coming unscrewed during use. Handles coming loose from the tool to which they are affixed have been a long time industry problem. Patented CamLock™ Threaded Tips actually make it more difficult to unscrew a handle than to screw it on initially. The CamLock™ Tips can be purchased already assembled onto the handle of choice or sold separately. In either case, the “cam locking” mechanism creates a tight union between the handle and brush, broom or other tool that will not unscrew during normal use.

Brosses Lacasse Inc. / Norman Brush Inc.
107 Authier Street
St-Alphonse-de-Granby, QC J0E 2A0 CANADA
Phone: 800-940-2829
Fax: 877-375-8442
E-Mail: steve@brosseslacasse.com
Web Site: www.brosseslacasse.com

Company Officers: Steve Bernier, President; Jacques Bernier, CFO

Products: For over 50 years, Brosses Lacasse Inc./Norman Brush Inc. has specialized in the manufacturing and refurbishing of custom-made industrial brushes. The company’s customers cover a wide range of industries. Some specialities include cylinder brushes, twisted wire brushes, block and belt brushes, strip brushes, rotary brushes, maple product brushes, spiral wound brushes, and track and switch brooms.

Bruin Plastics Co., Inc.
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Glendale, RI 02826 USA
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Toll Free: 800-556-7764
Fax: 401-568-0019
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217-268-5754

E-Mail: sales@bruinplastics.com
Web Site: www.bruinplastics.com
Products: Since 1964, Bruin Plastics Company has been a producer of industrial textiles. Bruin provides mildew and rot resistant VCM® (vinyl coated mesh) for wet mop head bands in a variety of colors, slitt to a customer’s specific width requirements. 14

Brush Fibers, Inc.
202 North Oak Street
Arcola, IL 61910 USA
Phone: 217-268-3012
Fax: 217-268-3245
E-Mail: chris@brushfibers.com
Company Officers: Chris Monahan, President; Alicia Leal, Customer Service Manager; Jaye Roberts, Controller
Products: Vegetable fibers: Tampico fiber (natural white, black, grey, bleached, patent, union), palmyra fiber, palmyra stalks, bassine, sherbro piassava, sherbro/stalk mixes, rice root, coco fiber and arenga fiber; Wire: Card wire, staple wire–galvanized and copper coated (pay off packs, spools, reels); and bristle (hog hair). Also offered are horse hair, horse hair mixtures, foam and solid plastic brush blocks. Established in 1979, Brush Fibers, Inc. is a supplier of a full range of brush filling materials to brush manufacturers around the world. Brush Fibers offers customers a comprehensive line, serviced from its Arcola warehouse, supported by warehousing facilities in North Carolina and Montreal. 15

Brushes Corp.
5400 Smith Road
Brook Park, OH 44142 USA
Phone: 216-267-9080
Fax: 216-267-9077
Web Site: www.brushescorp.com
Products: Twisted-in-wire brushes of all materials and sizes for industrial, medical, automotive, plumbing, bottle, textile and government. The company supplies both standard and custom engineered brushes and can accommodate any size order. 14

R.E. Caddy & Company, Inc.
P.O. Box 14634
Greensboro, NC 27415 USA
Phone: 336-273-3609 Fax: 336-378-6047
Toll-Free: 800-213-9224
E-Mail: rec@recaddy.com or sales@recaddy.com
Web Site: www.recaddy.com
Company Officers: Richard Caddy, President
Products: Redrawn galvanized brush staple wire, strip brush channel wire, and mop winding wire; tinned broom winding wire; box stitching wire; and flat anchor wire. Also offered: Processed Mexican broom corn and yucca fiber; wood broom, brush, and mop handles; wet mop hardware and handles; polyethylene broom sewing twine; and nails, knives, and other supplies.

R.E. Caddy has broom and brush wire in a variety of packaging to accommodate the customers’ needs: pay off packs, wood reels from 200 through 1,000 pounds, and plastic spools from 10 through 65 pounds. Inventories are maintained for quick turnaround of orders. R.E. Caddy has several reliable sources of processed Mexican broom corn. It also has a full selection of unprocessed broom corn and supplies, such as twines, knives, and nails, for the hand-made craft broom market. Customers visiting www.recaddy.com can complete on-line purchases at the company’s e-commerce store. This service is aimed at craft customers, but can be utilized to buy other materials as well. R.E. Caddy accepts Visa and Mastercard for all purchases. R.E. Caddy & Company’s commitment is to work with customers to match raw material needs and delivery with their production requirements. The company will mark its 57th year in operation during 2015. 15

Canwil Textiles, Inc.
1520 University Dr.
Auburn, GA 30011 USA
Phone: 678-985-5434
Fax: 678-807-2818
E-Mail: sales@canwiltexites.com
Web Site: www.canwiltextiles.com
Company Officers: Nikhil Narwani
Products: Fabrics: 9x9 vinyl mesh, poly knit mesh, nonwovens, polyester twill. All fabrics available for
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2150 Cheswick Ln.
Mt. Pleasant, SC 29466 USA
**Phone:** 888-738-5520
**Fax:** 626-605-8919
**E-Mail:** brian@carolinafilaments.com
**Web Site:** www.carolinafilaments.com
**Company Officers:** Brian Crawford, CEO

**Products:** Synthetic filaments – PS, SAN, PP, PE, PA 6, PA 6.6, PA 6.10, PA 6.12, PET, PBT, and PVC; abrasive filaments – PA 6, PA 6.10, PA 6.12-SiC, Al03, ceramic, and diamond grits; tapered filaments - mechanically and chemically tapered filaments; metal handles – 22mm, 15/16-inch, and 1-inch diameters, plastic coated or powder painted; and blocks and brushes – foamed plastic and wooden blocks as well as finished brushes. 13

**Carolina Mop**
819 Whitehall Road
Anderson, SC 29625 USA
**Phone:** 800-845-9725
**Fax:** 864-225-1917
**E-Mail:** info@carolinamop.com
**Web Site:** www.carolinamop.com

**Products:** Mop buckets, wet floor signs, squeegees, dust pans, and carpet bonnets. Carolina Mop carries a full line of wet mops, dust mops, brooms, brushes, and handles. 05

**Charles E. Green & Son, Inc.**
Mailing —
P.O. Box 8277
Glen Ridge, NJ 07028 USA
Factory —
625 3rd St.
Newark, NJ 07107 USA
**Phone:** 973-485-3630
**Fax:** 973-485-6510
**E-Mail:** sales@charlesegreen.com
**Web Site:** www.charlesegreen.com

**Company Officers:** John V. Green III, President; Rebecca Green Sullivan, Vice President; Caitlin E. Green, Vice President

**Products:** Paintbrush ferrules; paint rollers and components; brush pins, plastic handles, wood handles, deep drawings, metal stamping, wire forming, Milliken Machinery and parts, and warp raschel knitting. 14

**Chief Manufacturing**
P.O. Box 191
301 McIntosh Parkway
Thomaston, GA 30286 USA
**Toll Free:** 800-722-2061
**Fax:** 706-647-2790
**Web Site:** www.chiefmanufacturing.net and www.chiefclean.net

**Products:** Chief Manufacturing has been making industrial mop hardware and janitorial supplies since the 1950s and, until recently, under the name The Woodbury Box Company. 09

**Continental Commercial Products**
305 Rock Industrial Park Drive
Bridgeton, MO 63044 USA
**Phone:** 800-325-1051
**Fax:** 800-327-5492
**E-Mail:** marketing@contico.com
**Web Site:** www.continentalcommercialproducts.com

**Company Officers:** Tim Haefner, Vice President of Sales & Marketing

**Products:** Continental Commercial Products provides janitorial and floor care cleaning products. CCP offers a full line of conventional and microfiber mopping equipment. In addition, it stocks a full line of brooms, brushes, and floor squeegees for any cleaning application and setting. CCP’s variety of wet mops includes premium antimicrobial blends to disposable mops. Earth Mop, Jean Clean mop, and Action Pro mops are examples of Continental’s commitment to using recycled fibers. CCP’s domestic manufacturing facility also produces mop buckets, wringers, receptacles, floor signs, dust pans, and janitorial carts. Custom manufacturing capabilities also available. 15
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Products: Innovative cleaning tools, including trash/utility cans, pails, wringer buckets, dust pans, mop sticks and more.

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255 Conover Street - P.O. Box 310-154
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Fax: 718-237-4257
Web Site: www.deligh.com
Products: Tinmed broom wire; galvanized mop and broom bands; galvanized and stainless steel brush stapling wire; galvanized stainless steel and plastic coated twisting wire; oil tempered and stainless steel scratch brush wire; brass and phosphor bronze brush filling wire; oil tempered, hard drawn and stainless steel power brush wire; wood brush blocks and broom handles.

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E-Mail: rrk@brochasperfect.com.mx
Web Site: www.brochasperfect.com.mx
Company Officers: Jorge Ripstein, President and Director; Rodrigo Ripstein, Executive Director
Products: The company offers tampico fiber, cup brushes, solvents, paintbrushes, end brushes, artist brushes, clothes brushes, paint rollers, shoe brushes, kits and trays, washing brushes, wire brushes, Loosen Up WE-60, paint pads (square brushes), color sprays, circular wire brushes, and painter complementary items.
Perfect has been in business for over 60 years in Mexico. The company first started selling paintbrushes and all sorts of brushes for domestic uses and industrial applications. The company later started distributing tooling for the construction industry, as well as tampico fiber all over the world.
The company now offers lamb’s wool paint rollers, rollers that eliminate bubbles when applying varnish, and abrasive circular wire brushes.

DKSH Switzerland, Ltd.
Wiesenstrasse 8
8034 Zurich, SWITZERLAND
Phone: +41 44 386 7900
Fax: +41 44 386 7911
Web Site: www.dksh.ch
Products: Various types of bristle, fiber and hair for the brush industry. DKSH is a global leader in Market Expansion Services, employing 22,000 specialists in 560 business locations all over the world.
The exclusive North American agent is Brush Fibers, Inc., of Arcola, IL. Contact Ian Moss at jaye@brushfibers.com or call 217-268-5760.

Don Leventhal Group, LLC
1508 West Jourdan St.
Newton, IL 62448 USA
Phone: 618-783-4424
Fax: 618-783-2442
E-Mail: sales@newtonbroom.com
Web Site: www.newtonbroom.com
Company Officers: Don Leventhal
Products: Broom corn brooms, railroad switch brooms, angle brooms, soft sweep brooms, cob web and fan dusters, push brooms and floor brushes, bowl brushes, kitchen and scrub brushes.

Dorden & Co., Inc., aka Dorden Squeegees
7446 Central Avenue - P.O. Box 10247
Detroit, MI 48210-0247 USA
Phone: 313-834-7910
Fax: 313-834-1178
E-Mail: mmfgcoinc@aol.com
Company Officers: Bruce M. Gale
Products: Floor and window squeegees. Commercial, industrial and retail for the OEM and super distributor. “We are your source not your competitor.”

Draper Knitting Company
28 Draper Lane
Canton, MA 02021 USA
Phone: 781-828-0029
Fax: 781-828-3034
E-Mail: kdraper@draperknitting.com
Web Site: www.draperknitting.com
Company Officers: Kristin Draper, President and General Manager
Products: Draper Knitting Co. develops and manufactures quality paint roller materials. It offers a broad spectrum of paint roller cover fabrics from the mainstream economical quality to contractor grade materials for some of the most well-known national suppliers.
With an onsite paint roller lab, full coating/-finishing department, and a custom dye house, Draper can create any blend, pile height, density, color,
ABMA
AMERICAN BRUSH MANUFACTURERS ASSOCIATION

Make the Connection

www.abma.org
and texture that is required. The company has years of experience working with wool blends, recycled and synthetic fibers. Draper Knitting has been a “Made in the USA” family run business for over 160 years, creating fabrics for a variety of technical, sustainable and protective applications. 14

DuPont Filaments - Americas, LLC
Washington Works Plant
8480 DuPont Road, Bldg. 158
Washington, WV 26181 USA
Toll Free: 800-635-9695
Phone: 304-863-4908
Fax: 304-863-2779
Web Site: www.dupont.com/filaments
Company Officers: Thomas G. Vichich, CEO
DuPont Filaments Americas, LLC; Jacie Wu, CEO
DuPont Xingda Filaments
Products: DuPont Filaments provides high quality filaments for brush applications, plus global delivery to ensure the most cost-efficient production in local markets. With manufacturing facilities that span the globe and technical experts in multiple languages, DuPont Filaments meet filament needs worldwide. From FDA-compliant colorful filaments for oral care applications, to long synthetic tapered bristles for paintbrushes and soft “natural-feel” filaments for cosmetics, DuPont Filaments provides a broad range of product development and manufacturing solutions for individual product requirements. 15

Emsco Group
617 Church St. - P.O. Box 151
Girard, PA 16417 USA
Toll Free: 800-458-0839
Fax: 814-774-3463
Web Site: www.emscogroup.com
Products: Residential and commercial grade cleaning aids. Emsco manufactures and distributes mops, brooms, brushes, buckets, accessories and others. Emsco Group has the manufacturing capability to develop and manufacture products in venues including: metal stamping, injection molding, textile conversion, staple setting, wood handle conversion and market specific assembly. Its main manufacturing and distribution facility in Girard, PA, is located centrally for shipping products across the country, or across the globe. 11

Epic Resins
600 Industrial Blvd.
Palmyra, WI 53156 USA
Phone: 262-495-3400
Fax: 262-495-3410
E-Mail: sales@epicresins.com
Web Site: www.epicresins.com
Products: Epic Resins offers paintbrush and paint roller adhesives. These adhesives offer adhesion to natural bristles, nylon, polyester and olefin filaments, as well as vinyl substrates. Epic Resins provides both two component epoxy resin adhesives as well as one component polyurethane moisture cure adhesives to serve the paintbrush and paint roller markets. Epic Resins is a custom formulator of epoxy resin and polyurethane compounds for original equipment manufacturers (OEM). In business since 1958, Epic Resins specializes in custom manufacturing and formulating materials. 11

Evansville Association For The Blind - EAB Industries
500 Second Avenue, P.O. Box 6445
Evansville, IN 47719 USA
Phone: 812-422-1181
Fax: 812-424-3154
E-Mail: eabindustrial@aol.com
Web Site: www.evansvilleblind.org
Products: Deck mops: Cotton and Rayon; mop heads: cotton and rayon. Traditional and custom sizes available. Made 100 percent in the USA. The Evansville Association For The Blind is a non-profit organization incorporated in the state of Indiana, April 13, 1923. The Association serves and employs person with physical and mental disabilities. Manufacturing time available for mop production due to expanded capacity. 14

R.E. CADDY & CO., INC
Supplier of Raw Materials to Manufacture Brooms, Mops, and Brushes

• Galvanized & tinned wire for brush - broom - mop production
• Processed Broom Corn & Yucca
• Wood Broom - Mop - Brush Handles
• Craft Broom Corn And Supplies
• Other Materials - Broom Twine, Broom Nails, Mop Hardware

We ship by pup or truck load direct from Mexico, or LTL/UPS from our Greensboro warehouse.

P.O. Box 14634 • Greensboro, NC 27415
336-273-3609 800-213-9224
Fax: 336-378-6047
E-mail: sales@recaddy.com

F.M. Brush Co., Inc.
70-02 72nd Place
Glendale, NY 11385 USA
Phone: 718-821-5939
Fax: 718-821-2385
E-Mail: info@fmbrush.com
Web Site: www.fmbrush.com
Products: Artist brushes, from professional to student, all levels. Industrial affiliations, marking, stencil, and parts cleaning available. Camel hair to red sable plus a full range of synthetics. Painted and unpainted handles. Assembled in the United States and Thailand. Large quantities for bids at all price ranges. Name brand and private label with quick delivery.

The company was founded in 1929, and has over 80 years experience in creating high-quality brushes that feature both form and function. F.M. Brush offers brush styles in both natural hair and synthetics. It is environmentally sensitive and supports the fight against animal testing. Handles come from managed wood reformed station programs.

Felton, Inc.
7 Burton Drive
Londonderry, NH 03053 USA
Phone: 603-425-0200
Fax: 603-425-0242
Web Site: www.feloninc.com
Company Officers: Mark Godfrey, Chairman; Dan Boehm, President & CEO
Products: Custom brushes and technical assemblies. 11

Fibratexsa
P.O. Box 118
San Pedro Sula, HONDURAS
Web Site: www.fibratexsa.com
Products: Mop making machinery including loop end and deck mop machines, sewing stations, automatic cutters and more. 12

Fili & Forme SRL
Via del Lavoro, 10
41018 San Cesareo sul Panaro (MO) ITALY
Phone: ++39059921462
Fax: ++39059921463
E-Mail: export@filiiforme.com
Web Site: www.filiiforme.com
Products: Product line includes: Monofilaments in PVC that can be produced as UV resistant for long lasting under sun exposure, and antibacterial to reduce and avoid the formation of offensive odors; monofilaments in polypropylene, PS and SAN.

For more than 15 years, Fili & Forme has produced monofilaments for various markets like home, personal care, industrial, technical and sports. It offers a completely automated manufacturing process, with cutting edge technology and machines, quality control, efficiency and competitive prices. 10

Fil Kemp - Industria de Filamentos, S.A.
Rua Francisco Lyon de Castro, 28
Mem Martins 2725-397 PORTUGAL
Phone: 00351 21 922 94 37
Fax: 00351 21 920 76 93
E-Mail: info@filkemp.com
Web Site: www.filkemp.com
Products: Polyamide and polyester monofilaments for fishing and technical applications; abrasive bristles. 14

Fil mop USA, LLC
13410 Hwy 105 West
Conroe, TX 77304 USA
Phone: 936-588-8942
Fax: 936-588-8948
E-Mail: info@filmopusa.com
Web Site: www.filmopusa.com
Products: Designs, manufactures and distributes: buckets; carts - hospital, janitorial and maid; dusters; dusting cloths; dustpans; floor finish applicators; handles - mop, broom, brush and telescopic; microfiber products; mopping equipment; mops - dust and wet; plastic containers; safety products - equipment and signs; squeegees - floor and window; wall washing equipment; waste receptacles; window cleaning accessories; wringers. 11

FIMM Italia S.p.A.
della Repubblica 153
50050 STABBIA (Firenze), ITALY
Phone: +39-0571-956124
Fax: +39-0571-956111
Web Site: www.spinnelli-group.com
Products: Manufacturer of metal broom handles, telescopic handles, extension poles, multipiece handles, mop handles. The history of FIMM ITALIA S.p.A. dates to the 1890s, and is part of the Spinnelli Group, a machinery and molds manufacturer. Companies in Italy, the United States, Mexico and China. 13

Fuller Brush Company
860 Kaiser Road, Suite D
Napa, CA 94558 USA
Phone: 707-266-5500
Fax: 707-255-5935
Web Site: www.fuller.com
Products: Brooms, mops, floor cleaners, carpet sweepers, bathroom cleaners, all house cleaners, kitchen cleaners and scrub brushes, stainless steel cleaners, laundry detergents, stain removers, scented moth block case, home scents, personal scents, spa products, personal care products, premium quality hair brushes, and NuTriSelect. 14

Furgale Industries, Ltd.
324 Lizzie St
Winnipeg, MB R3A OY7 CANADA
Phone: 204-949-4200
Fax: 204-943-3191
E-Mail: jfurgale@broom.com
Web Site: www.broom.com
Company Officers: Jim Furgale
Products: Household and commercial cleaning tools and supplies. OEM manufacturer of brushes, mops and injection molding. 14

G.D.F. di De Franceschi Gabriella & C. sas
Via Mazzini, 27 - Località Bazzano
VALSAMOGGIA BO 40053 ITALY
Phone: +39 051830189
Fax: +39 051830263
E-Mail: gdf@gdflsr.it
Web Site: www.gdflsr.it
Company Officers: Gabriella De Franceschi
Products: Plastic blocks, metal handles for brooms, telescopic handles, plastic buckets, cleaning tools, synthetic monofilaments. 15

Garelick Mfg. Co.
644 Second Street - P.O. Box 8
St. Paul Park, MN 55071 USA
Phone: 651-459-9795
Fax: 651-459-8269
E-Mail: mail@garelick.com
Web Site: www.garelick.com
Company Officers: Ken Garelick, President; Rick Garelick, Senior Vice President
Products: Telescopic extension poles 6, 8, 12, 18 and 24-foot lengths. Garelick Mfg. Co. began in 1952. Metal fabrication is performed at two locations: St. Paul Park, MN, and Largo, FL. It offers lightweight anodized aluminum, twist lock cans that allow handles to be locked at any length, rolled tube edges, universal size screw adapter, five standard sizes. 15

Gift Sales Co.
P.O. Box 17082
Wichita, KS 67217 USA
Phone: 316-267-0671
Fax: 316-267-2930
E-Mail: gscjansplymfr@juno.com
Web Site: www.giftsalescompany.net
Products: Urinal screens, urinal blocks, plastic dust pans, toilet bowl mops, wall blocks, enzyme blocks, toilet bowl caddies, absorbents, bowl blocks in plastic cage, and the company’s metal dust pan (one-piece construction, 20 gauge metal, 12-inch edge, powder coating, reinforced handle.) 10

Golden Star Inc.
6445 Metcalf Ave.
Overland Park, KS 66202 USA
Toll Free: 800-821-2792
Phone: 816-645-9031
Fax: 800-487-4079
Email: goldenstar@goldenstar.com
Website: www.goldenstar.com
Company Officers: Steven Lewis, Earl Julo
Products: Brooms, wet mops, dust mops, hardware, accessories and microfiber. 14
Gordon Brush Mfg. Co., Inc.
6247 Randolph St.
Commerce, CA  90040 USA
**Phone:** 323-724-7777  
**Fax:** 323-724-1111  
[Web Site](http://www.gordonbrush.com)

**Company Officers:** Kenneth L. Rakasin, President and CEO

**Products:** Gordon Brush Mfg. Co., Inc. is an ISO 9001:2008 certified manufacturer of specialty, custom and standard brushes for industrial and consumer purposes. The company makes the Foot-Mate® System as well as over 15,000 other medical, industrial, janitorial, and electronic brushes at its 51,000 square foot manufacturing facility in Commerce, CA. It stocks over 2,000 different brushes for same day shipment selling to a variety of industries including medical, electronics, manufacturing, military, aerospace, and pharmaceutical. Gordon Brush has been featured on the Ion Network, Discovery Channel, Bloomberg News and in the Los Angeles Times. 14

E. Gornell & Sons, Inc.
2241 N. Knox Avenue
Chicago, IL 60639 USA
**Phone:** 773-489-2330  
**Fax:** 773-489-1102  
[**E-Mail**](mailto:sales@gornellbrush.com)
[**Web Site**](http://www.gornellbrush.com)

**Products:** E. Gornell built its reputation as a custom designer and manufacturer of quality brushes for industry and maintenance. Gornell is a supplier of scratch, platers and welder brushes, staple set on the latest CNC-controlled machinery. It offers custom-design and manufactures staple set and wire-drawn brushes for industry, using all types of wire, synthetic and natural fill materials. E. Gornell & Sons, Inc., was founded in 1892 by Edward Gornell. It continues to grow, producing brushes with the latest state-of-the-art CNC machinery. Gornell will imprint and private label brushes for the brush industry, CAD/CAM design available. Special packaging is offered to meet specific requirements. 13

Govor, Horowitz & Blunt Ltd.
15 Belgrave Square
London SW1X 8PS UNITED KINGDOM
**Phone:** +4420 7838-7000  
**Fax:** +4420 7235-1943  
[**E-Mail**](mailto:sales@ghb.co.uk)
[**Web Site**](http://www.ghb.co.uk)

**Products:** PVC/PPN/PET/PBT monofilaments; coco fiber; bassine/palmyra fiber; brush wire. 14

GSC Manufacturing, Inc.
510 Merritt Avenue
Nashville, TN 37203 USA
**Phone:** 615-248-6556  
**Fax:** 615-248-6558  
[**E-Mail**](mailto:info@gscmanufacturing.com)
[**Web Site**](http://www.gscmanufacturing.com)

**Products:** Manufacturer of premium wet mops available in cut-end, loop-end, finish mops and T-bar construction. The company offers a full line of launderable and disposable dust mops and frames. It assembles handles for both wet and dust mops. All mops are available in a variety of natural and synthetic yarns to meet every customer’s special needs. Natural and plastic brooms, push brooms and industrial brushes complete a full janitorial and commercial line of cleaning products.

GSC Manufacturing was incorporated in 2000 to become an industry leader in the production and development of cleaning products. It offers OEM programs, private labeling, custom packs and short lead times from receipt of order to delivery. 14

Gunn Brush Co., Inc.
948 Church Street
Baldwin, NY 11510 USA
**Toll Free:** 800-834-6035  
**Fax:** 516-771-7019  
[**E-Mail**](mailto:gunnbrush@aol.com)
[**Web Site**](http://www.gunnbrush.com)

**Products:** All types/styles and sizes of floor-machine rotary brushes and pad holder assemblies. Custom work, as well as custom diamond drivers made to specifications. Large inventory allows same day shipping on most orders. 04

H. Arnold Wood Turning, Inc.
220 White Plains Rd., Suite 245
Tarrytown, NY 10591 USA
**Phone:** 914-381-0801  
**Fax:** 914-381-0804  
[**E-Mail**](mailto:staff@arnoldwood.com)
[**Web Site**](http://www.arnoldwood.com)

**Company Officers:** Jonathan Arnold, Bruce Arnold

**Products:** Dowels, handles, mouldings, turnings, dimensions, brush blocks, strips, CNC routed and shaped parts. 14

Ha-Ste Manufacturing, Inc.
P.O. Box 168
Union City, NJ 07390 USA
**Phone:** 800-228-6677 (MOPS) or, 973-968-4858  
**Fax:** 973-968-4524  
[**E-Mail**](mailto:service@hastemops.com)
[**Web Site**](http://www.hastemops.com)

**Products:** Manufacturer of quality (Made in the USA) mopping products. Specializing in janitorial and industrial hard floor care. Quality product line of wet mops, dust mops, microfiber products, hardware and no-lint monofilament finish mops. Includes custom factory and private labeling as well as construction modifications to suit customers’ needs. 14

Hahl-Pedex has three manufacturing locations: Hahl-Pedex in Lexington, SC; Hahl-Pedex in Munderkingen, Germany; and Hahl-Pedex in Alf-foltach, Germany. 14

Haviland Corporation
200 S. Hwy. U - P.O. Box 769
Linn, MO 65051 USA
**Phone:** 573-897-3672  
**Fax:** 573-897-4497  
[**E-Mail**](mailto:squeegees@havilandcorp.com)
[**Web Site**](http://www.havilandcorp.com)

**Products:** Haviland manufactures floor and window squeegees; waterbrooms; replacement blades for sweeper scrubbers and paving tools in the United States. Over 90 percent of the raw materials Haviland Corporation uses to manufacture products are derived from the USA. Haviland manufactures the largest selection of floor squeegees in North America including non-marking, neoprene, FDA approved, double foam, antimicrobial and numerous others, according to the company. Haviland Corporation’s selection of floor squeegees also includes variations in blades such as flat edge, multi edge, double, serrated (notched), and beveled. 12

Hayco Manufacturing Ltd.
3002, Citicorp Centre, 18 Whitfield Road, Causeway Bay, Hong Kong CHINA
**Phone:** +852-2168-9200  
**Fax:** +852-2834-8018  
[**E-Mail**](mailto:info@hayco.com)
[**Web Site**](http://www.hayco.com)

**Products:** Household brushes, brooms, mops, dusters, squeegees, automotive cleaning, window cleaning, extension poles, floor sweepers, industrial brushes and squeegees, power toothbrushes, facial brushes, water filtration, liquid delivery systems. 14

Hill Brush Company, Ltd.
811 Rolyne Ave.
Baltimore, MD 21237 USA
**Phone:** 410-325-7000
**Fax:** 410-325-6477  
[**E-Mail**](mailto:info@hillbrush.com)
[**Web Site**](http://www.hillbrush.com)

**Company Officers:** Peter Coward, Vice President; Jim Sokaitis, National Sales Manager

**Products:** Wooden brooms, paintbrushes, brushware, dustpans and brushes, mops, hygienic...
Get The Right Connection

MOP & BROOM TIPS, EXTENSIONS AND ADAPTORS BY... DECO

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Deco Products Company
506 Sanford Street
Decorah, Iowa 52101

Visit Our Web Site At: www.decoprod.com
email / jraptes@decoprod.com

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• Engineering Services

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1-563-382-4264
Fax: 1-563-382-9845

Our Facility is 9001 : 2000
Registered Keeping Deco A Leader In The Field

For: Wood, Fiberglass & Metal Handles
tools, Resin-Set DRS® brushware, anti-microbial brushware and hygienic tools, metal and x-ray detectable brushware and hygienic tools. 15

HIMESA Hilos Y Mechas S.A. de C.V.  
P.O. Box 118  
San Pedro Sula HONDURAS  
Phone (USA): 954-323-8692  
Fax: ++504-2558-8141  
Fax: ++504-2558-8142  
E-Mail: himesa@himesa.com  
Web Site: www.himesa.com  
Company Officers: Robert Handal  
Products: HIMESA is a Latin American textile producer. Its textiles spin a wide array of cotton, rayon blends, Acrylex®, synthetics, antimicrobial yarns, 100 percent recycled, etc. The various styles that HIMESA uses for spinning yarns are ring, open end/friction and core spun. These different methods enable HIMESA to produce an array of titles, colors and form options. HIMESA also produces various types of mops (loop end, cut end, deckmops, dustmops and disposables). It also offers an assortment of custom mops such as lay flat style, double tailbanded mops, wire/connectors, mops, quik on, etc. All these mops are custom designed to customers’ specs, such as for retail, industrial, foodservice, healthcare, janitorial, etc.  
The company also offers complete thread, twine, sewing threads, industrial threads, agricultural threads/twines and more. Its facilities include complete weaving operations for a variety of products like canvas, sheeting, tarpaulins, towels, cleaning and grill cloths, diapers, mop tape, etc. HIMESA has ventured into plastics with success in making a variety of products for the industry. 15

Hoge Lumber Co.  
701 S. Main Street - P.O. Box 159  
New Knoxville, OH 45871 USA  
Phone: 419-753-2263 Fax: 419-753-2611  
E-Mail: info@hoge.com  
Web Site: www.hoge.com  
Products: Building materials, commercial casework and millwork, and hardwood brush blocks/broom backs - floor, garage, street, scrub, deck, shaped, etc.  
Made of North American hardwoods, much of which is bandsawn and dried in Hoge’s sawmill and kilns. In the rough mill, lumber is gang ripped using an infeed scanner to help maximize the yield. Optimizing cut off saws gets the highest value and quality from the ripped strips, and an automated sorting system reduces labor time before the blanks are stacked. Production capabilities include planing, moulding, chucking, drilling, threading, shaping, hot foil stamping, and finishing. 14

Hongkong Alljoy Industry Company Limited  
Taicang Alljoy Industry & Trading Co., Ltd.  
East Xinyuan Rd., Nanjiang District,  
Chengxiang Town, Taicang 215400 CHINA  
Phone: +86-512-82708518  
Fax: +86-512-82708585  
E-Mail: sales@all-joy.cn  
Web Site: www.all-joy.cn  
Products: Brush filaments using only virgin resin. This includes PET/PBT filament, PP filament, PA filament (polyamide/nylon), abrasive filament, PE filament (polyethylene), and Chongking boiled bristles. 14

Industrial Brush Corporation  
763 E. Commerce Dr.  
St. George, UT 84790 USA  
Phone: 435-673-7500  
Fax: 435-628-2175  
E-Mail: ibcsales@industrialbrush.com  
Web Site: www.industrialbrush.com  
Products: Custom designs and prototypes. Designs and manufactures thousands of different brushes to satisfy a wide variety of industrial and food processing applications. Also offered are standard and custom design staple set, metal channel strip and other brush constructions including straight and formed strip, coil, cylinder cup, inside and outside disc, twisted-in-wire, wire scratch, wheel cup and stem brushes, acid, paint and artist brushes.  
All types of fill materials are provided including synthetic, natural, hair and wire. Common applications include brushes for washing, drying, waxing, polishing, peeling and harvesting various fruits and vegetables. Other applications include scrubbing and deburring printed circuit boards; washing silicon chips; finishing and deburring metal; sanding, de-nibbling, staining and dusting wood products; glass and mirror washing; egg washing; static elimination; trommel cleaning; conveyor cleaning; mold cleaning and vehicle washing. Products are marketed throughout North America, Western Europe and Asia. 09

Jieda (Cixi Jieda Nanometer Compound Materials Co., Ltd.)  
Kandun Industrial Zone,  
Cixi City, Zhejiang Province, CHINA  
Phone: 86-574-2363 9669 or 86-574-2363 9608  
Fax: 86-574-2363 9690  
E-Mail: jiedaglobal@cn-jieda.com  
Web Site: www.global-jieda.com  
Products: Filaments for toothbrushes, tapered filaments, abrasive filaments and industrial filaments. 13

Jinxing Bristles Industrial Co., Ltd.  
18029 Zhongtian Plaza  
766 Wuyi Avenue, Changsha  
Hunan 410005, P.R. CHINA  
Phone: 86-731-82226555/82220262  
Fax: 86-731-84452564  
Mobile: +86-13507319833  
E-Mail: dxu18@hotmail.com  
Products: Natural bristles. 14

Jones Companies, Ltd.  
312 South 14th Ave.  - P.O. Box 367  
Humboldt, TN 38343 USA  
Phone: (Customer Service) 800-238-8334 (Sales) 877-849-2767 (Office) 731-784-2832  
Fax: (Customer Service Order) 800-235-9276 (Office) 731-784-7131  
E-Mail: inforequest@jonesyarn.com  
Web Site: www.jonesyarn.com  
Company Officers: Ralph Jones III, Exective Chairman; Richard Ayers, CEO/CFO; Andrew Dailey, Vice President Sales & Marketing  
Products: Jones Companies, Ltd. produces the largest variety of yarns available from a single source specifically engineered to meet the performance requirements of the floor care industry. Jones yarns range in size from Ne 0.55 to Ne 2.75 and include 100 percent cotton yarns, cotton/synthetic blend yarns, rayon
You don't have to settle for stock items at Mill-Rose.

If you require a special or unique brush, we'll design it for you and make it from any material the job calls for. We've custom-designed brushes for thousands of applications. But chances are, there's a stock solution to your brushing requirements that will save you time and money. Mill-Rose offers over 10,000 standard and not-so-standard sizes and shapes of brushes. We've been making brushes since 1919. Millions of them! So whether you need stock or custom brushes, call, fax or visit our web site at www.millrose.com.
blend yarns, polyester blend and recycled fiber blend yarns. In addition to the floor care yarns, Jones offers a complete line of tailband tape, headband mesh and sewing thread. Trade-marked yarns include RF-Yarns™ Recycled Fiber yarns; Enviro-Color™ Yarns; AM-Yarn™ anti-microbial; and nWET™ nonwoven edge trim yarn alternative.

The expanded NEXT GENERATION product line includes microfiber mops; microfiber towels; microfiber carpet bonnets; synthetic carpet bonnets; and cotton carpet bonnets. In addition to supplying quality products, services include product testing, customer exclusive product development, sales training and market intelligence. The Jones E-Commerce link is a password protected web portal on which customers can enter orders, update orders, review purchase histories and update account information.

Established in 1936 by W.R. Jones, Sr. and W.F. Jones, Sr., Jones Companies, Ltd. is a third generation closely held business located in West Tennessee. Since its beginnings, Jones has grown from a one room operation to a five plant facility separately housed in a half million square feet of production and warehouse space. Jones manufactures a wide range of coarse count yarns predominantly made from recycled milk waste. Jones is one of the largest spinners of coarse count yarns made specifically for the floor care industry. In 1981, Jones expanded into structured nonwovens, operating as Jones Fiber Products. Today JFP operates four production facilities.

As a market leader, Jones is the only yarn spinning supplier that supports all of the floor care industry's associations including the ABMA - American Brush Manufacturers Association; NBMA - National Broom & Mop Manufacturers Association; and the ISSA - International Sanitary Supply Association with direct representation and active involvement. Jones actively participated in the development of ASTM-certified industry standards for broom and mops.

**K.R. Plastic Industries Co., Ltd.**

**Marketing Head Office:**
1F No. 728 Chung Hwa Rd.
Ho Mu Village
Chung Pu, Chia Yi, Taiwan

**Phone:** 886-5-2393687
**Fax:** 886-5-2396968
**E-Mail:** raihsing@ms17.hinet.net
**Web Site:** www.raihsing.com

**Factory:** 96 M.8 Laonadee Road T. Muangkao, Amphur MuangKhn Kaen, Thailand 40000
**Phone:** 66-43-324602-3, 325017-9
**Fax:** 66-43-324604
**E-Mail:** sales@kr-plastic.com
**Web Site:** www.kr-plastic.com

**Products:** Level Monofilament: hollow/solid; Profiles: round, cross, triangle, hexagon, star...etc. Other profiles as requested.

Krex Taper Filament: pinex, trialoy, triex, man-made bristle such as squirrel, boar, badger, goat, Kolinsky, mongoose, weasel, etc.

**Material:** PA6 / 66 / 610 / 612, PBT, PET, PP, TFP, PS, ABS, Vicrlex peek, copolymers, nodular, indicator, anti-static, anti-bacteria. Applications: toothbrush, hair brush, household and broom, industry brush, paintbrush, cosmetic and artist brush, etc., and other special brushes. 10

**Keytose Plastics Inc.**
3451 South Clinton Avenue
South Plainfield, NJ 07080 USA
**Phone:** 908-561-1300
**Fax:** 908-561-5189
**Web Site:** www.keystonesweepersbrushes.com

**Products:** Extruded polypropylene filaments (custom color match) will meet exact specifications. Call Keystone for specific brush application at 1-800-635-1300. 06

**La Crosse Brush, Inc.**
3235 George Street
La Crosse, WI 54603 USA
**Phone:** 888-683-7491 **Fax:** 608-783-5539
**Web Site:** www.lacrossesbrush.com

**Products:** Quality brooms and brushes since 1926. Serving the janitorial, construction, industrial, food processing and dairy industries. Some products include: floor brooms, scrubs, street brooms, truck wash brushes, tank brushes and various color-coded items. Also, La Crosse is a distributor of Harold Moore, a manufacturer of plastic items for the food industry. 12

**LaFitte Mop Co., Inc.**
P.O. Box 577
Villa Rica, GA 30180 USA
**Phone:** 770-459-5966
**Fax:** 770-459-1116
**E-Mail:** lmc@lafittemop.com
**Web Site:** www.lafittemop.com

**Company Officers:** John LaFitte, President; Cathy LaFitte, Secretary

**Products:** Looped-end and cut-end mopheads, dust mops, stick mops - made in USA. Additional products: brooms, brushes, handles and microfiber products. Green environmental dust mops and mopheads also provided. 14

**Laitner Brush Company**
1561 Laitner Drive
 Traverse City, MI 49686 USA
**Phone:** 231-929-3300
**Fax:** 231-929-7219
**E-Mail:** sales@laitner.com
**Web Site:** www.laitner.com

**Products:** Brooms, brushes and squeegees. 09

**Lambskin Specialties**
250 Dufferin Avenue
Winnipeg, MB R2W 5J1 CANADA

**Phone:** 800-665-0202
**Fax:** 204-582-5598
**Web Site:** www.lambskin.com

**Products:** Supplier in the duster category: dust wand wool and feather dusters; synthetic and microfiber dusters; high dusting and floor dusting. Also, floor finish applicators, window care accessories, automotive care accessories. The company can also help design and manufacture exclusive products. 08

**LaCrosse Specialty Wire Products, Inc.**
7 John Road
Sutton, MA 01590 USA
**Phone:** 508-865-1500
**Fax:** 508-865-5960
**Web Site:** www.lacrossecable.com

**Products:** Manufacturer of high quality stainless steel wire for the power brush industry. Wire includes pin cramped, gear cramped, or straight in multiple strands, hanks, coils, cut to lengths, or bobbin form. 09

**LC Industries, Inc.**
4500 Emperor Blvd.
Durham, NC 27703 USA
**Phone:** 919-596-8277
**Fax:** 919-598-1179
**Web Site:** www.buylci.com

**Products:** Brooms, sponge mops, deck mops, refills, plastic cutlery, file folders, mattresses, and paper conversion including napkins, plates, c fold towels. 14

**Leistner Werzeug GMBH**
Auerbacher Str. 15
Stuetzengruen 08328 GERMANY
**Phone:** +49-37462-288150
**Fax:** +49-37462-288159
**E-Mail:** info@leistner-gmbh.de
**Web Site:** www.leistner-gmbh.de

**Products:** High performance drill bits for the brush making industry. Leistner drills are engineered and manufactured as customized CNC cutting tools for processing steel, plastic and wooden materials. 14

**Le mieux Spinning Mill, Inc.**
125 Route 108 Est., C.P. 2039
St. Ephrem, Beauce QC
**Phone:** 418-484-2169
**Fax:** 418-484-5561
**E-Mail:** sergei@lemieuxspinning.com
**Web Site:** www.lemieuxspinning.com

**Company Officers:** Serge Lemieux, President; Marc Lemieux, General Manager

**Products:** Rayon blend white and colored mop yarn, Price-Wise economy synthetic white and colored mop yarn, dust control synthetic white and colored dust mop yarn. Rayon blend mop yarn treated with UltraFresh (antibacterial), cotton blend mop yarn, and exclusive and custom mop yarn. New Greentex mop yarn is an environmentally...
friendly blend of recycled PET and post-consumer fiber.

Lemieux Spinning Mill’s history dates to 1906 when J.A. Lemieux founded his business on first-rate service and top quality products. In 1945, Clément Lemieux took over the business from his father, carrying on a tradition of well-known expertise. Since 1986, Jean-Paul Lemieux and his sons, Marc and Serge, have made the company a world-class manufacturer. At Lemieux, father and sons have always passed on the same philosophy of personalized service. With well-established experience, Lemieux’s vision is constantly focused on the future. No matter what the specific requirements or needs are, Lemieux Spinning Mills, Inc., has the team and resources to meet them. 15

Lessmann GmbH
Lucas-Schultes-Str. 2
Oettingen 86732 GERMANY
Phone: 0049 9082 707 0
Fax: 0049 9082 707 78
E-Mail: info@lessmann.com
Web Site: www.lessmann.com
Products: Brushes made in Germany: technical brushes, industrial brushes, wire brushes, wheel brushes, bevel brushes, hand brushes, interior brushes, knotted brushes, brushes with Shank, end brushes, disc brushes and others. 14

Libman Company, The
220 N. Sheldon Street
Arcola, IL 61910 USA
Phone: 217-268-4200
Toll-Free: 800-646-6262
Fax: 217-268-4168
E-Mail: info@libmanpro.com
Web Site: www.libmanpro.com
Products: Complete line of brooms, brushes, wet and dust mops, specialty mops and related equipment such as dust pans and buckets. Virtually all products are manufactured in the USA for all commercial/industrial needs. 10

Lighthouse for the Blind in New Orleans, Inc. (DBA Lighthouse Louisiana)
123 State St.
New Orleans, LA 70118 USA
Phone: 504-899-4501
Fax: 504-899-5351
E-Mail: sales@lib.org
Web Site: www.lighthouselouisiana.org
Products: 60-inch biodegradable deck swab; bathroom, kitchen, household, and cookware scrubbers. 14

Line Mfg. Inc.
P.O. Box 6505
Walcott, CT 06716 USA
Phone: 203-879-1481
Fax: 203-879-1530
Web Site: www.linemfg.com
Products: Broom caps for both wooden and tubular handles; ferrules for the kitchen and garden tool industry; threaded shells for the broom and mop industry; and all other deep drawn metal shells, stamping or ferrules for the above-mentioned industries.

Line Manufacturing, Inc., has the skills, experience and specialized machinery to produce precision custom, high-volume component parts from ferrous and non-ferrous metals to precise specifications. It can provide virtually any contour, shape and finish, adding distinction and individuality to products and designs. The company will produce them accurately, at a fair price, and deliver them where and when needed. 05

Lola Products
343 South River St.
Hackensack, NJ 07601 USA
Phone: 201-343-1243
Fax: 201-489-6477
E-Mail: info@lolaproducts.com
Web Site: www.lolaproducts.com
Products: Floor wipes, mops, brooms, brushes, sponges, scourers, clothespins, lint traps, mop buckets, clothes/dish clothes, gloves, dust pans, squeegees, dusters and flyswatters. 14

Magnolia Brush Mfrs., Ltd.
P.O. Box 932, 1001 N. Cedar St.
Clarksville, TN 37324 USA
Phone: 903-427-2261
Fax: 903-427-5230
E-Mail: sales@magnoliabrush.com
Web Site: www.magnoliabrush.com
Company Officers: Ken Backus, President; Scott Adams, Director of Operations; Gary Townes, Director of Purchasing; Glenn Guyette, National Sales Manager
Products: Floor brushes, garage brushes, street brooms, scrub brushes, concrete finishing brushes, janitorial items, detail brushes, counter dusters, vehicle wash brushes, masonry brushes, paintbrushes, utility brushes, floor squeegees, wax applicators, window brushes, corn brooms, hot dipped galvanized pails and tubs, variety of handles and wire scratch brushes. 15

Malish Corporation, The
4260 Haman Parkway
Willoughby, OH 44094 USA
Phone: 440-951-5356
Fax: 440-951-0293
E-Mail: info@malish.com
Web Site: www.malish.com
Company Officers: Terry J. Malish, Chairman; Jeffrey J. Malish, President & CEO; Fred Lombardi, Vice President of Sales & Marketing
Products: Leading manufacturer of commercial and industrial floor machine brushes, including a full range of rotary brushes, foodservice/color-coded brushes, as well as janitorial brushes. Most recently, the company introduced the DiamabrushbyMalish Floor Preparation System that features products for concrete prep and polishing as well as products for wood and mastic removal. 13

Marion Brush Mfg. Co.
1685 7th Ave.
Marion, IA 52302 USA
Toll Free: 800-930-9062
Fax: 319-377-3208
E-Mail: gary@marionbrush.com
Web Site: www.marionbrush.com
Products: Concrete finishing brushes and equipment; concrete finishing brushes in widths of 4, 6 and 8 feet. 14

Paul Marsh LLC
654 Madison Ave., Suite #1405
New York, NY 10065 USA
Phone: 212-759-9060
Fax: 212-319-6214
E-Mail: marsh.llc@verizon.net
Web Site: www.paulmarshllcworldwide.com
Products: China bristles, horse hair, fine hair, synthetic tapered filaments (all colors), mixtures for paintbrushes (synthetic filaments and natural bristles), machinery new and reconditioned, parts and service, paint roller winding, cutting and finishing machines, roller frames, paint roller fabrics, phenolic paper, adhesives, covers, extension poles, handles, ferrules, brush pins, epoxy resins, etc.

Founded in 1959 by Paul S. Marsh, the firm has grown steadily. Paul Marsh LLC is an international supplier to the brush and broom trade, serving manufacturers in over 40 countries. Diversified departments within the company now supply manufacturing and trading concerns in a wide range of industries. 14

M-B Companies, Inc.
1615 Wisconsin Ave. / P.O. Box 200
New Holstein, WI 54915 USA
Phone: 800-558-5800
Fax: 920-898-4588
E-Mail: sales@m-bco.com
Web Site: www.m-bco.com
Products: Tube brooms, gutter brooms, runway wafers, strip brooms, poly wafers, wire wafers, polymwafers. Brushes for all makes and models of attachment brooms, runway snow removal equipment, and street sweepers. 12

MBK Maschinenbau GmbH
Friedrich-List-Str. 19
88353 Kisslegg
Bad.-Wuertt. GERMANY
Phone: 0049-7563-25 66
Fax: 0049-7563-25 66
E-Mail: web-site@mbk-kisslegg.de
Products: Machines for the production of paint rollers made of foam – Drilling machine MBO, drill grinding machine, gluing machine MKL also available with Corona, splitting machine MSP, ejecting machine MAS, round off machine MAR,
frame bending automat BBM, automated assembly machine for roller cores KMA, foam gluing machine MKP, roller supply RZ, supply hopper BF, pea-hole burning machine ERB.

**Machines for the production of paint rollers made of plush and lambskin**—Strip cutting machine STM and STM-R, plush cutting device PSE, turn over equipment SUP, turn-round-over-machine SUM, drawing device SAV, roller winding automat RWA, roller assembly machine RMA, roller treating automat RBA, radiator roller radiusing machine AW, radiator plunger roller winding automat HWA, radiator plunger roller assembly automat HMA, production automat for radiator rollers HFA, roller supply RZ and supply hopper BF.

**Machines for the production of flat and round paintbrushes**—Flat paintbrush automat with automated adhesive dispenser FPA, automated cleaning and trimming machine for flat paintbrushes ABM-K and ABM-L also for synthetic fiber, inserting and stapling machine EHM, extendible with printing device and packing unit, paintbrush packing automat PEU, tuft dividing machine BAD, bristle vibrator BAG, measuring and trimming machine ZSM, wall brush assembly device FME, round paintbrush automat RPA, production equipment for round paintbrushes RFA, round paintbrush assembling machine RPM, and cleaning and trimming machine for round paintbrushes RSA.

**Mixing, metering and dispensing machines**—Automated adhesive dispenser VGA; mixing, metering and dispensing machine for two and more component resin systems MUD and MUD-R with adjustable mixing ratio.

MBK is a state-of-the-art, medium-sized engineering company located in Kisslegg in the Allgäu (approx. 35 km northeast of Lindau on the Lake of Constance, Germany). Maintenance and service for all types of machines, conversion and extension of machinery in stock available.

### MFC, Ltd.
1904 Freight Street
Laredo, TX 78041 USA
Phone: 956-724-5191
Fax: 956-725-8080
E-Mail: info@mfc-usa.com
Web Site: www.mfc-usa.com

**Company Officers:** David Kalisz

**Products:**
- Tampico fibers, union mix, semi-patent fiber, palmrya, bassine, horsehair, horsehair mixtures with tampico fiber and/or synthetic.
- Boar bristle mixtures (natural and/or with synthetics), paintbrush mixtures of synthetic and natural bristles.
- Tipping, flagging, mixing and dyeing of taper synthetic fiber for paintbrush industry. Also rice (broom) root and metal handles. MFC, Ltd., has been a supplier to brush manufacturers for over 100 years.

### Michigan Brush Mfg. Co., Inc.
7446 Central Avenue - P.O. Box 10247
Detroit, MI 48210-0247 USA
Phone: 313-834-1070

Fax: 313-834-1070
Toll-Free: 800-642-7874
E-Mail: mmmfgcoinc@aol.com
Web Site: www.mi-brush.com

**Company Officers:** Bruce M. Gale, President/Managing Director

**Products:**
- Specializing in all types of brooms, brushes, mops, squeegees, paint rollers and related products.
- Special order products for machinery and equipment including oversized paint rollers, brushes, and squeegees are available. Prototypes and long or short runs invited.

### Mill-Rose Company, The
7995 Tyler Blvd.
Mentor, OH 44060 USA
Phone: 440-255-9171
Fax: 440-255-5039
E-Mail: info@millrose.com
Web Site: www.millrose.com

**Company Officers:** Paul Miller, President

**Products:**
- Mill-Rose is a U.S. manufacturer of twisted-wire brushes and a market leader for brushes of all uses. The company designs, engineers, manufactures, and delivers brushes in small, as well as large quantities catering to a customer’s specific needs. Mill-Rose brushes are used in virtually every industry around the world, including, but not limited to, aerospace, agriculture, automotive, defense, energy, manufacturing, medical, technology, and telecommunications.

- Customers can choose from thousands of “standard” and “not-so-standard” sizes and shapes of brushes that deburr, polish, finish, sort, auger, conduct, dissipate, collect, move and protect materials. Mill-Rose brushes are often used in non-brushing applications to solve engineering, design, and production problems. Mill-Rose has designed more than 100,000 special brushes with unique configurations for unique applications.

- Strong demand for Mill-Rose brushes by the plumbing, heating and cooling industry led to the formation of Clean-Fit Products serving professional contractors, hardware wholesalers and Do-It-Yourself home centers. Clean-Fit Products offers contractors a complete line of brushes, abrasives, PTFE sealants and Specialty tools, including the line of Blue Monster® professional-grade products.

- Mill-Rose Laboratories manufactures a complete line of disposable and reusable brushes, snares and baskets used throughout the medical industry. It’s a leading source for laboratory and scientific brushes, biopsy and micro brushes, and stainless steel wire forms used in a broad range of applications.

### Milwaukee Dustless Brush
Gordon Brush Wisconsin, LLC
6247 Randolph Street
Commerce, CA 90040 USA
Phone: 323-724-7777 ext. 280

Fax: 323-724-1111
Web Site: www.milwaukeedustless.com

**Company Officers:**
- Kenneth L. Rakusin, President and CEO

**Products:**
- Milwaukee Dustless Brush/Gordon Brush Wisconsin, LLC., is an ISO 9001:2008 certified American manufacturer of a premium line of janitorial cleaning tools that do the job for which they are intended. These innovative products that clean better and last longer include: the Speed Sweep® line of floor brooms; the Speed Squeegy® line of floor squeegees; dusters; mops (including the eMop™ Bucketless Mop System); sweepers (including: Speedy Sweep, cordless battery operated sweeper); Speedy Corn® line of upright brooms; lobby brooms, deck scrubs; truck wash brushes; utility brushes, and an assortment of industrial and paintbrushes from the Gordon Brush Mfg. Co., Inc. line.

### Monahan Filaments, LLC
215 Egyptian Trail
Arcola, IL 61910 USA
Phone: 217-268-4957
Customer Service: 888-833-1097
E-Mail: info@monahanfilaments.com
Web Site: www.monahanfilaments.com

**Company Officers:**
- Jon Monahan, President;
- Chris Monahan, Vice President Sales & Marketing

**Products:**
- Broad selection of synthetic filaments in a wide range of diameters for the brush and monofilament industries. Nylon, polyester, polyethylene, polystyrene and polypropylene fibers for applications in industrial, construction, automotive, personal care, paint, cosmetic, and janitorial markets.

- Founded in early 2007 with the acquisition of Specialty Filaments, the company has consolidated operations into a new facility in Arcola, IL. Centrally located in the Midwest, MFI is well positioned to meet the challenging needs of all customers. Sister company Brush Fibers, Inc., is also located in Arcola and able to ship all items together with Monahan Filaments further saving on freight.

- Now offering high performance filaments such as PPS for demanding applications and V0 grade nylon.

### Monahan Partners, Inc.
202 N. Oak
Arcola, IL 61910 USA
Phone: 217-268-5771
Fax: 217-268-3113
E-Mail: pat@monahanpartners.com; kevin@monahanpartners.com
Web Site: www.monahanpartners.com

**Company Officers:**
- Pat Monahan, President, (888-268-5754); Kevin Monahan, Vice President (888-268-5757)

**Products:**
- Monahan Partners assembles wood, metal or fiberglass mopsticks. It offers a full range of metal and plastic attachments.
for both wet and dry mops, and sells the component parts for self-assembly. Monahan Partners offers popular plastic and metal janitor quick changes/stirrups, gripper (jaws), household and janitor spring and levers. And for dust mops, the company offers nylon slide connectors and a patented flexible connector. Other popular products are dust mop frames and heads (in 3 1/2 and 5-inch widths) including cotton, colored cotton, colored synthetics and disposables as well as wedge mop heads and frames.

Monahan Partners also sells broom braces; industrial T-bars; plastic/wire connectors for layflat mops; twist mops made with cotton yarn, and non-woven strips; microfiber yarn wet mops; both metal and plastic hinge sponge mops; and fiberglass handles with swivel cap and thread. Monahan Partners now also sells a popular, made in USA, economical, patented lobby dust pan and is a leading producer of fiberglass handle mopsticks.

Monahan Partners was spun out of The Thomas Monahan Company in December 2010. Formerly, a division of the family business, Monahan Partners continues a long history of great service. 15

**Thomas Monahan Co., The**

202 North Oak Street
Arcola, IL 61910 USA
Phone: 217-268-4955
Fax: 217-268-3113
E-Mail: tim@thomasmonahan.com
Weblink: www.thomasmonahan.com

**Company Officers:** Jim, Tim, Jon, and Chris Monahan. Pat Monahan owns and runs a sister company, Monahan Partners

**Products:** The Thomas Monahan Company is the parent of the Monahan family of companies – Brush Fibers, Inc. (natural filaments); Monahan Filaments (synthetic filaments); and Whitley Monahan Handles Company (wood handles). See separate listings for these companies in this issue.

The Thomas Monahan Company manufactures and sells component parts for the manufacture of brooms and mops. It has proven sources in the USA, China, Mexico and around the world. Through its Whitley Monahan Handles Company, Monahan offers quality handles in pine and hardwoods in clear lacquer, painted or plain sanded, with tapers, tenons or threads, in all standard diameters and lengths. The company is the exclusive distributor of Bamwood – a manufactured wood made from bamboo.

Through its Brush Fibers and Monahan Filament companies, Monahan manufactures synthetic filaments and sells them along with imported natural fibers to the brush industry.

The Thomas Monohan Company sells broomcorn and natural filler fibers, plastic angle brooms, and broom twine. The company also offers products from foreign sources on a container load basis for direct shipment at nice savings. The company has been a family business since 1922, now managed by its fourth generation of Monahans. The Thomas Monahan Co. stands behind everything it sells. The company prides itself on fast, courteous service. 15

**Monterey Mills**

P.O. Box 790
Janesville, WI 53547 USA
Phone: 608-754-2866
Fax: 608-754-3750
E-Mail: birkhoffb@montereymills.com
Weblink: www.montereymills.com

**Company Officers:** Daniel Sinykin, President

**Products:** Supplier of knitted pile fabric for the paint roller industry. Also supplier for apparel, over-the-counter, toy, saddlepad, casquet/boot/slipper/music case liners, wash mitts, pet beds, wool and wool blended buffing pads, premium hospital pads, and pet bed fabrics. 15

**Moonsoft International, Inc.**

3808 N. Sullivan Rd., Bldg. 12, Suite Q
Spokane, WA 99216 USA
Phone: 509-892-9360
Fax: 509-892-9355
Weblink: www.moonsoftcorp.com

**Products:** Microfiber mop pads andusters, related hardware. 12

**Mount Joy Wire Corp.**

1000 E. Main Street
Mount Joy, PA 17552 USA
Phone: 717-653-1461
Toll Free: 800-321-2305
Fax: 717-653-0221
E-Mail: sales@mjwire.com
Weblink: www.mjwire.com

**Products:** Wide range of brush wire products – carbon steel, stainless steel, brass plated, galvanized, tinned, flats. All sizes of tempered and hard drawn brush wire with full capabilities in crimping, bunching, and cutting in hanks. 11

**Nation/Ruskin**

206 Progress Drive
Spokane, WA 99216 USA
Phone: 509-892-9355
Fax: 608-754-3750
E-Mail: nationruskin@nationruskin.com
Web Site: www.nationruskin.com

**Products:** Sponges, cheesecloth, tack cloths, towels, rags, microfiber towels, drop cloths, coveralls, paint striainers. 13

**National Wire & Metal Technologies, Inc.**

200 Harrison Street
Jamestown, NY 14701 USA
Phone: 716-661-9180
Fax: 716-661-9189
E-Mail: national@netsync.net
Weblink: www.homemade.us

**Products:** Twist mops, dust mops, sponge mops, roller mops, butterfly mops, commercial metal wet mops, broom braces, brush scrapers and squeegees. Other product capabilities include metal stamping, wire forming welding, tool and die capabilities, assembly and metal finishing operations. 13

**Newell & Sons Inc.**

P.O. Box 1098
Roxboro, NC 27573 USA
Toll Free: 800-467-8996
Fax: 336-599-3354
E-Mail: newell@esinc.net
Web Site: www.newellandsons.com

**Products:** Industrial/janitorial wet mop manufacturer and broom, brush and janitorial supplier. 13

**Nexstep Commercial Products,**

1450 W. Ottawa Road
Paxton, IL 60957 USA
Phone: 217-379-2377
Fax: 217-379-9901
E-Mail: customerservice@ocedarcommercial.com
Weblink: www.ocedarcommercial.com

**Company Officers:** Todd Leventhal, President; Joel Hastings, General Manager

**Products:** (Exclusive Licensee of O-Cedar) A complete line of commercial cleaning products: brooms (angle and traditional upright), floor sweeps, brushes (utility, counter, scrub, and bowl), wet mops (traditional), mops (self-wringer, sponge and roller), dust mops, microfiber (cloths, wet mops, dust mops, dusters, heads/holders, and cleaning systems), squeegees, dusters, waste containers, disposers, sponges, floor mats, rotary brushes, pad drivers and hardware, carts, mop buckets and wringers. 14

**Ningbo Neco Housewares Co., Ltd.**

No. 5 Dongjiang Road, High-tech Park, Fenghua, Ningbo, China (Factory)///1206, Tian Run Bus
Ningbo, Zhejiang 315000 CHINA
Phone: 0086-574-87038079
Mobile: 0086-18654176865
Fax: 0086-574-89118098
E-Mail: allen@chinanecco.com
Weblink: www.nbneco.com

**Company Officers:** Dong Chengyong, President; Bihan Zhiquiang, Deputy President; Adam Mao, Business Manager; Tong Haiden, QC Manager; Qu Benhua, Production Manager; Lu Xiaojun, Social Responsibility Manager; Mao Xialong, R&D, TECH Manager

**Products:** Mop series, window washer series, dustpan and broom series, duster series, microfiber cleaner series, bathroom cleaner series, sponges and scourers, multifunctional brushes, toilet brushes, lint roller series, floor squeegees, scrapers, pickers, lobby flat mops and window squeegees. 15
Norshel Industries, Inc.
2933 River Rd.
Croydon, PA 19021 USA
Toll Free: 800-355-MOPS
Fax: 215-788-5225
E-Mail: sales@norshel.com
Web Site: www.norshel.com
Products: Wet mops, handles, dust mops, brushes, dust pans, poly and corn brooms.

Northeast Ltda.
Rua Lisboa, 453
Sao Paulo S.P. 05413-000 BRAZIL
Phone (U.S.): 917-842-5062
Fax: 55 11 3085 4955
E-Mail: michaelg@northeast-brazil.com
Web Site: www.northeast-brazil.com
Company Officers: Michael Grossman, Elaine Kimoto, Isabela Zanini
Products: FSC and non-FSC wooden handles; softwood and hardwood, all finishing available; sanded, lacquered or painted; all accessories such as metal threaded tips, thread on wood, tenon, domed, plastic caps, etc. available, as are bar codes and private labels. All packing available including strip pack, box pack, etc. Metal handles and angle brooms are also available.

PelRay International, LLC
4511 Macro Dr.
San Antonio, TX 78218 USA
Phone: 210-757-4640
Fax: 210-650-8103
E-Mail: info@PelRay.com
Web Site: www.PelRay.com
Company Officers: Michael McKenzie, CEO; Bart Pelton, President; Ray LeBlanc, COO
Products: With over 100 years of combined experience in the industry, PelRay's sales team, Ron Cherryholmes, Ray LeBlanc, David McGee and Bart Pelton, has been meeting the needs of manufacturers of brooms, mops and brushes worldwide. From raw materials such as natural fibers (broomcorn, beargrass, Tampico and palmrya) to mop yarn (blended, cotton, rayon, natural or dyed) to OEM products made to customer specifications (angle broom heads, corn brooms, mops or mop sticks) to handles (poplar, southern yellow pine, Brazilian tauri, or metal) PelRay has it available and can ship in mixed loads to help customers to better manage their inventories.

For those customers looking for products “made in the USA”, PelRay offers competitively priced poplar and pine handles as well as mop hardware and assembled mop sticks. PelRay also stocks an extensive inventory for artisans and crafters with raw broomcorn, stitching needles, twine and more. Visit PelRay's website for specials and inventory clearance items. Quality, integrity and service are hallmarks of PelRay's commitment to the success of its customers.

Northern Wood Products, Inc.
1504 Lauderdale Pl.
La Crosse, WI 54603 USA
Phone: 608-783-1112
Fax: 608-783-0272
Web Site: www.northernwoodproductsinc.com
Products: Wood handles and wood brush blocks manufactured for the broom, brush and mop industries.

Nyco Products Company
5332 Dansker Road
Countryside, IL 60525 USA
Toll Free: 800-752-4754
Fax: 708-579-9898
E-Mail: customerservice@nycoproducts.com
Web Site: www.nycoproducts.com
Products: Carpet cleaners, spotters and stain removers; upholstery cleaners; floor strippers; floor cleaners; floor finish chemicals; floor sealers; floor preparation chemicals; ice film neutralizer; dust mop treatment; and liquids, aerosols, powders.

O’Dell Corporation
P.O. Box 540
Wane Shoals, SC 29646 USA
Toll Free: 800-342-2843
Fax: 800-445-1533
E-Mail: orders@odellcorp.com
Web Site: www.odellcorp.com
Products: Wet mops, dust mops, handles, brushes, janitor carts, microfiber, echoMop, The Edge Mop, The Patriot Mop, frames, janitorial accessories.

Osborn
1100 Resource Dr., Suite 1
Brooklyn Heights, OH 44131 USA
Toll Free: 800-720-3358
Phone: 216-361-1900
Fax: 216-361-1913
E-Mail: marketsupport@osborn.com
Web Site: www.osborn.com
Products: Push brooms, upright brooms, handles, squeegees, angle brooms, whisk brushes, counter dusters, bowl brushes, fountain brushes, car wash brushes, tire cleaning brushes, nail brushes, scrub brushes, scratch brushes, paintbrushes, artists brushes, paint rollers and roller frames.

Padco Inc. U.S.A.
2220 Elm Street Southeast
Minneapolis, MN 55414 USA
Phone: 612-378-7270
Fax: 612-378-9388
E-Mail: info@padco.com
Web Site: www.padco/loottools.com
Company Officers: Anna MacCormick, CEO; Ed Goldstein, President
Products: Floor finish applicators, extension poles, trays, pads, rollers and accessories.

Paint Brush Corporation
27 W. Cherry St., P.O. Box 371
Vermillion, SD 57069 USA
Phone: 605-624-8601
Fax: 605-624-6909
E-Mail: info@paintbrushcorp.com
Web Site: www.paintbrushcorp.com
Company Officers: Lesli R. Johnson, President; Douglas R. Johnson, Vice President
Products: Natural and synthetic bristle paintbrushes, automotive parts cleaning brushes.

Patrick Yarn Mills, Inc.
501 York Road
Kings Mountain, NC 28086 USA
Toll Free: 800-342-9015
Fax: 978-840-1563
E-Mail: sales@pferdusa.com
Web Site: www.pferdusa.com
Products: Brooms, floor sweeps, squeegees, paintbrushes and accessories, scratch and chip brushes, utility and deck scrub brushes, power wire brushes and abrasive filament nylon brushes.

PelRay offers competitively priced poplar and pine handles as well as mop hardware and assembled mop sticks. PelRay also stocks an extensive inventory for artisans and crafters with raw broomcorn, stitching needles, twine and more. Visit PelRay's website for specials and inventory clearance items. Quality, integrity and service are hallmarks of PelRay's commitment to the success of its customers.

Northern Wood Products, Inc.
1504 Lauderdale Pl.
La Crosse, WI 54603 USA
Phone: 608-783-1112
Fax: 608-783-0272
Web Site: www.northernwoodproductsinc.com
Products: Wood handles and wood brush blocks manufactured for the broom, brush and mop industries.

Nyco Products Company
5332 Dansker Road
Countryside, IL 60525 USA
Toll Free: 800-752-4754
Fax: 708-579-9898
E-Mail: customerservice@nycoproducts.com
Web Site: www.nycoproducts.com
Products: Carpet cleaners, spotters and stain removers; upholstery cleaners; floor strippers; floor cleaners; floor finish chemicals; floor sealers; floor preparation chemicals; ice film neutralizer; dust mop treatment; and liquids, aerosols, powders.

O’Dell Corporation
P.O. Box 540
Wane Shoals, SC 29646 USA
Toll Free: 800-342-2843
Fax: 800-445-1533
E-Mail: orders@odellcorp.com
Web Site: www.odellcorp.com
Products: Wet mops, dust mops, handles, brushes, janitor carts, microfiber, echoMop, The Edge Mop, The Patriot Mop, frames, janitorial accessories.

Osborn
1100 Resource Dr., Suite 1
Brooklyn Heights, OH 44131 USA
Toll Free: 800-720-3358
Phone: 216-361-1900
Fax: 216-361-1913
E-Mail: marketsupport@osborn.com
Web Site: www.osborn.com
Products: Push brooms, upright brooms, handles, squeegees, angle brooms, whisk brushes, counter dusters, bowl brushes, fountain brushes, car wash brushes, tire cleaning brushes, nail brushes, scrub brushes, scratch brushes, paintbrushes, artists brushes, paint rollers and roller frames.

Padco Inc. U.S.A.
2220 Elm Street Southeast
Minneapolis, MN 55414 USA
Phone: 612-378-7270
Fax: 612-378-9388
E-Mail: info@padco.com
Web Site: www.padco/loottools.com
Company Officers: Anna MacCormick, CEO; Ed Goldstein, President
Products: Floor finish applicators, extension poles, trays, pads, rollers and accessories.

Paint Brush Corporation
27 W. Cherry St., P.O. Box 371
Vermillion, SD 57069 USA
Phone: 605-624-8601
Fax: 605-624-6909
E-Mail: info@paintbrushcorp.com
Web Site: www.paintbrushcorp.com
Company Officers: Lesli R. Johnson, President; Douglas R. Johnson, Vice President
Products: Natural and synthetic bristle paintbrushes, automotive parts cleaning brushes.

Patrick Yarn Mills, Inc.
501 York Road
Kings Mountain, NC 28086 USA
Toll Free: 800-342-9015
Fax: 978-840-1563
E-Mail: sales@pferdusa.com
Web Site: www.pferdusa.com
Products: Brooms, floor sweeps, squeegees, paintbrushes and accessories, scratch and chip brushes, utility and deck scrub brushes, power wire brushes and abrasive filament nylon brushes.
Plasticfibre S.P.A.
Via Emilia 309A
40011 Anzola Emilia (BO) ITALY
Phone: +39-051-739762
Fax: +39-051-739519
E-Mail: fiori@plasticfibre.com
Web Site: www.plasticfibre.com
Products: Synthetic monofilaments: Plasticrin (PVC), Emilien (PP), Ecoclean (PBT), Ecocter (PET), Politeix (PE), Ultrapaintex (hollow PBT), Paintex (hollow PET), Ecocitl (PS), Ecossan (PS/SAN), Plastynyl (PA). Also offered are vegetable fibers (tampico/broomroot/palmyra).

Manufacturers of quality synthetic fibers for the broom and brush industry since 1959. The company extrudes filaments made of PVC, PP, PET, PBT, PS, SAN, PE and PA. Plasticfibre can offer a complete range of synthetic filaments to manufacturers of all brush products in every sector. Its filaments vary in application throughout the industrial and manufacturing sectors in more than 50 countries worldwide. Quality system certified under ISO 9001:2008.

Pogliani SRL
Via A. Volta 7/A
Costa Masnaga (LC) 23845 ITALY
Phone: ++39031856986
Fax: ++39031856273
E-Mail: info@poglianisrl.com
Web Site: www.poglianisrl.com
Products: Synthetic Filaments: solid and hollow polyester, nylon, PP and polyethylene; tapered filaments for paint, cosmetic and toothbrushes; Wire: stapling wire (flat and round), wire for crimping or for twisted purpose, wire for filling, wire in many different raw materials such as stainless, brass, phosphorous bronze, nickel silver, copper coated and galvanized steel; Natural Fibers: tampico, broom root, coco, palmyra, horsehair, bristles and mixtures.

Precision Brush Company
6700 Parkland Blvd.
Solon, OH 44124 USA
Phone: 440-542-9600
Fax: 440-542-9696
E-Mail: jbenjamin@Precisionbrush.com
Web Site: www.precisionbrush.com
Company Officers: Jim Benjamin, President
Products: Precision Brush Company has the technology, expertise and experience to satisfy industrial brush requirements. The company can customize nearly every aspect of a brush, including brush length, bristle length, stiffness, density, coarseness, fill material and base materials. These custom brushes can be constructed of materials that resist certain harsh chemicals, temperature extremes, or both. Conversely, Precision’s industrial brushes can be gentle and soft enough to spread confectioner’s sugar on doughnuts. From food processing, steel processing, glass manufacturing, pharmaceutical production and data cable management—Precision is a provider of custom industrial brushes that can handle the demands of nearly any industry.

The manufacturing capabilities of the Precision Brush Company have allowed it to offer clients customized bristle tools for an almost infinite number of brush applications, including but not limited to: metal channel strip brushes, plastic channel strip brushes, twisted wire brushes, brush seals and specialty brushes.

Provededora Mexicana De Monofilamentos, S.A. De C.V. (PMM)
Oriente 217 No. 190
Agricola Oriental
Mexico City, D.F., 08500 MEXICO
Phone: 00 5255 5763 86 63
Fax: 00 5255 5700 57 69
E-Mail: pmm@pmm-mex.com
Web Site: www.pmmbrightline.com
Company Officers: Enrique Mejia, General Manager; Dennise Silva, Sales Manager
Products: PMM produces synthetic engineered monofilaments for the brush industry. It offers nylon 6.12, nylon 6, nylon 6.6, nylon 6 plus, polyester PBT, polyethylene and polypropylene filaments in a wide range of calipers and colors. It specializes in critical applications, where consistency and quality are a must.

Purdy
101 Prospect Ave.
Cleveland, OH 44115 USA
Toll Free: 800-547-0780
Fax: 800-380-9422
E-Mail: info@purdycorp.com
Web Site: www.purdy.com
Products: Purdy offers a broad assortment of brushes, roller covers, faux finishing tools and painting accessories. The company began in 1925 when S. Desmond Purdy began building paintbrushes in a converted two-car garage in Portland, OR.

Purdy painting tools offer outstanding finish appearance, which forms a smooth, even layoff of the paint on the surface. Smoother “no drag” brush strokes and better paint flow and release are also qualities found in Purdy brushes, and help to make faster and better production on big jobs. Purdy brushes also provide cutting-in capabilities for corners and sash work because of the individual craftsmanship put into the chiseling, shaping and finishing of all Purdy brushes. The brushes are also light weight and balanced.

Purdy’s premium adjustable roller frame fits all standard roller covers from 12 to 18-inches. This design works with a cam latch system for quick adjustment. Purdy also launched a jumbo mini-roller system. This cageless jumbo mini-roller frame features a “dog bone” design which provides the smooth rolling action for a perfect finish. The 3/4-inch jumbo core cover holds more paint giving professionals the desired look in less time. The lightweight frame is available in 14 and 26 1/2-inch lengths, as well as a complete assortment of 4 1/2 and 6 1/2-inch mini-roller replacement covers.

Quickie Manufacturing Corp.
1150 Taylors Lane
Cinnaminson, NJ 08077 USA
Phone: 856-829-7900
Fax: 856-829-6150
Web Site: www.quickie.com
Products: Brooms, mops, sponges, buckets, dusters, brushes, plungers, microfiber towels.

Quinn Broom Works, Inc.
1527 IL Rt. 121, P.O. Box 575
Greenup, IL 62428 USA
Phone: 217-923-3181
Fax: 217-923-5150
E-Mail: qbroom@quinnbroomworks.com
Web Site: www.quinnbroomworks.com
Company Officers: Mark D Quinn, President
Products: All types of wound, nail, kitchenette, whisk and toy brooms. Corn brooms manufactured to customers’ specifications.

Remco Products
4735 W. 106th Street
Zionsville, IN 46077 USA
Phone: 317-876-9856
Fax: 800-585-8619
Web Site: www.remcoproducts.com
Products: Designers and manufacturers of quality plastic products. Color-coded polypropylene one- and two-piece shovels, mixing paddles, scoops, scrapers, metal detectable tools, HDPE tubes, lids, pallets, and steel undercarriages. Remco also offers the Vikan hygiene system® line of color-coded hand brushes, floor and wall brushes, squeegees, pails, pad holder system, paddle/floor scrapers, tube and valve brushes, handles (regular and specialized), wall brackets and waterfed brushes and handles.

Remco Products is a family business started in 1985 by Richard L. Garrison in Zionsville, IN. The company offers a large range of products and serves a number of markets, including the food processing, food service, jan/san, material handling, and safety markets.

Remco offers Vikan hygiene system® color-coded hygienic brooms, brushes and squeegees. The brooms and brushes feature a solid polypropylene block and polyester bristles that are held in place with stainless steel staples. With block and bristle of the same color, they
are autoclavable, sterilizable and come in a variety of shapes, sizes and bristle types. In addition to fixed head and swivel neck squeegees, an ultra hygiene squeegee is also available. The single-blade design of this squeegee discourages bacterial growth. These products can be purchased with Remco’s selection of European-thread handles that are of varying length, material and color. Remco also offers a complete line of helically wound stainless steel tube and valve brushes as well as several special application brushes. 11

Rol-Brush Mfg.,
Division of Michigan Brush Mfg. Co. Inc.
74-46 Central Avenue - P.O. Box 10247
Detroit, MI 48210-0247 USA
Phone: 313-834-1070
Fax: 313-834-1178
Toll-Free: 800-642-7874
Web Site: www.mi-brush.com
Products: Company offers paint rollers, covers and trays. Private label is the company’s specialty. Rol-Brush is a prime manufacturer, an OEM source and is a member of the American Brush Manufacturers Association. 10

Royal Paint Roller Mfg. Corp.
248 Wyandanch Ave.
West Babylon, NY 11704 USA
Phone: 631-643-8012
Fax: 631-253-9428
E-Mail: royalpaintroller@aol.com
Products: Paint roller covers made of lambskin, microfiber, kodel, lambswool, synthetic blends, “Lint Free” woven fabrics. All sizes available. Jumbo 2-1/4” ID to Slim Jim covers, plus roller frames, trays, paintbrushes and a full line of painting accessories for the professional and do-it-yourself markets.

Royal Paint Roller Mfg. Corp. has been providing top quality paint rollers and painting accessories for the professional and do-it-yourself markets for over 45 years. It takes pride in the reputation it has established over the years of being more than simply a supplier, but rather a “business partner” to customers. Along with the many items offered in its catalog, the company has increased the number of items it manufactures according to customer specifications. Offers private labeling to many volume purchasers. 15

Rubbermaid Commercial Products, Inc.
3124 Valley Ave.
Winchester, VA 22601 USA
Phone: 540-667-8700
Web Site: www.rubbermaidcommercial.com
Products: A manufacturer serving worldwide commercial and institutional markets. The company is involved with such product categories as foodservice, sanitary maintenance, waste handling, material transport, washroom and safety. 14

Sanderson MacLeod
1199 South Main Street
Palmer, MA 01069 USA
Phone: 866-522-3481; 413-283-3481
Fax: 413-289-1919
Web Site: www.sandersonmacleod.com
Products: Sanderson MacLeod specializes solely in twisted-wire brushes. It is a large volume contract manufacturer of medical and dental brushes, firearm brushes, cleaning brushes and cosmetic brushes. It is also the inventor of the Z-Tip, which puts a protective tip on a twisted-wire brush that is smoother, safer and stronger than traditional tipping methods. The Z-Tip is manufactured using high energy fusion welding technologies to melt a pre-constructed core wire section of a twisted-wire brush into a consistent, smooth and inseparable protective tip.

Manufactures twisted-wire brushes including: medical endoscope cleaning, medical cytology, interdental, shotgun cleaning, rifle cleaning, pistol cleaning, general cleaning, deburring, polishing, and mascara. Sanderson MacLeod employs more than 100 employees and operates out of a 137,000-square-foot, state-of-the-art facility with an FDA compliant quality control lab. Engineering custom brushes is the company’s specialty. 11

Schaefer Brush Mfg. Co., Inc.
1101 S. Prairie Avenue
Waukesha, WI 53186 USA
Phone: 262-547-3500
Fax: 262-547-3927
Web Site: www.schaeferbrush.com
Products: Twisted-in-wire brushes continue to be the core of Schaefer Brush; however, staple-set and hand drawn brushes, for all industries, play an important part of the business. Schaefer Brush designs and builds custom brushes and brushing systems for a variety of applications and industries. 13

Schlesinger Maschinenbau GmbH
Forstrststraße 3
Burgwald, Hessen 35099 GERMANY
Phone: 0049-6451-719180
Fax: 0049-6451-71918-30
E-Mail: info@schlesinger.de
Web Site: www.schlesinger.de
Products: Brush production machinery. Automatic cleaning and trimming machinery. High performance and special machinery; appliances for brush production; performance, modern and versatile machine constructions; powerful technologies and reliable service. 10

Shanghai Jiasengheng Products Co., LTD
33 Lane, Huanqiao Rd., Pudong Shanghai
Shanghai 201315 CHINA
Phone: +86-21-50890438
Fax: +86-21-50890483
E-Mail: aragorn@jiashengco.com
Web Site: www.jiashengco.com
Products: Shanghai Jiaseng Products is a one stop source for high quality professional cleaning products with competitive price and good services. The company offers a variety of dust mops and wet mops, covering the full range of yarns, styles and price. Also offered are floor squeegees, window squeegees, mop wringer buckets, janitor carts, service carts, trash bins, floor signs, mop and broom accessories, mop sticks, sponge mops, microfiber mops and cloths, trash pickers, wool dusters, dustpans and brooms, brushes, etc. The company also offers OEM and R&D services. 15

Shanghai Yi Heng Daily-Use Products Co., Ltd.
No. 27 Si Cheng Rd.
Ma Lu Town, Jia Ding District
Shanghai, P.R. 201208 CHINA
Phone: 86-21-69158000, Ext. 8077
Fax: 86-21-69158070 and 69158093
Web Site: www.sh-yiyuan.com
Products: Cleaning products, daily-use products, brooms, brushes, mops, mop buckets, squeegees, dusters, etc. Also offered are machinery such as broom stitchers, cutting machines, binding machines, as well as furniture.

Shanghai Yi Heng Daily-Use Products Co., Ltd was founded in 1996, headquartered in Shanghai. Manufactured products come in various kinds and are kept updated with the quick change in technology. Primary items cover cleaning products and daily-use products involving over 400 kinds, and are exported to the United States, Australia, Europe, Japan and Southeast Asia. Since the establishment of the company, both Yi Heng representatives and customers have witnessed a rapid development that comes from the company’s management team. Innovation in management, research and development, especially in sales, enable the company to accommodate further growth.

The company offers American long fiber corn brooms to the U.S. market with over 40 styles. It offers direct sales for American nationwide supermarkets through U.S. partners. 11

Shurhold Industries, Inc.
3119 SW 42nd Ave.
Palm City, FL 34990 USA
Phone: 772-287-1313
Fax: 772-286-9620
Web Site: www.shurhold.com
Products: Brushes, mops, brooms, handles, cleaning chemicals, buffer and fishing gaffs. 09

S.M. Arnold, Inc.
7901 Michigan Ave.
St. Louis, MO 63111 USA
Toll Free: 800-325-7865
Fax: 314-544-3159
Web Site: www.smarnoldinc.com
Products: Car and truck wash brushes, scrub brushes, detail scratch brushes, tire and spoke
brushes, push brooms, chamois, sponges, wash mitts, polishing cloths and applicators, microfiber cloth and towels.  

**Spiral Brushes Inc.**  
1355 Commerce Drive  
Stow, OH 44224 USA  
**Toll Free:** 800-888-2861  
**Phone:** 330-686-2861  
**Fax:** 330-686-9436  
**E-Mail:** sales@spiralbrushes.com  
**Web Site:** www.spiralbrushes.com  
**Products:** Industrial brushes, standard power brushes and custom brushes; metal back strip and cylinder brushes; steel wire, stainless steel wire, brass wire, bronze wire; synthetic fiber including nylon, polypropylene, abrasive nylon; natural fiber including tampico and horsehair available as brush fill materials.  

**St. Nick Brush Co.**  
P.O. Box 15  
Burton, OH 44021 USA  
**Toll Free:** 800-798-1269  
**Fax:** 440-834-0243  
**Web Site:** www.hardwood-lumber.com  
**Products:** For over 30 years, the St. Nick Brush Company (a division of the Hardwood Lumber Company) has been a start-to-finish business that produces a complete line of consumer and industrial brushes, brooms and brush blocks. Every stage of the manufacturing process is overseen by experienced brush makers who are dedicated to creating the highest quality products. In 2005, the company doubled the size of its warehouse and inventory, decreasing the average lead time to two days.  

Products listed as brushes and brooms: street brooms, floor sweeps, scrub brushes and concrete finishing brushes, specializing in African Bass Street Brooms. Products listed as hardwood brush and broom blocks: shoe handle, scratch brush, bagel block, floor sweep, street broom, deck scrub and all types of scrub brush blocks.  

**Stainless Steel Products**  
561-T Acron St.  
Deer Park, NY 11729 USA  
**Phone:** 888-767-3040  
**Fax:** 631-243-4064  
**E-Mail:** sales@stainlesswires.com  
**Web Site:** www.stainlesswires.com  
**Company Officers:** Ralph Rosenbaum; Melissa Rosenbaum  
**Products:** Wire; straight wire; crimped wire; cut-to-length wire; stranded wire; specialty packaging; strip, bar and mesh; ferrous and non-ferrous; common and specialty alloys.  

**Static Faction**  
201 Washington St., Suite 6  
Salem, MA 01970 USA  
**Phone:** 978-745-6238  
**Fax:** 978-741-4761  
**E-Mail:** info@staticfaction.com  
**Web Site:** www.staticfaction.com  
**Company Officers:** Ian Moss, President  
**Products:** Thunderon® conductive filament; mixtures of Thunderon® with goat hair, nylon and horse hair; Thunderon® woven strip tapes.  

**Tai Hing Nylon Filament Products Co., Ltd.**  
Shop C, On Ying Mansion, G/F., 1138 Canton Rd.  
MongKok, Kowloon, Hong Kong CHINA  
**Phone:** +852 2494 0233  
**Fax:** +852 2485 2677  
**E-Mail:** marketing@taihingnylon hk  
**Web Site:** www.taihingnylon.com  
**Company Officers:** Wilson H. Lau; William Lau; Peter Pang  
**Products:** All kinds of filaments including PA filaments of nylon 6, 66, 46, 610 and 121; PBT filaments of normal and tapered; PE filaments of HDPE, and LDPE; PET filaments of normal, tapered and recycled; PP; PS; FPS; PEEK; PLA; ABS and PMMA filaments for making brushes in various applications including industrial, cosmetic, oral care, cleaning, broom, paintbrushes, etc.  

**Tanis, Inc.**  
3660 Kettle Court East  
Delafeld, WI 53018 USA  
**Phone:** 262-646-9000  
**Fax:** 262-646-9005  
**E-Mail:** sales@tanisinc.com  
**Web Site:** www.tanisbrush.com  
**Company Officers:** Scott Tanis, President  
**Products:** Abrasive brush products including wheel disc and tube brushes; twisted-in-wire internal cleaning brushes and tube brushes; stip brushes used to guide, seal and protect; rotary and cylinder brushes; dairy and foodservice brushes; artist brushes; parts cleaning and utility brushes.  

**Thomas Textile Company**  
P.O. Box 35697  
Charlotte, NC 28235 USA  
**Phone:** 704-342-9200  
**Fax:** 704-342-9233  
**E-Mail:** wtgttc@bellsouth.net  
**Products:** Cotton and rayon blend mop yarns on boll warps, cones, and large single end wheels.  

**Tucel Industries, Inc.**  
2014 Forestdale Road - P.O. Box 146  
Forestdale, VT 05745 USA  
**Phone:** 802-247-6824  
**Fax:** 802-247-6826  
**E-Mail:** jlewis@tucel.com  
**Web Site:** www.tucel.com  
**Company Officers:** John C. Lewis, Jr., President; Joanne Raleigh, Vice President  
**Products:** Tucel produces brushes currently serving foodservice, janitorial and other industries. Tucel is 100 percent green, recyclable and fused. All products are polypropylene which does not absorb water, causing bacteria. Fused brushes are made using a manufacturing process whereby the bristle and block are “heat fused” together; thus no holes and no staple where bacteria can harbor and cross-contaminate.  

Tucel originated in 1970 gaining its first patent for “fusing” bristle to block. Tucel was located in Middlebury, VT, for 10 years and relocated to Forestdale where the 45,000-square-foot factory still remains. Tucel has held more than 38 patents worldwide. Tucel also develops a wide assortment of specialty brushes for other companies. Tucel has its brushes NSF tested for cleanability. All products are HACCP compatible. Tucel has been under the same ownership since the company began in 1970.  

**Unimac S.r.l.**  
Via C.Colombo, 22  
41013 Castelfranco Emilia (MO) ITALY  
**Phone:** +39.059.932664  
**E-Mail:** magda@unimac.it  
**Web Site:** www.unimac.it  
**Products:** Unimac power brush manufacturing equipment and metal handle manufacturing equipment – Unimac produces machinery and technology used to manufacture twisted knot power brushes, wheel brushes, cup brushes, wafer brushes as well as quality control equipment for power brushes, machinery to convert wire from spools to cut-to-length bundles as well as equipment for crimping wire to be fed into power brush machinery. Unimac also specializes in complete production lines or specific-use machinery to produce fixed metal handles that are either powder coated or plastic coated, as well as equipment for extension handles (telescopic handles). Unimac’s tube-mill can also be used in other applications to produce tubes for other products (www.unimac.it)  

**United Rotary Brush Corporation - Engineered Products Division**  
20078 State Route 4  
Marysville, OH 43040 USA  
**Toll Free:** 800-893-0003  
**Fax:** 937-642-3552  
**E-Mail:** info@united-rotary.com  
**Web Site:** www.united-rotary.com  
**Products:** Custom-made wide-face brushes and non woven rolls for the heavy industrial market; trommel screen brushes, deburring brushes, shaft maintenance, disposable brush cores, wide face disposable brushes and brush rewraps.  

**Vonco Products, LLC.**  
201 Park Avenue  
Lake Villa, IL 60046 USA  
**E-Mail:** tim@vonco.com  
**Web Site:** www.vonco.com  
**Company Officers:** Keith Smith; Tim Morgan  
**Products:** Flexible packaging for the broom,
brush and mop industry. Features include: shapes, closures, headers, wickets, vents and process printing. Capabilities include graphic design, engineering and package design. Broom sleeves are available with a straight side tapered shape with options. All products are manufactured in the USA in the company’s Illinois facility. 15

**Weiler Corporation**
One Weiler Drive
Cresco, PA 18326 USA
Phone: 570-595-7495
Fax: 570-595-2002
E-Mail: info@weilercorp.com
Web Site: www.weilercorp.com

**Products:** Sweeps; floor, garage, and street brushes; handles; upright and whisk brooms; dusters and dust pans; squeezeeyes and window brushes; vehicle care brushes; scrub and utility brushes; mops and accessories; scratch brushes; flue brushes; tube fitting brushes; paintbrushes; rollers and accessories. 13

**Whitley Monahan Handle Co.**
3827 Whitley Road
Midland, NC 28107-0112 USA
Phone: 704-888-2625
Fax: 704-888-3023
E-Mail: patrick@whitleyhandle.com; jim_monahan@thomasmonahan.com
Web Site: www.whitleyhandle.com

**Company Officers:** Patrick Peebles, President; Jim Monahan, Sales Manager; Lorraine Peebles, Vice President

**Products:** Whitley Monahan Handle is a domestic producer of wood handles for the broom, mop and brush trade. Its plant in Midland, NC, has the capabilities to process wood handles to meet customer exacting specifications. The company can provide wood handles with smooth sanded finishes; painted handles with clear lacquer or any colored finish; cut tapers, tenons and threads; attached labels and metal threads; and special pack all to customer specifications. It currently processes Tauari from Brazil, mixed hardwoods from the Far East, and domestic hardwoods and softwoods to meet customers exacting standards. The company has an excellent workforce and company officials take pride in their products and ability to work with customers to give them the best possible product, on time and at a reasonable price. 15

**Wöhler Brush Tech GmbH**
Schützenstrasse 38
33181 Bad Wünnenberg GERMANY
Phone: +49 2953-73 300
Fax: +49 2953-73 96 300
E-Mail: bt@woehler.com
Web Site: www.bt.woehler.com

**Company Officers:** Matthias Peveiling; and Egbert Brottka

**Products:** In Wöhler’s modern facility of over 10,000 square meters with state-of-the-art machinery, the company offers many flexible and engineered possibilities to build specialty machines for a diverse range of applications. This includes specialty machines and complete production systems for all types of technical brushes in industrial applications such as strip brushes, roll brushes, power brushes, brush segments (wheel and cup), dental brushes, polishing brushes, end brushes, street sweeper brushes, cleaning brushes, twist-in wire brushes, micro brushes, paintbrushes and special technical brushes. Wöhler Brush Tech also supplies: punching, trimming, cutting and crimping equipment; brushing and specialty machines; surface finishing and WPC wood grain devices; and special filaments. 15

**Wolf Filaments**
(Shenzhen Tidy-Feel Filaments Co., Ltd.)
No. 255-I Jintian Rd.,
Tiantou, Pingshan New District
Shenzhen, 518118 CHINA
Phone: +86-0755-8426 0800
Fax: +86-0755-8426 0031
E-Mail: sallylee@tidyfeel.com
Web Site: www.tidyfeel.com

**Company Officers:** Sally Lee, General Manager

**Products:** A supplier of industrial abrasive filaments, nylon filaments without abrasive, and other high-quality monofilaments. 13

**WOMA**
(Wood Machinery Daniel Koehler)
Im Gewerbepark 10,
Stadtengsfeld 36457 GERMANY
Phone: +49 (0) 36965 809160
Fax: +49 (0) 36965 809169
E-Mail: info@woma-brush.com
Web Site: www.woma-brush.com

**Company Officers:** Daniel Koehler, General Manager; Maria Koehler, Sales Manager
**Products:** Second hand machines for brush industries; second hand wood working machines. 15

**Wooster Brush Company, The**
604 Madison Avenue
Wooster, OH 44691 USA
Phone: 330-264-4440
Fax: 330-263-0495
E-Mail: customerservice@woosterbrush.com
Web Site: www.woosterbrush.com

**Products:** With more than 160 years of industry experience, The Wooster Brush Company is a manufacturer of paintbrushes, rollers, surface prep tools, and painting equipment. Wooster offers, through distribution, over 2,000 products for professional and do-it-yourself painters. Brand names include Ultra/Pro®, Alpha™;, Advantage®, Yachtsman®, Short-cut®, and Golden Glo® paintbrushes; Super/Fab®, Pro/Doo-Z®, Avalon™; Super Doo-Z®, and Polar Bear® paint rollers; Sherlock® roller frames and extension poles; the Jumbo-Koter® miniroller system; and Prep Crew® surface prep tools. 14

**Worldwide Integrated Resources**
7171 Telegraph Rd.,
Montebello, CA 90640 USA
Toll Free: 800-441-6448
Fax: 323-838-8939
E-Mail: info@wwir.com
Web Site: www.wwir.com
**Products:** Metal and plastic hardware, dust pans, self-ringing mops, wet mops, squeegees and window brushes, dust mops and frames, buckets, brooms, miscellaneous and specialty items. 10

**Young & Swartz, Inc.**
39 Cherry St.
Buffalo, NY 14204 USA
Phone: 716-852-2171
Fax: 716-852-5652
E-Mail: info@youngandswartz.com
Web Site: www.youngandswartz.com


**Zahoransky AG**
Anton-Zahoransky Str. 1
Todtnau-Geschwend BW 79674 GERMANY
Phone: 49 7671 997-0
Fax: 49 7671-997-299
E-Mail: info@zahoransky.de
Web Site: www.zahoransky.com

**Company Officers:** Robert Dous, Sales Director; Artur Seger, President of Zahoransky USA, Inc.

**Products:** Broom and brush machines; automation; technical brush machines; toothbrush machines; packaging machines; cosmetic brush machines; injection molds; and twist-in-wire machines. 15

**Zahoransky USA, Inc.**
1601 Atlantic Drive, Suite 133
West Chicago, IL 60185 USA
Phone: 630-507-ZUSA (9872)
Fax: 331-240-2970
E-Mail: info.usa@zahoransky.com
Web Site: www.zahoransky.com

**Company Officers:** Artur Seger, President; Ulrich Zahoransky, Board Member; Robert Dous, Board Member; Vasko Naumovski, Vice President of Sales and Marketing/General Manager.

**Products:** Broom and brush machines; automation; technical brush machines; oral care machines; packaging machines; cosmetic
Happy and proud to be a part of this. Right from our first contacts, we were world-wide with the sales and service network of the Group. We are very impressed, and now it is also much easier to reach customers. The engineering power of the Boucherie-Borghi Group is further extended, now offering a most comprehensive technology. V-Air fits perfectly with this vision.

Bart Boucherie Jr., said: “We very much welcome the V-Air ‘Mannschaft’ in our Group and are happy to now have access to the V-Air technology. It complements our AFT and AMR anchorless technologies very well, and the combined experience of people of both companies can give a boost to engineering solutions and developments in the future. We are a technology company and our place is at the cutting edge of things. V-Air fits perfectly with this vision.”

“This is a new milestone for our Group,” Borghi President Enzo Ferrari said. “With V-Air, we have another company with advanced technology joining our Group, with new approaches and new ideas. With Boucherie as the biggest and most experienced supplier of anchorless brushing machinery and V-Air with its different approach to anchorless technology now together under one umbrella, we foresee that more anchorless brushing machinery will reach the market and brush makers worldwide. Our sales and customer support network is there to back up this expected growth.”


Obituary: CWP Technologies Engineer, Alfred Stegens, Dies

Alfred Harold Stegens, long-time employee of CWP Technologies, died May 19, 2015. He was born July 28, 1930. He and his wife, Lois, were the parents of three children, sons Eric (wife Gloria) and Michael, daughter Karen (husband Don), and granddaughter Erica.

Mr. Stegens began his career with CWP (Cleveland Wood Products) in 1961, and continued to work into his late 70s, creating brushroll samples for CWP customers. He held 20 patents.

Representatives of CWP said, “His brushroll designs have been used by major OEM and distributors in the entire U.S. vac market and beyond. He attacked opportunities with energy, a common sense approach and classic ‘cut-and-dried’ engineering skills. He was constantly creating new features for products thought to ‘just sweep dirt out of the carpet.’”
Gordon Brush Has New Building With Move-In Slated For This Summer

Gordon Brush President/CEO Ken Rakusin is shown with the company's new facility.

Gordon Brush has acquired a new building, three and one-half times larger than its existing facility. Gordon Brush's factory and offices will move from its current 51,000-square-foot facility at 6247 Randolph St. in Commerce, CA, where it has been for 17 years, to a 182,000-square-foot building in the City of Industry, CA, located at 3737 Capitol Avenue.

“We are in the business of expansion,” Gordon Brush President and CEO Ken Rakusin said. “We are looking for brush businesses to buy. We are buying new equipment. We are hiring new Gordon Brush family members. We are patenting new products. We have added consumer products with annual growth rates up to 500 percent. For us, it's high tide and the surf is up. It hasn't been easy,” said Rakusin. “There have been many temptations, but I feel strongly about American made goods and about staying here; I love California.

“Before the purchase of the new building, Gordon Brush tried to expand its existing building. In 2013, a Los Angeles Times article chronicled the company’s failed attempt to surf through building code bureaucracy. Gordon Brush was able to fund the new facility purchase due, in part, to tax incentives for businesses that stay in California, and through a California Industrial Development Bond coordinated by California United Bank,” according to a press release.

Gordon Brush credits its success to a commitment to three principles. President Ken Rakusin said, “Our foundation rests on customer service, which includes stocking a huge inventory and filling orders quickly; Investing in the most state-of-the-art automated equipment to produce the highest quality products bar-none; our ability to make anything and make it faster; and most importantly, investing in the best employees. We have a workforce of the most highly trained, loyal and devoted experts in the field. We have worked hard to ensure their work environment and opportunities are competitive with Fortune 500 companies.”

The new facility is undergoing a $2 million renovation. Gordon Brush will lease out its existing Commerce location. Estimated move-in date to the City of Industry facility is slated for later this summer.

Visit www.gordonbrush.com for more information.

American Power Brush Manufacturing Completes Asset Acquisition Of American Brush Co.

Power Brushes, Inc., of Toledo, OH, announces that its affiliate, American Power Brush Manufacturing, Inc., has completed the asset purchase of American Brush Company, in Portland, OR. Power Brushes, Inc. has been operating American Brush Co. under a management agreement since October 2014. The asset sale was completed May 1, 2015.

American Power Brush Manufacturing Inc. (APBMI) will operate as an independent business enterprise, with Power Brushes, Inc., supplying operational, sales, marketing and purchasing support. APBMI has both staple-set and strip brush manufacturing capability, and will continue to operate from the same location in Portland.

“This purchase both expands our brush manufacturing capability and provides us the ability to service markets and customer needs that we could not serve from Ohio,” said Tom Parseghian, CEO of Power Brushes, Inc.

American Brush Co. was founded in 1910, incorporated in 1916, and has been owned by members of the John Martin family since 1974. Power Brushes, Inc., founded in 1957, manufactures custom engineered brushes for industrial applications.


New Filmop Website Offers Information About Health Care Cleaning Systems And Sales Tools

Filmop’s new website highlights products specifically designed for health care facilities, such as Alpha ES mobile workstations; on-demand microfiber charging systems; and no-touch mopping and surface cleaning technology.

“The website’s navigation is graphically user-friendly and easily moves the visitor to product selection, videos, product information sheets, and general information about environmental services in a health care environment,” said Bruno Niklaus, vice president of sales/marketing for Filmop USA.

Filmop's new website includes user-friendly navigation.

“We designed this website to provide easily accessible, usable information about how our mobile workstations and microfiber cleaning systems address the specific cleaning needs in health care facilities so distributors and their customers are confident in purchasing decisions. There is specific guidance for products appropriate for educational facilities and general facility maintenance.”

The website features a primary drop-down navigation bar that displays the various informational pages. Featured product lines include workstations, microfiber systems, dual buckets, and specialty tools. As
industries are discussed, the site provides suggested products for specific areas within facility types, such as operating rooms in hospitals and cafeterias in educational facilities.

Users can access resources including videos, product literature, case studies, and industry guidelines. Specific health care resources include downloadable guidelines, such as the CDC Guide to Environmental Cleaning in Healthcare Facilities and links such as the Association for the Healthcare Environment’s (AHE) video on environmental cleaning training.

Filmop USA is the American division of 40-year-old Filmop Global, a manufacturer of microfiber products, ergonomically designed cleaning systems and modular EVS/Housekeeping workstations.

Visit www.filmopusa.com for more information.

**From Shurhold Industries:**

**One System For All Auto Maintenance Needs**

With Shurhold Industries’ One Handle Does It All System, users can snap over 40 different accessories to the same fixed-length or telescoping handles. Over 20 attachments are dedicated to maintenance.

“Several different brushes allow owners to get a thorough wash-down, while an angled floor broom helps sweep out the garage. Squeegee dry the entire car. Soft non-scratch scrubbers attack black streaks. If taking a drive to go fishing, Shurhold offers boating attachments, such as a net and paddle. There’s also an attachment to screw in a paint roller.

“To begin, users simply select the best handle for the application, then add the different attachments that are needed. All telescoping or fixed-length handles are made of high-strength, corrosion-resistant, lightweight aluminum,” according to the company.

The telescoping handles are available in 6- and 9-foot sizes. The 6-foot version locks at four different lengths from 40 to 72 inches, while the 9-foot version locks at five different lengths from 60 to 108 inches. Fixed-length handles are available in 13-, 30-, 40- and 60-inch sizes.

Visit www.shurhold.com/auto for more information.

**Malish Introduces**

**“The Ultimate Grill Brush”**

The Malish Corporation, a manufacturer of janitorial, foodservice and floor preparation brushes, recently introduced “The Ultimate Grill Brush.”

This product is part of the Brooms & Brushes International line recently acquired by Malish.

“Products like The Ultimate Grill Brush are a big reason why we added these products to our line. Malish has a reputation for producing the highest quality products, and these brushes certainly meet that standard,” Malish Vice President of Sales & Marketing Fred Lombardi said. “We can now say that we offer the finest quality line of grill brushes in the industry.”

The Ultimate Grill Brush features a steel hang-a-blade scraper that attaches to a 7.25-inch x 2.25-inch wooden block and a 14-inch handle. The brass trim is .75-inch L. The brush is recommended for porcelain, stainless, and cast iron grill grates.

Visit www.malish.com for more information.

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**Wooster Brush Adds 3-Packs To Silver Tip Paintbrush Line**

The Wooster Brush Silver Tip® brush line has expanded with the addition of two new Silver Tip 3-Packs.

“The blend of white and silver CT™ polyester in Silver Tip brushes virtually eliminates brushmarks. The thin, flexible ends provide leveling and smoothing qualities. The responsiveness and bend recovery of these brushes are designed for delivering sharp, single-pass cuts. They’re suited for applying enamels to metal, varnish or polyurethane on wood, and thinner water-based coatings,” said company spokespeople.

One of the new 3-packs (catalog number 5227) contains varnish-style flat brushes in 1-, 1.5-, and 2-inch sizes. Inside the variety 3-pack (catalog number 5229) are 1-inch thin angle sash, 1.5-inch angle sash, and 2-inch varnish brushes.

Wooster Silver Tip brushes are available at traditional paint and decorating centers, hardware stores, and paint sundry distributors and retailers.

Visit www.woosterbrush.com for more information.

**ABMA Accepting Nominations For 2016 William Cordes Innovation Excellence Award**

The ABMA William A. Cordes Innovation Excellence Award recognizes outstanding innovation of manufactured products, components or services in the broom, brush, mop and roller industry.

According to ABMA, “The award is named for William A. Cordes, who served as ABMA’s first president from 1917-1928. This award serves as a constant reminder that all new and exciting endeavors have beginnings that connect with real people. This award is to be an annual competition whereby any interested parties may submit nominations to ABMA during any calendar year for consideration. All nominations must be readily available in the marketplace during the year in which they are to be considered.”

ABMA President Mark Fultz said, “The ABMA Innovation Award competition is a great opportunity for companies to showcase innovative products, components and services to the industry, and to the larger audience served by customers, users and consumers. It gives the greater industry a wonderful opportunity to see just how innovative, creative and vibrant we are as brushmakers.”

Nominations will be exhibited at the 2016 ABMA Annual Convention. The 2014 award winner was Borghi’s Jupiter Machine with “e-stroke and KERS.”

Entries for the award will be accepted until November 30. The award presentation will be made at the 2016 ABMA Annual Convention to be held in March at the Hyatt Coconut Point Resort & Spa, in Bonita Springs, FL.

Visit www.abma.org/innovationexcellenceaward for more information, rules and nomination forms.
National Hardware Show 70th Anniversary

The National Hardware Show, in its 70th Anniversary, was held in Las Vegas, NV, from May 5-7. Broom, Brush & Mop visited several exhibitors at the Show.

Padco, Inc.

Padco, Inc., of Minneapolis, MN, was among the exhibitors at The National Hardware Show. The company is a domestic and international supplier of painting and home decorating tools. The company has a full line of paint applicators, rollers, small rollers, trays, poles, texture and pad brush applicators and disposable self-stick pads. Pictured, from left, are Ed Goldstein and Oscar Fernandez.

Magnolia Brush

Magnolia Brush, of Clarksville, TX, was among the exhibitors at The National Hardware Show. The company has been manufacturing all types of high quality household and industrial maintenance brushes since 1907. Pictured are Greta Moore and Glenn Guyette.

S.M. Arnold, Inc.

S.M. Arnold, Inc., of St. Louis, MO, was among the exhibitors at The National Hardware Show. The company is a manufacturer and importer of fine automotive, marine and janitorial cleaning accessories. Products include Speedy Surface Prep Towels, Mitts & Pads, brushes, brooms, wool buffing pads, sponges, sheepskin chamois, Water Sprite PVA drying towels, Microfiber towels, OnePass Water Blades and more. Pictured, from left, are Joe Arnold, Gus Klump and John Peterson.
SweepEasy, of Scottsdale, AZ, was among the exhibitors at The National Hardware Show. SweepEasy is a broom and retractable scraper all in one. The company also introduced the Aqua Camel, a self watering container which will water plants without re-filling for up to 6 months. Pictured is Dwight Sinclair.

Summerland Brush Co., of Concord, NC, was among the exhibitors at The National Hardware Show. The company offers high quality commercial and residential brushes, brooms, cleaning tools, and yard and garden tools. The company also distributes Bentley Brushware UK products in the United States. Pictured are William Bentley, Charles Bentley & Son, Ltd.; Jon Mitchell, Summerland Brush Co.; and James Bentley, Charles Bentley & Son, Ltd.

Mr. LongArm, Inc., of Greenwood, MO, was among the exhibitors at The National Hardware Show. The company exhibited extension poles and accessories.

Quickie Manufacturing Corp., of Cinnaminson, NJ, was among the exhibitors at The National Hardware Show. The company manufacturers sponge mops, dust mops, wet mops, upright brooms, dustpans, pushbrooms and squeegees, along with kitchen brushes, bathroom brushes, hand and nail brushes, feather dusters, scrubbers, scourers, sponges, latex gloves and window cleaning products. Pictured, from left, are Rick Ensslen, Scott Davis, and Antonella Seneca.
Pental Eterna Brushes & Tools Making Co., Ltd, of China, was among the exhibitors at The National Hardware Show. The company manufactures painting tools. Pictured is Su Zhen Dong.

Shur-Line, of Mooresville, NC, has offered paint application and paint-related products for do-it-yourself consumers for more than 70 years. Pictured, from left, are Patrick Brabant, Adrienne Kelsaw, and Marshall Hitchcock.

Nour Trading House, Inc., of Waterloo, Canada, exhibited Nour Handcrafted Painting Tools. Nour is a manufacturer and distributor of professional and DIY paint applicators. Pictured is Robert Shaw.

Brown’s Brushware, Ltd., of Auckland, New Zealand, was among the exhibitors at The National Hardware Show. The company is a brushware, mop and cleaning hardware manufacturer. The company exhibited its Blade Sweep with a stainless steel scraper blade, quick release lock and reversible broom head. Pictured, from left, are Murray Brown and Ukiah Brown.
Fuller Brush Co., of Napa, CA, was among the exhibitors at The National Hardware Show. The company exhibited its cleaning products. Pictured is David Sabin, president.

Butler Home Products, LLC, of Marlborough, MA, was among the exhibitors at The National Hardware Show. The company exhibited a full line of Black & Decker cleaning tools as well as branded cleaning products. Exhibited products were brooms, sponge mops, dust mops, wet mops, dust pans, dusters, sponges, household gloves and more. Pictured, from left, are Tim Young, Scott Bradshaw and George Hayes.

**New From Nexstep:**

**The Microfiber Mop Frame**

**And The Microfiber Kit**

New from Nexstep is a Quick Change™ Microfiber Mop Frame that allows hands-free removal of a soiled pad. Also new is the MaxiWash™ Microfiber Kit, which comes with a 13” microfiber pad, pad holder, and extension handle for cleaning everything from desks and whiteboards to walls and cabinets. Nexstep also has a complete MaxiPlus® Microfiber Pocket Mop system, offering a wet pocket mop pad, pocket mop frame, and extension handle.

**Nexstep Cutting Waste Through Packaging**

The company said, “Nexstep has put a lot of emphasis on cutting waste through packaging practices. It developed state-of-the-art packaging that uses a minimal amount of corrugated material. Its Flat-Pak™ mop packaging reduces the size of a standard mop carton by 45 percent while still providing outstanding product protection. All of Nexstep cartons are made of 100 percent recycled pulp. The company recently did away with all carton packaging for its corn brooms, which will now be bundled, creating even less waste.

**New Plastic Whisk Broom From Nexstep**

Nexstep Commercial Products is offering its new Plastic Whisk Broom. Features include: Feather Tip® polypropylene bristles that are ideal for sweeping the finest particles; Sanitary plastic block that will not crack, warp or mildew; an hanger hole for easy storage; and an 8-inch sweeping surface that efficiently sweeps debris.

**Nexstep Purchases Assets Of Southern Broom & Mop Co.**

Nexstep Commercial Products has purchased the assets of Southern Broom & Mop Company, in Nashville, TN, from its owner James Rollins. Southern Broom & Mop Company was a regional manufacturer of mopheads and mopsticks that carried an assortment of other cleaning products such as brooms, brushes and handles.

Southern Broom & Mop’s facility in Nashville was closed and consolidated into Nexstep’s facility in Paxton, IL. Todd Leventhal, president of Nexstep Commercial Products, said this acquisition will strengthen Nexstep’s presence in the growing Sun Belt.

Leventhal said, “Nexstep looks forward to serving all of Southern Broom & Mop’s customers and offering them the opportunity to expand their product assortment due to Nexstep’s broad product line.” Nexstep is the exclusive licensee of O-Cedar. Contact customer service at 217-379-2377 or customerservice@ocedarcommercial.com or visit www.ocedarcommercial.com for more information.
U.S. government trade figures for the first two months of 2015 indicate raw material imports were up in two categories outlined: broom and mop handles and metal handles, compared to the first two months of 2014. For February 2015, raw material imports were up in three categories outlined: hog bristle, brush backs and metal handles.

Import totals for the first two months of 2015 were up in four finished goods categories outlined: brooms and brushes of vegetable materials, hairbrushes, shaving brushes and paint rollers, compared to the first two months of 2014. In February 2015, six categories outlined recorded increases: brooms and brushes of vegetable material, hairbrushes, shaving brushes, paint rollers, paintbrushes and upright brooms.

### Raw Material Imports

**Hog Bristle**
The United States imported 13,829 kilograms of hog bristle in February 2015, up 16 percent from 11,961 kilograms imported in February 2014. During the first two months of 2015, 42,530 kilograms of hog bristle were imported, down 34 percent from 64,042 kilograms imported during the first two months of 2014.

China sent 40,780 kilograms of hog bristle to the United States during the first two months of 2015. The average price per kilogram for February 2015 was $15.12, down 45 percent from the average price per kilogram for February 2014 of $27.40. The average price per kilogram for the first two months of 2015 was $15.80, up 24 percent from the average price per kilogram of $12.75 for the first two months of 2014.

**Broom and Mop Handles**
The import total of broom and mop handles during February 2015 was 969,059, down 3 percent from 1 million for February 2014. During the first two months of 2015, 2.3 million broom and mop handles were imported, up 5 percent from 2.2 million for the first two months of 2014. During the first two months of 2015, the United States received 1.1 million broom and mop handles from Brazil, 531,740 from China and 521,988 from Honduras.

The average price per handle for February 2015 was 87 cents, up 26 percent from 69 cents for February 2014. The average price for the first two months of 2015 was 88 cents, up 11 percent from 79 cents for the first two months of 2014.

**Brush Backs**
February 2015 imports of brush backs totaled 483,698, up 17 percent from 414,360 for February 2014. During the first two months of 2015, 763,383 brush backs were imported, down 5 percent from 807,419 for the first two months of 2014.

Canada sent 408,245 brush backs to the United States during the first two months of 2015, while Sri Lanka shipped 337,906. The average price per brush back was 48 cents during February 2015, down 13 percent from 55 cents for February 2014. For the first two months of 2015, the average price per brush back was 50 cents, up 1 cent from the average price for the first two months of 2014.

**Metal Handles**
The import total of metal handles during February 2015 was 2.4 million, up 71 percent from 1.4 million for February 2014. During the first two months of 2015, 4.6 million metal handles were imported, up 53 percent from 3 million for the first two months of 2014.

During the first two months of 2015, Spain exported 2.3 million metal handles to the United States, while China sent 1.7 million. The average price per handle for February 2015 was 83 cents, down 30 percent from $1.19 for February 2014. The average price for the first two months of 2015 was 95 cents, down 19 percent from the average price for the first two months of 2014 of $1.17.

### Finished Goods Imports

**Brooms of Broom Corn Valued at More Than 96 Cents**
The United States imported 583,170 brooms of broom corn valued at more than 96 cents per broom during February 2015, down slightly from 589,932 for February 2014. During the first two months of 2015, 1.1 million brooms of broom corn were imported, down 8 percent from 1.2 million for the first two months of 2014.

Mexico shipped nearly all of the brooms to the United States during the first two months of 2015. The average price per broom for February 2015 was $2.60, up 2 cents from the average price for February 2014. The average price per broom for the first two months of 2015 was $2.50, down 2 percent from $2.56 for the first two months of 2014.

**Brooms & Brushes of Vegetable Material**
The import total of brooms and brushes of vegetable material during February 2015 was 259,632, up 140 percent from 108,028 brooms and brushes imported during February 2014. During the first two months of 2015, 693,530 brooms and brushes were imported, up 207 percent from 225,582 for the first two months of 2014.

Sri Lanka exported 404,518 brooms and brushes to the United States during the first two months of 2015, while Canada sent 163,142. The average price per unit for February 2015 was $1.30, down 29 percent from $1.83 for February 2014. The average price for the first two months of 2015 was $1.06, down 45 percent from the average price recorded for the first two months of 2014 of $1.93.

**Toothbrushes**
The United States imported 67.7 million toothbrushes in February 2015, down 5 percent from 71.4 million imported in February 2014. During the first two months of 2015, 148 million toothbrushes were imported, down 4 percent from 154.5 million imported during the first two months of 2014.

China sent 106.6 million toothbrushes to the United States during the first two months of 2015. The average price per toothbrush for February 2015 was 27 cents, up 17 percent from 23 cents for February 2014. The average price for the first two months of 2015 was 26 cents, up 18 percent from 22 cents for the first two months of 2014.

**Hairbrushes**
February 2015 imports of hairbrushes totaled 3.1 million, up 41 percent from 2.2 million for February 2014. During the first two months of 2015, 6.6 million hairbrushes were imported, up 16 percent from 5.7 million for the first two months of 2014.

China shipped nearly all of the hairbrushes to the United States during the first two months of 2015.
The average price per hairbrush was 29 cents during February 2015, up 1 cent from the average price for February 2014. For the first two months of 2015, the average price per hairbrush was 28 cents, the same as the average price for the first two months of 2014.

**Shaving Brushes**

The United States imported 9.3 million shaving brushes in February 2015, up 90 percent from 4.9 million imported in February 2014. During the first two months of 2015, 17.5 million shaving brushes were imported, up 36 percent from 12.9 million imported during the first two months of 2014.

Germany sent 8.9 million shaving brushes to the United States during the first two months of 2015, while China shipped 5 million.

The average price per shaving brush for February 2015 was 10 cents, down 29 percent from the average price for February 2014 of 14 cents. The average price for the first two months of 2015 was also 10 cents, down 29 percent from the average price for the first two months of 2014 of 14 cents.

**Paint rollers**

The import total of paint rollers during February 2015 was 6.1 million, up 74 percent from 3.5 million recorded for February 2014. During the first two months of 2015, 10.8 million paint rollers were imported, up 42 percent from 7.6 million during the first two months of 2014.

China sent 9.1 million paint rollers to the United States during the first two months of 2015, while Mexico exported 1.3 million.

The average price per paint roller for February 2015 was 42 cents, down 13 percent from the average price for February 2014 of 48 cents. The average price for the first two months of 2015 was 46 cents, down 18 percent from the average price of 56 cents for the first two months of 2014.

**Paintbrushes**

U.S. companies imported 16.1 million paintbrushes during February 2015, up 8 percent from 14.9 million paintbrushes imported during February 2014. Paintbrush imports for the first two months of 2015 were 29.1 million, down 12 percent from 33 million recorded for the first two months of 2014.

China shipped 27.5 million paintbrushes to the United States during the first two months of 2015.

The average price per paintbrush for February 2015 was 31 cents, up 11 percent from 28 cents for February 2014. The average price for the first two months of 2015 was 36 cents, up 29 percent from 28 cents for the first two months of 2014.

**Upright brooms**

The total import of upright brooms for February 2015 was 1.3 million, up 8 percent from 1.2 million for February 2014. During the first two months of 2015, 2.3 million upright brooms were imported, down 12 percent from 2.6 million imported during the first two months of 2014.

China sent 1.9 million upright brooms to the United States during the first two months of 2015.

The average price per broom for February 2015 was $1.28, down 24 percent from the average price for February 2014 of $1.69. The average price per broom for the first two months of 2015 was $1.44, down 9 percent from $1.58 for the first two months of 2014.

**Exports**

Export totals for the first two months of 2015 were up in three categories outlined: broom and brushes of vegetable materials, artist brushes and paintbrushes.

In February 2015, four categories outlined reported increases: brooms and brushes of vegetable materials, shaving brushes, artist brushes and paintbrushes, compared to February 2014.

**Brooms & Brushes Of Vegetable Materials**

The United States exported 6,333 dozen brooms and brushes of vegetable materials during February 2015, up 112 percent from the February 2014 total of 2,999 dozen. Exports of brooms and brushes of vegetable materials during the first two months of 2015 were 9,677 dozen, up 2 percent from 9,521 dozen for the first two months of 2014.

The United States sent 3,872 dozen brooms and brushes to Canada during the first two months of 2015.

The average price per dozen brooms and brushes was $36.80 in February 2015, down 12 percent from $42.02 for February 2014. The average price per dozen brooms and brushes for the first two months of 2015 was $38.90, up 9 percent from $35.76 for the average price per dozen for the first two months of 2014.

**Toothbrushes**

During February 2015, the United States exported 11 million toothbrushes, down 5 percent from the total recorded in February 2014 of 11.6 million. During the first two months of 2015, 23.1 million toothbrushes were exported, down 9 percent from 25.5 million exported during the first two months of 2014.

The United States exported 6 million toothbrushes to Canada during the first two months of 2015, while sending 5.2 million toothbrushes to Mexico and 4.2 million to Germany.

The average price per toothbrush for February 2015 was 55 cents, up 8 percent from 51 cents for February 2014. The average price per toothbrush for the first two months of 2015 was 53 cents, up 18 percent from 45 cents for the first two months of 2014.

**Shaving Brushes**

The United States exported 943,637 shaving brushes during February 2015, up 30 percent from 727,005 shaving brushes exported for February 2014. During the first two months of 2015, 1.8 million shaving brushes were exported, down 40 percent from 3 million during the first two months of 2014.

Brazil imported 838,366 shaving brushes from the United States during the first two months of 2015, while Canada received 366,672, and Mexico was sent 163,744.

The average price per shaving brush for February 2015 was $1.17, down 43 percent from the average price for February 2014 of $2.06. The average price for the first two months of 2015 was $1.21, up 21 percent from $1 recorded for the first two months of 2014.

**Artist Brushes**

February 2015 exports of artist brushes totaled 926,574, up 12 percent from the February 2014 total of 829,943 artist brushes. During the first two months of 2015, 1.8 million artist brushes were exported, up 20 percent from 1.5 million for the first two months of 2014.

Canada received 1.2 million artist brushes from the United States during the first two months of 2015.

The average price per artist brush was $2.51 during February 2015, up 2 cents from the average price for February 2014. For the first two months of 2015, the average price per artist brush was $2.54, down 17 percent from the average price for the first two months of 2014 of $3.05.

**Paintbrushes**

The export total of paintbrushes during February 2015 was 170,377, up 75 percent from 97,196 for February 2014. During the first two months of 2015, 253,210 paintbrushes were exported, up 38 percent from 182,947 during the first two months of 2014.

Canada imported 122,907 paintbrushes from the United States during the first two months of 2015.

The average price per paintbrush for February 2015 was $9.91, down 51 percent from $20.22 for February 2014. The average price for the first two months of 2015 was $11.85, down 36 percent from $18.54 recorded for the first two months of 2014.
## Domestic Merchandise

1404920000 Broomcorn (Sorghum Vulgare Var. Technicum) Used Primarily In Brooms Or In Brushes, Whether or Not In Hanks or Bundles

<table>
<thead>
<tr>
<th>Country</th>
<th>February Net Q/Ton</th>
<th>Year To Date Net Q/Ton</th>
<th>Value</th>
<th>Value</th>
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<td>376,446</td>
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<td>364,486</td>
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<td>7,000</td>
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<td>812,651</td>
<td>356,486</td>
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<td>76,522</td>
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<td>3,360</td>
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<tr>
<td>Russia</td>
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<td>15,252</td>
<td>8,501</td>
<td>8,501</td>
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<tr>
<td>Italy</td>
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<td>27,300</td>
<td>5,100</td>
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<tr>
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<td>35,076</td>
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## 9603100000 Brooms & Brushes, Consisting of Twigs or Other Vegetable Materials Bound Together, With or Without Handles

### Data for February

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<th>Country</th>
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<tr>
<td>Belgium</td>
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<td>11,891</td>
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<tr>
<td>Spain</td>
<td>7,010</td>
<td>13,749</td>
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### Data for Year To Date

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<td>Germany</td>
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## 9603290000 Shaving Brushes, Hairbrushes, Nail Brushes, Eyelash Brushes & Other Toilet Brushes For Use on the Person

### Data for February

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### Data for Year To Date

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<td>Chile</td>
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### Data for Year To Date

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<th>Value</th>
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<tr>
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<tr>
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96033000000 Artists Brushes, Writing Brushes and Similar Brushes for the Application of Cosmetics

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<th>Year To Date</th>
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<tr>
<td>Austral</td>
<td>10,720</td>
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<td>Rep Saf</td>
<td>362</td>
<td>7,444</td>
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<tr>
<td>TOTAL</td>
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960340420 Paint Pads

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<tr>
<td>Brazil</td>
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<td>3,034</td>
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<tr>
<td>Arget</td>
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<td>5,387</td>
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<tr>
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<td>15,070</td>
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<td>Spain</td>
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9603404050 Paint, Distemper, Varnish or Similar Brushes (Except Brushes of 9603.30)

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<th>Year To Date</th>
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<td>3,034</td>
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<tr>
<td>Arget</td>
<td>1,144</td>
<td>5,387</td>
</tr>
<tr>
<td>Falk Is</td>
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<td>15,070</td>
</tr>
<tr>
<td>Spain</td>
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96034020000 Paint Rollers

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<td>Rep Saf</td>
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960340200 Paint Rollers

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<td>Austral</td>
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<td>28,787</td>
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<td>7,444</td>
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<tr>
<td>TOTAL</td>
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<td>1,102,371</td>
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</table>
### Hand-Operated Mechanical Floor Sweepers, Not Motorized, Mops & Feather Dusters; Prepared Knots & Tufts

**Country** | **Net Q/No.** | **Value** | **Net Q/No.** | **Value**
--- | --- | --- | --- | ---
Canada | 202,533 | 2,320,017 | 451,460 | 4,703,083
Mexico | 53,088 | 610,170 | 102,201 | 1,232,048
Guatemala | 1,414 | 18,193 | 1,699 | 16,099
Salvador | 707 | 9,852 | 707 | 9,852
Honduras | 408 | 2,733 | 315 | 6,442
Nicaragua | 1,960 | 6,197 | 6,337 | 48,934
Panama | 4,895 | 71,777
Bahamas | 185 | 8,956 | 2,030 | 15,459
Jamaica | 250 | 4,437 | 250 | 4,437
Cayman Islands | 195 | 3,170 | 1,416 | 16,923
Dominica | 193 | 3,123 | 193 | 3,123
Bermuda | 211 | 3,776 | 211 | 3,776
Trinidad & Tobago | 597 | 6,959 | 597 | 6,959
Curacao | 72 | 5,304
Colombia | 4,447 | 72,482 | 4,618 | 84,426
Venezuela | 22,440 | 225,911 | 24,203 | 254,111
Ecuador | 1,943 | 10,692 | 4,073 | 15,801
Peru | 4,690 | 39,896 | 5,894 | 65,751
Chile | 1,085 | 17,617 | 2,356 | 40,604
Brazil | 2,816 | 89,460 | 4,404 | 116,011
Paraguay | 11,204 | 32,724
Argentina | 1,022 | 16,575
Iceland | 402 | 7,792 | 785 | 14,004
Sweden | 1,453 | 23,569 | 1,603 | 31,389
Norway | 897 | 9,743 | 897 | 9,743
Denmark | 625 | 10,135
United Kingdom | 26,322 | 132,829 | 32,591 | 202,886
Ireland | 533 | 24,000 | 1,188 | 34,626
Netherlands | 1,165 | 7,486 | 5,284 | 24,226
Belgium | 9,619 | 61,760 | 16,377 | 173,161
Luxembourg | 330 | 16,130 | 330 | 16,130
France | 121 | 8,109
Germany | 5,972 | 91,718 | 8,110 | 129,716
Switzerland | 1,359 | 25,675 | 1,359 | 25,675
Russia | 1,320 | 6,371 | 1,656 | 9,032
Kazakhstan | 300 | 4,858 | 300 | 4,858
Spain | 233 | 3,772 | 1,433 | 18,123
Portugal | 530 | 3,045
Italy | 2,065 | 30,831 | 2,952 | 45,217
Turkey | 1,255 | 12,372 | 1,476 | 15,954
Lebanon | 720 | 4,400
Israel | 1,080 | 13,254
Jordan | 1,332 | 21,600 | 1,332 | 21,600
Kuwait | 3,812 | 56,632 | 3,812 | 56,632
Saud Arabia | 4,814 | 65,349 | 11,190 | 168,765
Qatar | 350 | 2,980 | 650 | 5,863
Arab Emirates | 7,325 | 63,745 | 10,269 | 91,141
Afghanistan | 350 | 4,813 | 350 | 4,813
India | 297 | 4,815 | 2,820 | 45,733
Pakistan | 428 | 5,116 | 428 | 5,116
Thailand | 459 | 9,079
Vietnam | 513 | 10,574 | 1,900 | 33,074
Malaysia | 285 | 4,624 | 2,236 | 51,241
Singapore | 662 | 11,143 | 7,383 | 87,721
Philippines | 5,156 | 50,620 | 5,337 | 53,560
China | 6,108 | 98,426 | 13,194 | 182,473
Korea Republic | 6,680 | 31,486 | 8,680 | 42,351

**Imports**

- **February 2015**
  - **Value**
    - **Hg Kong** | 9,995 | 170,919 | 20,286 | 247,442
    - **Taiwan** | 1,183 | 19,202 | 3,053 | 46,815
    - **Japan** | 13,534 | 173,833 | 255,657 | 3,916,066
    - **Australia** | 15,352 | 176,298 | 18,403 | 197,317
    - **New Zealand** | 1,026 | 6,764 | 2,733 | 20,066
    - **Morocco** | 975 | 6,435 | 975 | 6,435
    - **Egypt** | 3,312 | 20,808
    - **Togo** | 850 | 15,360
    - **Gabon** | 2,310 | 37,462 | 2,310 | 37,462
    - **Rep. Samoa** | 3,924 | 24,548 | 4,084 | 27,145
    - **TOTAL** | 438,550 | 4,946,803 | 1,091,685 | 12,960,718

- **February 2016**
  - **Value**
    - **Hg Kong** | 9,995 | 170,919 | 20,286 | 247,442
    - **Taiwan** | 1,183 | 19,202 | 3,053 | 46,815
    - **Japan** | 13,534 | 173,833 | 255,657 | 3,916,066
    - **Australia** | 15,352 | 176,298 | 18,403 | 197,317
    - **New Zealand** | 1,026 | 6,764 | 2,733 | 20,066
    - **Morocco** | 975 | 6,435 | 975 | 6,435
    - **Egypt** | 3,312 | 20,808
    - **Togo** | 850 | 15,360
    - **Gabon** | 2,310 | 37,462 | 2,310 | 37,462
    - **Rep. Samoa** | 3,924 | 24,548 | 4,084 | 27,145
    - **TOTAL** | 438,550 | 4,946,803 | 1,091,685 | 12,960,718
<table>
<thead>
<tr>
<th>Country</th>
<th>Net Q/Variable</th>
<th>February</th>
<th>Year To Date</th>
</tr>
</thead>
<tbody>
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**7326908576 Metal Hands For Brooms, Mops, Paint Applicators**

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**BBM Magazine | May/June 2015**
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### 9603294010 Hairbrushes, Valued Not Over .40 Each

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### 9603294090 Shaving Brushes, Nail Brushes, Eyelash Brushes & Other Toilet Brushes For Use On The Person, Valued Not Over .40 Each

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Raw materials remain key underlying components of mops, brushes, brooms and other cleaning tools. The growth of these tools is dependent on a healthy supply of raw materials. Two industry suppliers recently discussed different issues taking place on the raw material front.

Jones Companies, Ltd., of Humboldt, TN, supplies a large variety of yarns specifically engineered to meet performance requirements of the floor care industry. According to Jones Companies Vice President of Sales & Marketing Andrew Dailey, primary raw materials that the company uses for yarn production include “waste” byproducts from the textile industry. The byproducts arrive from a variety of places within the supply stream such as cotton gins, textile mills and processors. Jones Companies also uses synthetic raw materials, whether virgin or from recycled plastic bottles.

Along with different yarn varieties, Jones Companies also supplies the mop industry with mop tape, headband mesh and sewing thread; and provides such allied products as floor pads, microfiber mops and microfiber towels.

Despite the fact that today’s cotton mop yarn comes from textile mill waste or gin motes rather than virgin cotton, the current price of raw cotton still impacts the mop yarn industry. Mop yarn prices often move up and down with cotton prices.

Dailey said that cotton prices could increase during the upcoming late summer and early fall U.S. cotton harvest due to greater demand for high grade cotton fiber.

“Fluctuations in cotton fiber prices for the remainder of the year should follow the normal ups and downs that occur seasonally. Even though fiber prices may increase some in late summer and early fall, we believe that yarn prices will remain stable,” Dailey said.

Dailey also sees overall stability ahead for various synthetic raw materials used in mop production, such as polyester and rayon.

“There is a tendency to equate the price of gasoline with the price of polyester and other synthetic fibers. This is because these fibers are petroleum-based,” Dailey said. “Historically, the price of gasoline would be a good indicator. However, I don’t think there is currently a true understanding of gas prices compared to the price of oil. Current oil prices have remained steady while gas prices are inching up. I feel it’s more important to pay attention to the price of oil right now when looking at synthetic fiber price projections.”

Reporting on the supply of pine handles from the Central American country of Honduras was Amerwood Division Manager Wayne Pringle, located in Evant, TX. These handles are used for such items as brooms, mops, sanitary supply products and paint rollers.

“The current supply of our raw material from Honduras is good, and I don’t see anything in the near future that would dramatically change this supply outlook,” Pringle said. “Honduran pine, which has similar characteristics as southern pine, is hard, durable and strong. A lot of people use it in place of hardwood, especially if hardwood becomes difficult to get and/or high in price.”

As June approaches, so does the annual rainy season in Central America. This usually takes place from June to November, coinciding with the North American hurricane season.

“Rains often develop daily, even in the more arid parts of Honduras. The country features tropical vegetation along the north and south coasts, while the mountainous center region is where the pine grows,” Pringle said. “There are Honduran suppliers who still rely on the air drying method for wooden squares before the squares are put through a dowel machine. Obviously, this process slows during the rainy season.

“Many of our suppliers now use drying kilns, which cut down drying times. This lessens the challenge of the rainy season pertaining to our handle supply. However, there still can be logging issues during this time of year, due to wet conditions and muddy roads. Some years are worse than others. Last year’s rainy season in Honduras was not too bad.”

The use of dry kilns also help guard against blue stain, according to Pringle.

“Blue stain is caused by a fungus that gets into harvested lumber when logs are allowed to stay wet too long. The biggest problem is streaks that appear in the wood,” he said. “It really doesn’t influence the strength of a handle too much, unless rotting occurs. The main issue is appearance. It doesn’t look good when a broom or mop displayed on a retail shelf has blue stain in the handle.”

Pringle added that he has noticed more competition taking place as of late for Honduran pine.

“I think we are going to see prices slightly increase in the near future because of this added competition, but I don’t foresee any big price jumps,” he said.
Monahan Filaments & Brush Fibers, Inc.
Engineering Creative Solutions Together