ABMA Innovation Award Nominations for 2017

The American Brush Manufacturers Association (ABMA) is pleased to announce the following candidates for the coveted William Cordes Innovation Excellence Award, which is given to recognize outstanding innovation of manufactured products, components or services in the Broom, Brush, Mop and Roller Industry. The award is named after William Cordes, who served as the Association’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. The 2017 candidates are listed below:

Boucherie Borghi Group OVALE

In 2016 at the INTERBRUSH Exhibition in Freiburg, Germany, for the first time in history, the Boucherie Borghi Group introduced one of their newest innovations named “OVALE” (which means “oval” in Italian as the machine
works in an oval layout). This is the first ever double-head, staple-set brush manufacturing machine for manufacturing larger sized brushes such as household products and janitorial products running fully automatically (drill, fill, trim, flag, eject finished brush) without ever stopping the drilling and filling process! ZERO INDEX TIME! The machine is revolutionary in that it has many desirable features such as five (5) axes of motion, continuously drilling and filling for higher output WITH NO INDEX TIME on most brush models. There is a very quick and easy to load brush/broom block conveyor feeder that automatically orients the blocks, robots for loading the blocks into the carriages, electronic trimming and flagging by means of servomotors and excellent accessibility for change-over and maintenance. This is all achieved thanks to an innovative design where the brush carriages that carry the brush/broom blocks are completely independent of one another as they run around an oval track from one work station to the next. The operator workspace is kept compact with a well thought-out layout which adds to the overall efficiency and safety of the machine. Running up to 600 RPM continuously, means reaching the incredible tufting speed of up to 1200 tufts per minute for larger sized broom and brush products!

Universal high-output double header

The Ovale is a truly revolutionary machine in so many aspects: very universal with 5 axis CNC control, continuously drilling and filling for a higher output, a very quick and easy to fill handle feeding conveyor, electronic trimming by means of servomotors, and excellent accessibility for change-over and maintenance. The operator workspace is kept compact, with a well thought-out layout, which adds to the overall efficiency and safety of the machine.

HIGHLIGHTS

Very high output: **no index time** on many brush models and high tufting speed of up to 1200 tufts per minute

Numerically controlled, electronic trimming station (no profiled trimming units or patterns required)

Universal handle feeder conveyor with orientation feature and automatic positioning available

Available for brooms up to 62 cm, toilet brushes and dish brushes, with easy to change brush holders.

TECHNICAL DATA

Axes: 5
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**Freudenberg Household Products**

**O’Cedar EasyWring Spin Bucket & Mop**

A revolutionary new spin bucket and microfiber mop for deep cleaning, easier wringing, quicker drying.
Telescopic Handle with Adjustable Length from 33 to 51 Inches Making it Compact and Easy to Store.

Features and Benefits
High Quality Foot Pedal for Spin Wringing

Activation

Easy Activation. Simply Push Down to Spin
Hands Free Wringing. No Bending Down

Funnel Device to Ease Mop & Fringes Introduction
in the Wringer Cage

Funnel Device Acts as Splash Guard to Avoid any
Water Splashes While Wringing
100% Microfiber Mop

Ideal for Tough Dirt, Dust & Hair Removal. Super Absorbant

Machine Washable Up to 10 Times

Triangular Shaped head for Perfect Corner Cleaning TX Handle and Flexible Head to Clean hard to Reach Areas such as Under Furniture

Works on All Types of hard Floor Surfaces, such as Wood, Tile, Laminate, Marble, Linoleum
3 Key Benefits – Combination of Performance and Convenience

1. Convenience.
No Bending Down. No Wet hands

2. Performance
Optimal Cleaning Power and Absorbency

3. Convenience and Performance
Easy Foot Pedal Activation. Total Moisture Control. Ideal for All Hard Floors
40% of plastic components are produced using recycled post industrial and post consumer waste!!!
The Malish Corporation – Sonic Scrub

Malish introduces SONIC SCRUB ... A revolutionary brush that outlasts floor pads more than 20 to 1, saving you time and money!

SONIC SCRUB is a brush designed specifically for the oscillating floor machine industry. This innovative, patent pending design from Malish, is tufted with polypropylene & durable nylon filament. Start saving hundreds by purchasing the new SONIC SCRUB floor brush!

This patent pending, rectangular, lightweight, deep cleaning brush is specifically designed for oscillating floor machines. Sonic Scrub offers significantly longer life expectancy than standard pads and are therefore more cost-effective and efficient.

Sonic Scrub is tufted with polypropylene (.040" diameter) and durable nylon (.016"diameter) filament. The dual filament construction combines to create superior scrubbing action ideal for deep grout lines.
and uneven floor surfaces on ceramic, quarry, concrete and terrazzo floors. The universal design fits all 14” x 20” oscillating floor machines: stick, walk-behind, and riders.

Installation and removal is easy thanks to the quick-change design. One simply needs to align and press the hook-and-loop backed brush on to the machine’s drive plate engaging the hook-and-loop material. Removal simply requires pulling the pre-molded brush tabs.

To learn more about Sonic Scrub visit www.malish.com/sonicscrub
The Mill-Rose Company – Power Deuce

The Plumbing Industry is and always has been fairly rudimentary when it comes to cleaning copper fittings and tubing for the purpose of soldering the joint. It has been forever a process using tools like the twisted wire fitting brush, abrasive cloth, abrasive pads, tube brushes, etc., all performed manually. In addition, this practice has also been a time-consuming, labor-intense method with predictable long-term physical wear and tear on the hands of the user.

The innovative “Power Deuce” is a quantum leap forward. It is an all-in-one solution that affords the plumber the ability to clean the same diameter of the fitting and the tube using a single tool.

It consists of two brushes; an inside brush for cleaning the tube and an outside brush for cleaning the fitting. Both are encased in a durable ABS housing with an attached metal shank that chucks into a cordless drill.

By simply extending the housing for cleaning the tube or retracting it for cleaning fittings, the Power Deuce is a two-in one cleaning tool and a “dream come true.” The power of the drill displaces the manual method and totally eliminates the physicality of cleaning thousands of fittings and tube ends. Even more impressive is the reduction in the hours of labor required to accomplish this the old-fashioned way. The Power Deuce can reduce labor time by more than 50%. That is significant to a contractor who is assembling hundreds of fittings to tube in a residential water system and thousands in a commercial one.

The Power Deuce is designed to clean thousands of fittings and tube ends. With the durability and time-savings it offers, it is more economical in the long run than the old-school method...not to mention the wear and tear on the hands!

The Power Deuce is available in three individual sizes; ½”, ¾” and 1”, or in a handy kit called the “Power Pack” which features all three sizes and a “Quick Chuck” adapter for the plumber’s cordless drill.

The Power Deuce …"Application and Innovation" a brushing tool from The Mill-Rose Company.
Monahan Partners is proud to announce a new lower cost version of its Freight Buster friction fit multi-piece handles - made from sections of metal handles. We think the ability to pack cleaning tools in smaller boxes is a trend, and our Freight Buster handles enable our customers to ride this trend.

Consider this: UPS has a surcharge for packages over 48" long. This surcharge is $10.50 for 2" x 2" x 48 plus inch box shipped from Arcola to the West Coast. Monahan Partners has developed and applied for a patent for a friction fit, multi-piece handle - called appropriately, the FREIGHT BUSTER - made from standard metal handles. This new design will save you this surcharge - not only single packs - but also dozen packs. Freight Buster handles ship in multiple pieces and are easily assembled by putting the pieces together and tapping firmly on the floor. Once together, they will not come apart in normal usage.

The potential freight savings are quite significant, without counting the nice space savings in your warehouse, your customer's storage, and in shelf space - think Swifter. In round numbers, these new handles are about $.60 more each than fixed length handles. So, who wouldn't trade a $.60 increase in a single handle for a $10.50 saving in freight? Who wouldn't trade a 12 pack increase of $7.20 (12 x $.60) for a $10.50 saving in freight plus all the other space savings?

These FREIGHT BUSTER handles are a Monahan Partner exclusive and evidence that indeed, We're In This Together.

For box size, the actual length of the individual pieces depend on the assembled length and the number of pieces you wish. For example, a two piece 48" assembled handle will be the total length divided by 2 plus 1 3/4 inches for overlap - or 25 3/4" per piece. And for a 60" total length 3 piece handle - divide by 3 and add 1 3/4" for overlap - or 21 3/4" per piece.

We can make any length final assembly fit into any size box. For example, a 60" finished length handle can be made to fit into a 12" box. Think about it. Let's talk. Samples available upon request.
These unique and innovative products will be on display at the 100\textsuperscript{th} Annual ABMA Convention, March 22-25 at the Hyatt Grand Cypress in Orlando, FL. Please visit: http://www.abma.org/ for additional membership and convention information.

For additional information, please contact:
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