

Multi-Bros

Custom-Designed Brushes



We turn ideas into reality.

Imaginative *Brush Designs and Applications*

Unique Specialty Brushes.

Brushes of one kind or another touch virtually everything in life. Everything we come in contact with at home or work has been sanded, polished, painted, combed or in some way fashioned or fabricated by brushes. You know about toothbrushes and hair brushes, but you may not know about Mill-Rose "Un-brushes", the customized bristle tools used throughout industry to solve engineering, design and production problems.

Static Dissipation

Static dissipating brushes using Thunderon SS-N bristle material are also available from Mill-Rose. This unique fiber dissipates static electricity from computers, copiers, fax machines and electronic circuitry, or anywhere paper, film or fibers are utilized. The exceptional discharge properties of Thunderon SS-N also help prevent accidents caused by electrical discharge.



Microbial Fuel Cell

Mill-Rose is a leading manufacturer of scientific-grade carbon fiber brushes used in microbial fuel cells that generate electricity from bacteria in waste-water. These brushes help generate electricity from a renewable resource and help clean waste water!



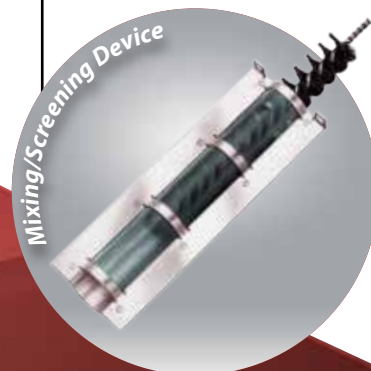
Reversible Side-Action Honing Tool

Nylon fibers impregnated with aluminum oxide or silicon carbide abrasive hone and polish cylinders and piston housings. May be tapered or configured to hone multiple surfaces at the same time.



Mixing/Screening Device

Used to recover and recycle toner in office copy machines, this agitator separates toner that has a tendency to become compact, and forces it through a screen. Brushes can be used anywhere powder and other materials require agitation.



Hundreds of different Mill-Rose Un-brush designs are at work; each one providing a unique solution to designer's needs. You'll find Mill-Rose Un-brushes used in vibration control, materials handling, portion control and equally diverse applications where off-the-shelf brushes simply don't work.

When you can't find the brush you need, call Mill-Rose.

440.255.9171

We're continually designing new brushes.

MILL-ROSE



Humidifier



Moisture Disbursement

Used in a humidifier, Mill-Rose twisted-in-wire Nylon bristles slowly rotate, picking up droplets of water, which are then disbursed in a warm-air heating system

Continuous Applicator



Continuous Applicator

Lubricants, paint and / or liquids can be applied continuously when fed through a tube attached to a Mill-Rose applicator brush. A wide range of bristle material can be used, depending on the viscosity of the liquid being applied and the liquid's rate of flow.

Multi-Action Deburring



Multi-Action

Mill-Rose brushes can be uniquely configured to accomplish multiple tasks at the same time, whether cleaning, deburring or polishing.

Medical Applications



Medical

Mill-Rose medical brushes and wire forms are used for cytology sampling (disposable and reusable), instrument cleaning, and other medical and dental applications requiring micro brushes.



You can design your own Brush

Materials are an important part in the manufacture of twisted-in-wire

brushes. Metals available include steel, stainless steel, copper, brass, nickel, silver, titanium and even gold, ranging in size from .002 through .030 in increments of .001. Vegetable fibers include tampico, bassine, palmetto, palmyra and more. Synthetic materials include nylon, polyethylene, styrene, Herox, Tynex, polypropylene and most other man-made fibers. Select increments as small as .001. If you design or conceptualize it, Mill-Rose can make it.

Let us design a Brush for you!

Mill-Rose specializes in making custom brushes used in new and unique applications. This may require modifying one of the thousands of standard and not-so-standard brushes we manufacture on a regular basis. It's easy. Send us a sketch of your brush or tell us what you need and we'll take it from there. Our full-service engineering department will work with you to develop a prototype. It's that easy. Just call 216.255.9191 to get us started.



Standard Brushes for Industry



Heavy-Duty Brushes.

These brushes are beefed up to withstand the rigors of power tools, drills and drill presses. Handles are double-strand heavy-gauge wire, ending in a smooth stem to chuck readily in a power tool.



Side-Action Brushes

Most effective on threaded holes, side-action brushes have extremely dense bristles to clean the inner walls of tubing and cylinders. The concentration of bristles provides a high degree of bristle stiffness with minimal flexing of bristles during operation.



Plumbing Cleaning Brushes

Multi-purpose utility brush available in different diameters. Specifically designed to clean copper tubing and fittings prior to soldering.



Abrasive Brushes

Abrasive tube brush designed for cleaning and deburring holes drilled in close tolerance metallic and non-metallic parts. These brushes are flexible, deliver long-lasting performance and available with silicate or aluminum oxide bristles.



Condenser Tube Brushes.

Condenser and heat exchanger brushes offer long wear life and are available in four bristle materials; high carbon steel, stainless steel, brass wire and nylon.

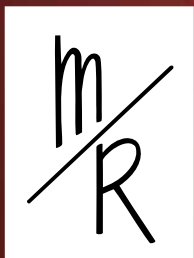


Miniature Brushes

Miniature brushes are supplied in a full range of bristle materials to deburr, clean and slightly ream very small holes and cavities. Sturdy loop handles makes them easy to use.

Mill-Rose specializes in making custom brushes used in new and unique applications. This may require modifying one of the thousands of standard and not-so-standard brushes we manufacture on a regular basis. If your custom brush requirement calls for a completely new design, we can take your idea and turn it into reality, making it from any material the job calls for.

We design, engineer and manufacture standard and custom brushes in any quantity. Mill-Rose has set the standard for quality, performance, and innovation in brush technology for the past 100 years. Call or visit MillRose.com.



MILL-ROSE

7995 Tyler Blvd., Mentor, Ohio 44060

440.255.9171 • 800.321.3598 • info@millrose.com • millrose.com