

Industrial Vacuum Cleans Big Messes

Big Brute industrial vacuums have been helping farmers, manufacturers, and many others clean up all kinds of messes in Europe for more than 40 years. About 7 years ago, Tom Cullen brought the British-built vacuums to the U.S.

"It's very simple but very powerful. It's a workhorse," says Cullen, owner of Total Clean Technologies in Danvers, Mass. He spent about a year adapting the vacuum's voltage to work in the States. A Tennessee manufacturer makes the three air-cooled, 3,200-watt motors (totaling about 2 hp.) that go into each vacuum, which is also UL-certified and OSHA-approved.

The U.S. models are called Big Mike, named after Michael Williams, the inventor.

"Big Mike uses single phase power, and it pulls 100 in. of water column with just 18 amps (110 volt and 11 amps in 220 volt). It'll vacuum up 255 bushels of corn in 3 1/2 hours. Customers use them to clean railyards, silos and grain pits," Cullen says. "They're also used in warehouses and ball bearing facilities, and to clean up messes when processing meat and other foods."

Big Mike comes in dry and wet & dry models with heavy-duty 55-gal. steel drums and a hose long enough to clean out a grain bin from the top (hoses come in 10, 15, 33 and 50 ft. lengths). That makes it much easier and safer for ag workers. The available hand tool kit is excellent for spot-cleaning walls, ceilings, tight spots, and any type of machinery.

Cullen notes his best seller is the Warehouseman (starting at \$4,640), which has a 28-in. floor brush in addition to the hose. It and other dry models have filters



Big Mike vac has three 3,200-watt motors and can vacuum up 255 bushels of corn in 3 1/2 hours.

that should be cleaned after every use to help them last longer. That's about all the maintenance the vacuums need, Cullen says. He shipped 14 to the Alaska Department of Transportation to clean up ice and dirt on floors and sumps where trucks are parked. Another vacuum was purchased by the Navy to go to Pearl Harbor.

Vacuums designed to suck up water and oil don't require filters. The filled tank can be drained with a 2 1/2-in. outlet to a hose or poured out. A couple of models have a base that opens to dump. With an interceptor lid, used oil and other liquids can be transferred to drums for easy disposal.

Contact: FARM SHOW Followup, Total Clean Technologies (Big Mike USA), P.O. Box 268, Danvers, Mass. 01923 (ph 877-848-1115; info@bigmikevac.com; www.bigmikevac.com).

Easy-To-Use Engine Paint Kit

The Motor Coater Kit from KBS Coatings has everything you need to clean and then paint an engine, so it looks brand new.

The kit comes with KBS Klean to wash away gunk, RustBlast to get rid of rust and corrosion, and Motor Coater, a durable engine enamel. Available in 39 colors, the high-performance and high-gloss paint can handle temperatures of up to 450 degrees and is impervious to oil and gas.

"KBS Klean and RustBlast provide a professional preparation ensuring maximum adhesion and durability," says Randy Tomak, KBS.

The warmer the water used, the more effective KBS Klean is. The ratio of water to the water-based, biodegradable cleaner depends on how soiled the surface is and the type of metal being cleaned. Heavy-duty cleaning may require soaking for 24 hrs. or more.

Once the surface has been cleaned, rinsed and dried, coating it with RustBlast dissolves rust, corrosion, metal oxides, and tarnish from most metal surfaces, including rust from chrome surfaces. It etches the surface and leaves behind a zinc phosphate pre-primer coating. It also enhances welding conductivity.

Once the surface is clean and prepped, a single application of Motor Coater will cover the surface. The self-leveling paint can be brushed on, rolled on, or sprayed on for a smooth finish. However, Tomak advocates doing two coats.

"Two light coats are always better than one heavy coat," he says.

The kit also includes #1 Thinner to use with spray applications (non-aerosol) of Motor Coater. The kit is priced at \$64.95 with a pint of Motor Coater.



KBS Coatings kit comes in 39 colors and can handle oil, gas, and high temps.



Visit the KBS website for videos, guidelines, technical information, and directions on the use of the company products. All products are made in the U.S.

"Our sales staff can answer most questions, or call me at extension 123," says Tomak.

Contact: FARM SHOW Followup, KBS Coatings, 1101 Cumberland Xing #180, Valparaiso, Ind. 46383 (ph 219-263-0073; toll-free 888-531-4527; www.kbs-coatings.com).

Where To Buy High-Quality Sawblades

Diamond Saw Works offers a wide variety of high-quality saw blades under their Sterling Saw Blades brand. That alone would be enough to draw saw blade users to the company website. However, even if you don't need a new saw blade, the site is worth visiting. The 132-year-old company offers visitors a wide variety of technical guides, troubleshooting and how-to videos for the selection, installation, and best practice use of every type of saw blade.

"We work hard to make sure people get what they need," says Brian Clark, general sales manager, Diamond Saw Works.

The employee-owned company manufactures everything they sell at its factory in Chaffee, N.Y. The expertise they offer comes from a history of innovation.

"Early on, the company introduced the Broach Tooth design that varied the blade from fine pitch to more course," says Clark. "It was unique to our blades and kept the company alive through the depression. Later, we invented varied tooth pitch saw blades and held that patent until the early 1970's. Now everyone makes them."

Another source of expertise is the employees. Clark is in his 36th year with the company, having started out heat-treating carbon bandsaw blades. He isn't just selling saw blades; he has made them.

"We started in 1890 making power hacksaw machines for use with line shafts," says Clark. "Eventually, saw blades replaced the machines. Today we make all types of blades for jigsaws, reciprocating saws, power hacksaw blades, and portable bandsaws. Our bandsaw blades range from 3/16 to 3 in. widths. We have four warehouses around the country where we cut and weld bandsaws. Our bread-and-butter is metal cutting bandsaw blades, but we also sell into



Diamond Saw Works hole saw blades with bits.

the woodworking market, from benchtop to portable."

Blades of seemingly every type of tooth design, coating, and treatment are available. Specialty blades include fire and rescue, demolition, splinter-free cuts in fiberglass, wood and plexiglass, as well as clean cuts in cast iron, brick, stone and more. The company even offers a Pallet Reclaim Collection with blades designed for pallet dismantling with bandsaws and reciprocating saws. The company cites a specially modified wave set pattern that reduces the force needed to cut through pallets. This prolongs blade life and reduces operator fatigue.

Other help and support FAQs cover when to use a bi-metal or carbon blade, broach tooth or posi-tooth, and why a break-in procedure is important to a bandsaw blade.

"When the redesign is finished, we'll be adding some new how-to videos," he says. "In the meantime, give us a call if you have any questions. If you need a blade, we can direct you to our nearest distributor or bandsaw cut and weld warehouse."

Contact: FARM SHOW Followup, Diamond Saw Works, 12290 Olean Rd., Chaffee, N.Y. 14030 (ph 800-828-1180; sales@diamondsaw.com; www.diamondsaw.com).



Maximum light height is 9 ft. 9 in., which produces more than 500 lumens of light in a 10 ft by 10 ft. area.

This Might Be The Perfect Work Light

The Boomlight was originally invented as a way to light up booths at a trade show event.

The mobile unit has 4-in. wheels that attach to the base frame. The boom attaches to one of the more unique shop lights on the market today.

The 150-watt industrial round high-bay light rotates 180 degrees, making it much easier to get light into dark corners. It's also water and dust resistant to ensure the Boomlight will last for years.

The Boomlight is made of solid Telespar steel tubing with a black powder coating and has caster wheels that can be locked in place.

The maximum light height is 9 ft. 9 in.,

which produces more than 500 lumens of light in a 10 ft by 10 ft. area.

Boomlight stands behind its products with a 5-year or 50,000 hours warranty.

Starting at \$1,200, it can also be used as an overhead outdoor light for a patio or deck. There are three different LED lights to choose from: a 162-watt linear high bay, a 220-watt linear high bay, and a 150-watt industrial round bay.

Contact: FARM SHOW Followup, Danielle Cook, Boomlight, 2815 W. Pawnee, Wichita, Kan. 67213 (ph 888-202-0115; dcook@boomlight.com; www.boomlight.com).