

FOR A CLEAN SWEEP

Whether it's construction or maintenance, most turf and landscape jobs require some type of clean up.

By CURT HARLAR



Brouwer - Vac 138 is suited for large-area collection of debris.



SweepEx Mega Series features 11 brush rows on 48-inch or 60-inch frame.



Smithco Sweep Star re-engineered with more power, features.

In the war against unkempt grounds, the front-line troops turn to lawn sweepers and vacuums. A good power unit can handle anything from sand—which is all but impossible to sweep clean with a hand broom—to animal droppings.

Grounds pros also use power sweepers to remove aeration cores, rake leaves and pine needles, sweep water from golf greens, and remove light snow.

When clearing a large area of debris, engineers with Shindaiwa recommend starting at one corner of the area to be cleaned and proceeding up one side. The idea is to create a windrow, just as one would with a hay rake. In all but the most difficult situations one pass should do the job.

Choose the correct type of broom to make work go faster. Brushes are available in all-polypropylene, all-crimped wire, or a 50-50 mix. Engineers with Guest Industries say the 50-50 mix is the best choice for cleaning up dirt, small stones, rubble. A straight polypro brush is best used for snow and small fines.

When working with a hand-held power broom, experiment with shaft angle. Generally, the shallower the angle of the handle, the easier the units are to use. There is no reason to bear down on a power broom, as you would with a hand broom, while sweeping. In most cases, the spinning action of the drum paddles causes a vacuum effect which lifts debris from the grass or walk into the sweeper.

Engineers at TrynEx, note that a sweeper is good for snow removal on delicate paving stones where you don't want a blade.

The big time-consumer with power sweepers generally is the time it takes to empty the unit. Match capacity to the task. In other words, "Don't send a boy to do a man's job."

BROUWER TURF EQUIPMENT
(216)-828-0200
Circle No. 250

The BV138 vacuum from Brouwer, Dalton, OH, is designed for a 30 hp tractor. This unit features 5.1 cubic yards of capacity and is suited for large-area

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collection of leaves, litter, grass clippings, and thatch from vertical mowing. Unit unloads quickly with high-angle hydraulic hopper tilt.

Heavy-duty dual impeller fans power two adjustable suction nozzles which can be hydraulically raised for easy transport. Optional hand-held hose attachment is designed for easy cleanup of ditches or fence rows. Dust reduction tarp is standard.

Clarke Industries, Inc.

(314) 205-1220

Circle No. 251

Bag up to 11 cubic feet of clippings with the LV-30, from Clarke, Chesterfield, MO. Side-zipper disposal makes bag easy to empty. Powered by a 6-hp Tecumseh engine, the LV-30 has large wheels for easy maneuvering over tough terrain. Heavy duty impeller picks up cans, sticks, leaves and more. For jobs on adjoining areas, consider the 91-WS. Its 36-inch sweep path cleans 19,000 square feet per hour—five times faster than a man with a broom. With optional dual side brooms, which get in close to curbs or brickwork, it handles a 45-inch path. Available with battery power, gas or LP-gas.

Eagle Power Products

(612) 454-6500

Circle No. 252

Battery-operated rider sweeper, the TK1000 from Eagle Power, Minneapolis, features a 36-inch cleaning path. This unit can clean 75,000 sq. ft. per hour and works on both hard and soft surfaces. It includes a 5-micron dust control system. The TK1000's large capacity hopper keeps the operator on the go and not tied up with emptying the unit. All controls, maintenance checks within operator's easy reach.

Excel Industries, Inc.

(800) 395-4757

Circle No. 253

Dump a load right into a waiting truck or bin with the Hustler's Extra Hi-Lift BAC-VAC. This 10-bushel hopper box, made by Excel, Hesston, KS, can raise and dump 75 inches high. The fabric hopper bag will not rust or corrode. A lock-up pin holds the hopper up in fully raised position for access to the engine compartment. The lift is based on hydraulic cylinder with a hand lever control. Similar Hi-Lift BAC-VAC has 15 bushel capacity to keep the mower running longer before dumps.

Guest Industries

(800) 243-5390

Circle No. 254

Quick attach sweeper attaches to bucket loaders in about two minutes. The three DM 25 (with 25-inch diameter brush) units and 10 DM32 (32-inch brush) Power Broom offerings from Guest Industries, Torrington, CT, all attach to the bucket lip and angles 30 degrees to either side. Options include dirt deflector, marker flags and storage stands to protect the bristles when not in use. Units require 9 to 35 gpm hydraulics at 2000 psi to operate the broom.

E.L. Hilts & Co.

(800) 354-4587

Circle No. 255

Powerful brush-drive system is the key to performance in the RS-365 from Hilts & Co., Hickory, NC. The chain-driven brush system eliminates belts. A 36-inch wide brush sweeps straight, left or right. Zero-degree turning radius makes this self-propelled unit quite maneuverable. Unit weighs 230 lbs. and powered by a 5-hp Quantum engine.

Ingersoll Equipment Inc.

(414) 582-5099

Circle No. 256

The SW38 tow-behind sweeper from Ingersoll, Winneconne, WI, is designed to be used with any lawn tractor that is 8 hp or larger. The sweeper incorporates two brushes, one to pick up and the other to propel the material deep into the hopper. The sweeper offers six sweeping positions plus one for transport. The rot-resistant hopper has a full 11-bushel capacity.

Jacobsen

(414) 635-6711

Circle No. 257

Clean a five-foot swath at every pass with the 720 line of sweepers from Jacobsen, Racine, WI. All three sweepers have rubber-finger pickup system that removes wet or dry leaves, paper, cans, glass or other debris. Up to 5-cubic yards can be handled. Models include a PTO-driven sweeper and two units with self-powered pickup systems for use behind a variety of towing vehicles. The 720-EHL has a hopper lift that extends to 9 feet for unloading into a dump truck. Optional thatcher-thinner allows combining of two jobs.

Alfred Karcher, Inc.

(908) 356-1199

Circle No. 258

The KM 700 from Karcher, Somerset, NJ, has a height-adjustable main brush to move litter and dust into the 11 gallon container. Powerful air flow sucks dust up into the dirt container and through a specially designed replaceable filter, ensuring dust-free operation. An adjustable side brush lets unit clean in corners and other hard-to-reach places. This manual unit is 28" wide with a side brush.

Lambert Manufacturing Corp.

(513) 337-3641

Circle No. 259

All sweepers in the Lambert line feature mildew-proof hampers, semi-pneumatic tires and waterproof brushes. Made in Ansonia, OH, the pull-behind Challenger MH-481 has a 38-inch swath and 12 bushel (15 cubic feet) bin. Wind apron keeps leaves and grass in the hamper and not blowing back onto the lawn. The smaller Capricorn handles 31-inch swath and 10 bushels. Several push-type sweepers available, including the 20-pound 26-inch R-368 and the deluxe 26-inch B-369, which features a lift-out hamper for fast unloading. Also, check out the three trailing vacuum system models HDV-340, HDV-350 and HDV-360 all with mow and mulch feature and top-filling hamper for maximum fill.

Parker Sweeper

(630) 627-6900

Circle No. 260

Full line of sweepers and vacuums is available from Parke Sweeper, Addison, IL, to handle jobs of all sizes. Six tow-behind lawn sweepers, with four rows of polypropylene brushes, handle sweeping needs. There also is a full line of power vacuums including the Vac-CS, a self-propelled chipper/shredder vacuum that reduces debris 11:1; the Scavenger line, with 5-hp Briggs & Stratton engine and 30-inch sweep width; and the eight models in the Vac-35 series which features the Spin-Pak deflector that packs debris down into the bag for more efficient filling. The Vac-35s, available in gas, propane or battery power.

Shindaiwa, Inc.

(503) 692-3070

Circle No. 261

The new PowerBroom PB230 is lighter and lower-priced than the original PB270. Manufactured by Shindaiwa, Tualatin, OR, it is a gas powered sweeper attached to a splined solid-steel drive shaft like those found on hand-held gas trimmers or brush cutters. Drum of tough Alcryn material equipped with rubber-like fins pushes debris ahead of operator. Rotating sweep action, combined with unit's excellent balance, makes for fast removal of lighter material. The 1.1 hp PB230 can handle pea gravel, bark chips, sand, snow or water. The larger 1.5 hp 270 can move small and large material up to three inches deep.

Smithco

(610) 688-4009

Circle No. 262



Terracare Pick-Up Sweeper easy to unload with its electric winch.

The Sweep Star 60 dedicated turf sweeper has been re-engineered to increase its power, performance and operator comfort. The unit is powered by a 25-hp Kohler Command OHV twin-cylinder engine. Its exclusive full-floating sweeping reel can be engaged and operated at any height to better pick up wind-rows. All four wheels have larger, high capacity drum brakes and the rear wheels are now equipped with larger, softer tires for maximum turf protection. New heavy-duty cylinders have been added to the separate hydraulic lift system to provide a higher

reach for the hopper dumping to trucks. This unit sweeps up cans, grass clippings, leaves, pine needles, butts and all other debris in one pass.

Sweepster, Inc.
(800) 456-7100
Circle No. 262

Collect all kinds of debris with the 26-inch diameter brush on the brand new Sweepster HBB. Larger broom lasts longer, too, with up to 15 percent more serviceable life than the Dexter, MI firm's HB Series. Quick attach mounting. Workers

spend more time on the job, less time in the shop. The HBB series includes the 4-foot HB48B; 5-foot HB60B; and the 6-foot wide HB72B. The machines are fitted with 12, 15 and 16 cubic foot hoppers, respectively. All units are a compact 29 inches high and 58 inches long. The optional dual gutter brooms let the operator get in close to curbs, parking blocks and other vertical surfaces. The cutting edge of the bucket is perfect for scraping packed dirt off driveways or lots; sweep the area clean with the brush.

Tennant
(800) 553-8033
Circle No. 263

The Tennant line of sweepers, made in Minneapolis, MN, ranges from the push-behind 186 to the larger riding models like the 385. The 186 is designed for picking up sand, litter and related materials. The unit's filter system controls dust. The 385 features heavy-duty hydraulics and retracting side brush.

Terracare Products, Inc.
(608) 429-3402
Circle No. 264

Electronic winch makes the Terra Pick-Up Sweeper from Terracare Products, Pardeeville, WI one of the easier units to unload. As the hopper opens, a rake pulls material out of the front end. The wheels are 15x6:00-6 (one on the front and four on rear axle), giving this unit the flotation needed to operate on the finest turf or greens. Rear axle drops out for easy maintenance. Brush height is easy to adjust and the clutch can be engaged from the tractor seat.

Toro
(612) 888-8801
Circle No. 265

Dual, counter-rotating reels provide uniform 48-inch coverage with the 4800 Turf Sweeper from Toro, Bloomington, MN. Hydrostatic drive features Sundstrand pumps and Parker-Ross wheel motors. Reel height is adjustable for light or heavy conditions. Self-propelled with a 18 hp Kohler engine, the unit sweeps at 5 mph and has a transport speed of 8.6 mph. Hopper holds a full bushel. Wide tires provide good traction on uneven terrain.

TrynEx
(800) 725-8377
Circle No. 266

The new SweepEx series from TrynEx International, Royal Oak, MI, generates minimal dust and flying debris, protecting the operator, machinery and environment. Mega Series has 11 brush rows on a 48-inch or 60-inch frame. The Pro Series offers 8 brush rows on 48, 60 or 72 inch frame. Brushes are replaceable polypropylene. Mounting kits available for skid steers, fork lifts, tractors, bucket loaders, pickup trucks. **LM**

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