

Water recycling solutions for golf/turf industry applications

The Ultrasorb Model GC2, an advanced water recycling system for light duty golf and turf wash rack maintenance operations, decontaminates water.

The Model GC2 collects contaminated water from your wash pad and processes it through RGF's Proprietary Catalytic Oxidation Process, which actually oxidizes the contaminants to harmless carbon dioxide and water.



The Model GC2 has several options: a grass catcher, a detachable control panel, a programmable auto backflush unit and a high-volume pressure wash station. Its H.I.P. Multi-Media filter is designed to safely absorb herbicides, insecticides and fungicides. Its flow rate is up to 16 gpm with a 750-gallon built-in polytank.

Circle 191



Power mulcher needs no technical adjustments

The easy-to-operate, patented direct drive design of the TM7-30 Power Mulcher from Reinco eliminates the need for the operator to make adjustments to belts or clutches.

The machine replaces manual distribution of straw and hay with an automatic discharge in ranges of up to 60 feet. The discharge chute rotates 360 degrees to assure even distribution of up to five tons per hour of any quality straw or hay. It features a heavy duty construction that is mounted onto a steel frame with a convenient lift ring, locking bracket and nest for easy transport.

Circle 193

Boom mower has new hydraulic system that's efficient, powerful

The Machete is the new generation of boom mowers, claims its manufacturer, Alamo. It is built stronger and has more power than any boom mower on the market today, Alamo says.

By using a closed-loop hydraulic system (rather than open-loop hydraulics), the entire system is more efficient and produces less heat. The piston pump and motor will achieve 96 percent efficiency, Alamo contends, because more energy is transmitted to the system's mechanical elements and less oil is lost to slippage.

The Machete's blade bar is reinforced with three 7/8-inch thick leaves, and the spindle housing is attached to the deck with eight 5/8-inch bolts.

The operator can control all boom movements with a single joystick and dipper arm. Other features: Teflon impregnated bearings, heavier hydraulic hoses, 1 1/2-inch chrome-plated pins at all pivot points on the boom and 17-gallon hydraulic fluid reserve tank.

Circle 192



Mower does slopes, 20 other work functions

The Power Trac 184 riding rotary mower, equipped with an 18 hp Briggs IC 2-cylinder gas engine, can mow up to a 30-degree slope with its 48-inch cutting deck.

Other features:

- More than 20 different attachments that can be changed within seconds using quick-change pins and hydraulic couplers. Attachments include: snow blade, trencher, post-hole digger, stump cutter, power sweeper, fertilizer and salt spreader, rake, tiller, 18-inch disc edger.

- Hydraulically-powered arms controlled by a joystick for lift and tilt functions.

- Two-toe treadle that controls forward and reverse functions. Hydrostatic breaking is applied when the treadle is in the center position.

- Ability to articulate 45 de-

grees in each direction and oscillate 12 degrees in each direction, ensuring that the wheels remain grounded, even in rough terrain.

Circle 194



Engine feeds power-hungry attachments to tractors

Bigger mowing decks, lawn vacuums, mulching mowers and snow blowers are just a few of the power-hungry attachments today's commercial tractors are being made to carry. Kohler's new vertical shaft Command 25 hp V-Twin engine is designed to

feed these increasing demands, without the overpowering bulk of a diesel or liquid-cooled engine.

The air-cooled Command 25 vertical is a blend of the Command 25 horizontal and the Command 22 vertical technologies.



The 725cc Command 25 vertical produces 39.5 lbs. ft. of torque (at 2500 rpm) and features Kohler's Power-Bore cylinders that give longer cylinder life, increased power, superior oil control and reduced exhaust emissions.

A specially-designed oil cooler helps maintain the lowest possible oil temperature, reducing oil breakdown during lengthy duty cycles and extending oil change intervals.

Circle 195



New aerator is faster and wider

Turfco Manufacturing's new Pro Series Aerator is wider with eight rows of tines to give you excellent hillside stability. Yet the balance and controls make it easier to operate, Turfco says.

The Pro Series has sealed bearings, solid steel axles, covered chain, box frame and

separate throttle/clutch controls. Chain maintenance is reduced to twice a season, and the self-aligning bearings are ag quality for long life.

The Pro Series Aerator has the most dense aeration pattern for an aerator of this design.

Circle 196

Correction

In the August product announcement for the Lady Bug all-purpose turf and ornamental spray machine, two errors were made.

First, application rates can be attained by changing nozzles, pressure or speed (not "speed of spray"). Second, quick engine checks can be made by removing the rear reel (not the rear wheel).

LM regrets any inconveniences these errors may have caused.

>PRODUCT REVIEW

Ten ways to add vertical shaft power, quick starts, proper speeds



All 10 models Centura Power Plus vertical shaft engines from Tecumseh Products feature a quick-start fuel primer and an electronic capacitor discharge ignition system for quick starts with lower pulling speeds. A mechanical governor adjusts mowing speed to cutting loads.

In addition, the Centura line offers these features on specific models:

Model 35 includes a conical paper air filter system.

Model 38 features an automotive style oil fill tube, dipstick and trim ring.

Models 40 and 40 Special have a

ramp compression release. Model 40 also has a deluxe styled recoil trim ring. Models 40DX and 45DX have a retractable pin compression release, special dipstick anastylized fuel tank.

Models 50 and 55LX have a two-stage paper oval air cleaner system and a sculptured 1.5-quart wrap-around fuel tank with high oil fill and dipstick.

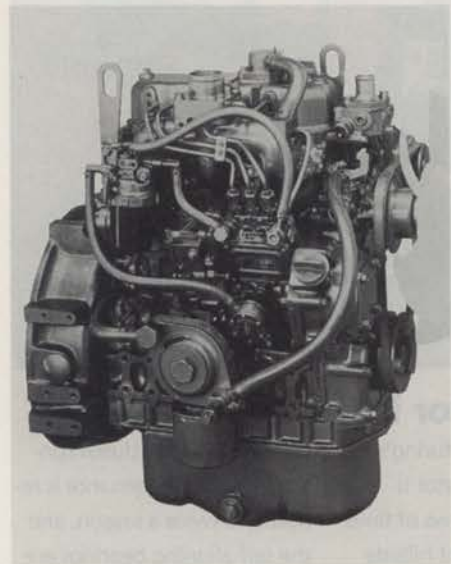
Models 50 XL/C and 55XL/C are extra-life commercial models. The LEV inverted port engines have a cast iron cylinder sleeve and a three-stage air cleaner with poly foam pre-cleaner.

Circle 197

Clean, quiet engines environmentally safe, even with high horsepower

A complete series of advanced design industrial diesel engines named Clean and Silent (C&S) is manufactured by Yanmar Diesel America.

The new TNE series engines were developed to meet the environmental requirements of the 1990s. Based on the company's



former TN diesel range, the TNE series consists of 10 different bore-and-stroke, four-cycle, water-cooled families with horsepower ranges from 11.7 to 62 and speeds from 3000 to 3600 rpm.

The complete TNE range delivers both low levels of exhaust and noise emissions; all models under 25 hp are certified to

1995 CARB emissions standards. Low weight-to-horsepower ratios are another feature, along with a 10 percent increase in output per cylinder over TN engines.

To achieve the improved, certifiable levels of emissions performance, increased power density and low noise levels, Yanmar's

engineering teams made major design changes. Result: noise emissions reduced more than 3 dB(A) on the predominantly direct injection engines.

Circle 198

Competitively-priced irrigation controller powered by old Sol

The all-new Trope-M solar-powered irrigation controller is a six-valve control that is now priced competitively with standard AC units.

Only three rotary knobs permanently set all watering functions. The hybrid design also incorporates a digital readout for

time and time remaining for watering. Among the knob selections are odd/even days; water, wait, water (WWW) and budgeting.

The Trope-M is stocked by selected irrigation distributors nationwide.

Circle 199



Tough terrain off-road hauler a great runabout

The J-93 Hauler from Kimball Products is designed for tough-terrain hauling and maintenance work. It's an ideal run-about vehicle for race tracks, parks, campgrounds and construction sites, the company says.

The J-93 is powered by a Briggs & Stratton 16 hp overhead valve twin engine coupled to a three-speed transmission with infinite speed ranges in all three gears.

The machine has a 49x40x11-inch deep dump box capable of handling up to 700 lbs. The double-acting dump box tailgate extends for longer loads, opens for faster unloading. An optional power dump is available.

Options include all-weather vinyl cap, dozer blade, utility winch, all-terrain Stryker tires, Turf Buster tires for lawns and golf fairways, re-coil starter and internal, front-expanding hydraulic drum brakes.

Circle 209



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