

LMREPORTS

YOUR GUIDE TO PRODUCT RESEARCH

MAINTENANCE: COMPACT CONSTRUCTION EQUIPMENT



Case Construction Equipment

New pallet forks are specially designed for use with Case's skid steers

and compact track loaders. They are available with either 48- or 42-in. tines, in a choice of Heavy Duty, rated to 5,500 lbs., or Standard, rated to 4,000 lbs. Case pallet forks feature a rugged, reliable frame and outstanding visibility to the tines for safe, easy loading. The frame's mounting angle assures proper forward tilt for loading and excellent rollback for transporting loads. The design offers ample room between the frame and the cab, providing easy access to and from the cab.

CaseCE.com

General Equipment Co.

The 240 hole digger features the construction industry's first use of four-stroke engine technology on a one-man, handheld hole-digging product. A 1.6-hp Subaru EH035 engine supplies the power. The four-stroke engine also eliminates the need for premixed fuel and oil solutions, effectively removing any worries of engine damage caused by improper mixing techniques. A Magura twist grip throttle controls engine speed for optimal power output. A spur gear transmission, produces a maximum drilling torque of 55 ft.-lbs. Its all-metal centrifugal clutch slips on overload or when the auger makes contact with a buried obstruction. The 1-in.-diameter driveshaft connection accommodates the use of earth augers ranging from 2 to 8 in. in diameter. The standard digging depth is 30 in., which can be increased with an available 15-in., non-flighted extension. GeneralEquip.com



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John Deere

In response to customers' needs for faster travel speed across jobsites, John Deere introduces a two-speed option to its mid-frame 318D and 320D skid steer loader models. The new option increases ground speed as much as 62% on both manual and E/H controls machines, from 6.8 mph to 11 mph. It's engineered to provide a second gear for a variety of work, including landscaping. Shift on-the-go ca-

pability allows operators to kick into higher travel speeds with a simple flip of a toggle switch on the left-hand joystick. Electronically controlled shifting allows for seamless transition during upshifts and downshifts. The 318D and 320D are part of Deere's customer-inspired D-Series skid steer line, featuring 24% larger cabs and 6 in. of additional headroom than their predecessors. They are also quieter because of a hydraulic fan drive and engine auto-idle, and positively pressurized for better air temperature control. JohnDeere.com

New Holland Construction

New Holland introduces pallet forks specially designed for use with its skid steers and compact track loaders. They feature a rugged frame and visibility to the tines for easy and accurate loading. The fork assemblies are available with either 48- or 42-in. tines, with a choice of 5,500- or 4,000-lb.-rated tine sets. The frame's mounting angle ensures optimum forward tilt for load pick-up and rollback for transporting loads. The design offers ample room between the frame and the cab, providing the operator with easy access to and from the cab. NewHolland.com



Bobcat Co.

The new, 12,678-lb. T870 is the largest compact track loader the company has ever manufactured, and the 10,008-lb. S850 (pictured) is its largest skid loader. Both new loaders provide operators with more powerful hydraulics, increased fuel capacity, higher lift capacities and reach, increased pushing power and higher horsepower than any of Bobcat's current loader models. In addition, the loaders will enable the operator to accomplish more work through performance and durability enhancements that provide more power and keep the loader working longer, while increasing operator comfort with a new cab-forward design with improved visibility and a more spacious and comfortable cab. Job-enhancing features were also added to the optional Deluxe Instrumentation Panel featured in these machines. Bobcat.com

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Ditch Witch

Ditch Witch now offers a heavy-duty track option with two of its Zahn compact trenchers: the two- and four-wheel-drive models of R230 and R300. Unlike competitors' tracks, these heavy-duty tracks "walk," or oscillate, 12°, which helps provide greater stability when loading, unloading and

maneuvering over curbs or other rough and uneven terrain. Another benefit of these tracks is their high-flotation design, which helps minimize surface damage to turf and enables the operator to work confidently on and around sensitive landscapes and established lawns. Tracks do not increase the width of the R230 and R300, so each machine can still fit comfortably through a standard 36-inch (0.9 m) yard gate. DitchWitch.com

Massey Ferguson

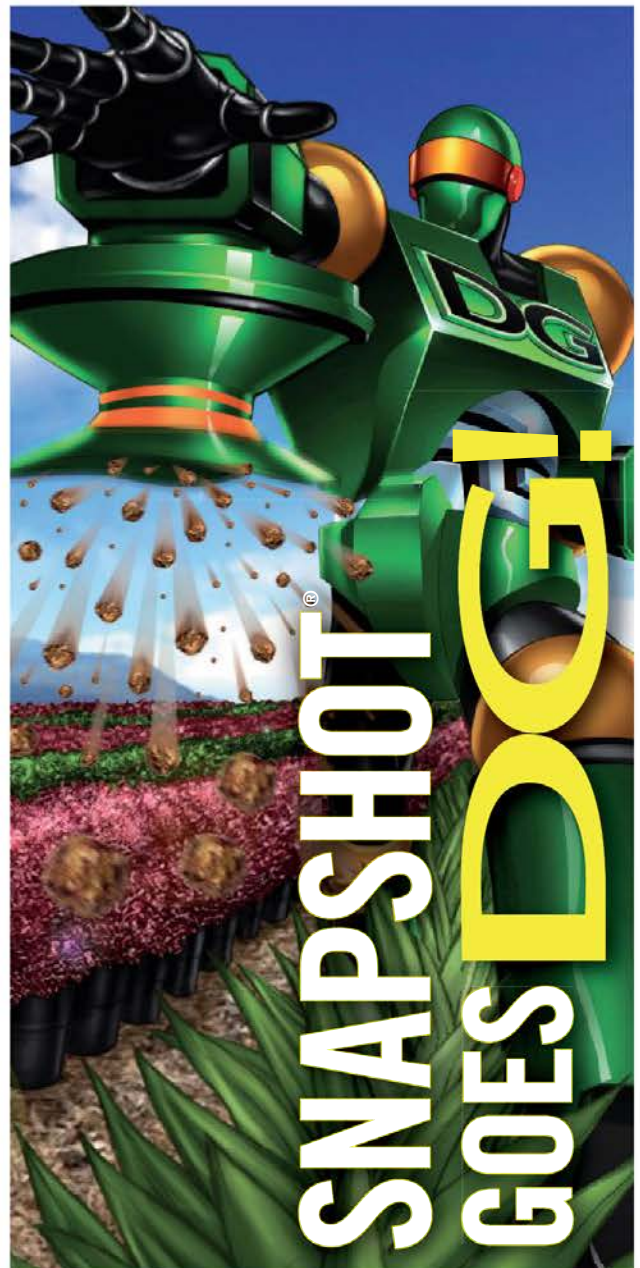
The 25-hp MF1526 compact tractor features a three-range hydrostatic transmission and improved ergonomics. It's powered by a Tier IV interim-emission-compliant Iseki three-cylinder liquid-cooled diesel engine. An electro-hydraulic independent rear PTO engages smoothly and allows the operator to separately manage PTO speed and ground speed. The semi-flat ISO-mounted platform puts rubber bushings between the platform and the frame to soak up vibration. An easy-to-read instrument panel helps keep the operator informed of the tractor's performance. A full line of attachments, from loaders and mowers to brooms and blades, is also available. MasseyFerguson.com

Gehl

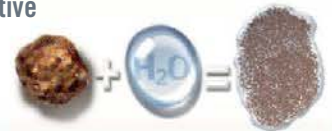
The all-new model V330 skid loader features more than 131 in. of near-vertical lift height, thanks to a state-of-the-art lift arm design that provides extended reach and lift height for easy truck and material loading. The lift arm design provides optimal views to the sides of the loader and a direct line-of-sight to the bucket cutting edge. Thick steel plating braces the lift arm, providing additional strength and durability. The loader also features an 84-hp, turbo-diesel engine and a rated operating capacity of 3,300 lbs. Equipped with electronic engine control and a foot throttle, the V330 can be operated at partial throttle as the workload allows for lower sound levels and reduced fuel consumption. Plus, an all-new, ergonomic cab design includes fully adjustable joystick controls and an optional air-ride seat. Extra-large side screens and an optional wide-view front glass door provide visibility to the bucket cutting edge and front work area.

The new side-folding restraint bar and armrests feature multiple adjustments to enhance operator comfort and safety.

Gehl.com/verticallimit



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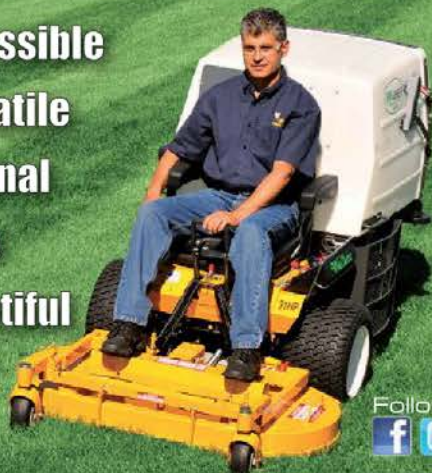
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Kioti Tractor

Kioti introduces a completely new line of implements and attachments for its compact tractors and utility vehicles. The new line is comprised of more than 60 brand-new models designed to bring added productiv-

ity and profitability to more than 30 Kioti prime movers. The line includes a full range of three-point implements, including mowers, cutters, tillage and landscape implements as well as implements designed for ATVs and UTVs. All products feature Kioti's proprietary and new E-Coat (Electro-Deposition Coating), Premium Powder Coat or the Powder-over-E-Coat finish. All products are made from high tensile-strength steel with a base rust inhibitor, then feature a baked-on finish for corrosion resistance. Kioti.com

Volvo Construction Equipment

The all-new, 2-ton EC20C compact excavator is powered by a Tier IV-compliant, 16.2-hp diesel engine and sports a new cab and digging equipment design. The operator can now use an electro-proportional fingertip control on the joystick for swing and offset movement at the same time. This enables the EC20C excavator to deliver faster and more precise performance, while reducing operator fatigue. The attachment circuit and offset function foot controls have been replaced by the joystick button — providing operators with more leg and foot room. Maximum hydraulic oil flow for the first auxiliary circuit can now be set to adjust the maximum speed of a tilting ditching bucket. The adjustment is easily made from the right-hand joystick using the proportional roller and maximum flow switch. In addition, the Volvo Care Cab provides a roomy operating environment that meets or exceeds TOPS, ROPS and OPG1 (Object Protective Guard) standards of protection. An adjustable seat has ergonomic armrests for operator comfort. A new instrument panel provides comprehensive information for all key operating functions, while a digital hour meter displays total engine running hours and can be viewed from outside the cab without starting the engine. The design of the EC20C has reduced the tail swing by 7% compared to its predecessor, the B-series excavator. The shorter tail swing footprint, along with the rounded design and cast-iron rear counterweight, offers maximum rear protection to the excavator. VolvoCE.com/na



Kubota Tractor Corp.

The new KX-4 Series compact excavator is designed to provide operators with enhanced performance and increased stability in open areas. It offers an optional hydraulic float angle blade with 25° pivot angle for increased productivity. Its conventional tail swing provides stability in open areas, even when a thumb and wide buckets are used. With a 476-gross-hp, direct-injection Kubota diesel engine that features single-side servicing, this machine includes an auto idle feature that conserves fuel and reduces noise level. A new, load-sensing hydraulic system employs a combination of closed and open center controls to ensure strong digging forces and minimize slow-down during travel when using attachments. The advanced load-sensing system provides optimum oil flow to each cylinder for smooth multifunction operation and enhanced fuel economy. Auto-downshift travel motors on the KX057-4 offer smooth transitions through turns, and the optional hydraulic angle blade improves backfilling efficiency. Float is standard equipment on all blades and combines with high traction force to speed the operator on to their next job. These blades include a reversible bolt-on cutting edge to reduce operating costs. Two auxiliary hydraulics ports are also available, expanding attachment versatility. *Kubota.com*



Caterpillar

The Cat 907H, the latest addition to the Cat Compact Wheel Loader range, fits between the 906H and 908H models. The 70-net hp model features a skid steer loader style coupler, auxiliary hydraulic system, Cat C3.4 diesel engine, two-speed hydrostatic drive, standard differential locks in both axles, parallel-lift Z-bar loader linkage and high-visibility operator's station. Optional features – including high-flow hydraulics, ride control and speeder transmission – enhance the 907H's performance. The hydraulically actuated skid-steer-loader-type coupler allows the 907H to be integrated into existing small-equipment fleets. Standard auxiliary hydraulics, proportional third-function valve and continuous-flow capability provide a complete control package for work tools such as trenchers and stump grinders. *Cat.com*



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JCB

The new 515-40 is JCB's most compact telehandler to date. It's just 5 ft., 11 in. tall, 5 ft., 2 in. wide and 9 ft., 6 in. long. It weighs 7,672 lbs., with an all-new, off-set single-spine main frame. As a result, the machine boasts a full-size cab with easy accessibility and plenty of operator space. The design enables the machine to break through a barrier that previously prevented many compact telescopic handlers from use in smaller workspaces. It offers 8 ft., 6 in. of forward reach, 13 ft., 2 in. of loading height, and a 9-ft. turning radius. Equipped with 4-wheel steering, 4-wheel-drive, a hydrostatic transmission and exceptional ground clearance, the machine can easily traverse challenging outdoor conditions. Powered by a 50-hp engine, the 515-40 can carry a payload of 3,300 lbs. It comes standard with a universal skid steer quick attach, opening it up to a vast range of attachments. JCBna.com



Steiner

The new, compact Steiner 235 FWD tractor combines speed and agility with traction and power. It's powered by a 25-hp Kubota diesel engine, and uses hydrostatic front-wheel-drive and rear-power steering for infinitely variable speed control up to 10 mph for open areas — and a tight 14-in. turning radius in cramped, tight spaces and niche areas. Other features include wide 350 Mag 6-ply front drive tires, a low center of gravity, a transmission differential lock that links both drive wheels for even traction, and a TRACTION-MAX Weight Transfer System. Front-mount attachments include an aerator, machinery hitch, mower decks (rotary and specialty), blades, snow blower, scoop, sweeper, tiller and turbine blower. Operational features include a simple two-point Quick-Hitch system that requires no tools to connect or change attachments, a fingertip-control console, and foot-controlled forward and reverse that leaves no operational distraction from work. SteinerTurf.com



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LAWN CARE: HERBICIDES

Bayer Environmental Science

Designed for use on warm-season turf, Specticle delivers residual, broad-spectrum control and a use rate that is the lowest in the industry among preemergent herbicides, according to the company. With use rate flexibility, lower use rates provide from three to four months of control — and with higher use rates, Specticle can last eight months. Featuring the active ingredient indaziflam, a cellulose biosynthesis inhibitor (CBI), Specticle's recommended use rate for is 2.5 to 5 oz. per acre, depending on the weeds to be controlled and length of control desired. The product has shown control of Poa, crabgrass, goosegrass and broadleaf weeds. It can be used on a variety of warm-season turfgrasses including Bermudagrass, zoysiagrass, centipedegrass, St. Augustinegrass, and seashore paspalum. Specticle is formulated as a wettable powder available in pre-measured water soluble packets. For convenience, two package sizes are available: six bottles with eight 0.625-oz. packets each and four pouches with seven 2.5-oz. packets each. *BackedByBayer.com*



PBI/Gordon Corp.

T-Zone provides broadleaf weed control in cool-season turfgrass. It contains four active ingredients including triclopyr ("T"), a proven ingredient for hard-to-control weeds. Energized with sulfentrazone ("ZONE"), T-Zone is fast-acting with visible activity in hours. Weed death can occur within seven to 14 days. Sulfentrazone, a protox inhibitor, works by preventing a key enzyme required for chlorophyll production. Tests have consistently shown control of tough weeds like wild violet, ground ivy, black medic, oxalis, clover, spurge, speedwell and lespedeza. The oil-based formula cuts through the cuticle of the toughest weeds. Hard-working triclopyr, when combined with fast-acting sulfentrazone and precise ratios of 2,4-D and dicamba, provides premium weed control. T-Zone affects multiple sites within broadleaf weeds with symptoms including rapid leaf and stem curl, twisting, yellowing and browning. As a bonus, the sulfentrazone provides suppression of young and actively growing yellow nutsedge. *PBIgordon.com*

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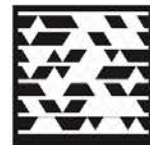


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Dow AgroSciences

Dimension specialty herbicide provides preemergence and early postemergence control of crabgrass, and pre-emergence control of more than 40 grassy and broadleaf weeds, including crabgrass, goosegrass, spurge, creeping woodsorrel, bittercress and *Poa annua*. With multiple formulations, including the water-based Dimension 2EW, Dimension can be used over the top of landscape ornamentals and in established lawns without staining surroundings. It can be used on established seeded, sodded or sprigged turf. Dimension also is labeled for use on more than 180 tolerant ornamental plant varieties, which makes it an ideal wall-to-wall solution for weed control in turf and landscape.

DowProvesIt.com

FMC Professional Solutions

Give turf a healthy start with FMC's new SquareOne herbicide. Unlike products that are too harsh on newly seeded turf or require multiple applications, SquareOne can be applied just one day before seeding — or as soon as seven days after emergence on most cool and warm season grasses during fall or spring renovation projects (except for creeping bentgrass or St. Augustinegrass). This means fewer crabgrass and broadleaf weeds from the start, maximum turf density and lower costs — thanks to fewer herbicide applications and less callbacks.

FMCprosolutions.com/LawnCare/Products/Herbicides/SquareOneHerbicide.aspx



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Nufarm Americas Inc.

4-Speed herbicide provides fast, effective postemergent control of a wide range of broadleaf weeds. Proven performers 2,4-D, dicamba and MCPP-p are aided by pyraflufen-ethyl and a blend of premium emulsifiers to add speed to performance. In as little as 24 to 48 hours after application, the company says lawn care professionals can begin to see control of troublesome weeds such as dandelion, white clover, buckhorn plantain and other broadleaf weeds.

NuFarm.com



United Turf Alliance

New ArmorTech Threesome Three-Way Selective Herbicide combines 2,4-D, mecoprop-p and dicamba to selectively control weeds such as clover, henbit and wild onion in most turfgrass species, including bentgrass. In addition, new ArmorTech QuinPro is a dry flowable quinclorac herbicide offering flexibility and a low use rate, while controlling both broadleaf and grassy weeds. Both products are available from United Turf Alliance member companies and select distributors.

UTAarmortech.com



BASF Professional Turf & Ornamentals

Onetime herbicide is a soluble liquid formulation that controls more than 70 annual broadleaf and grassy weeds. Onetime combines liquid-quinclorac-based Drive XLR8 herbicide with MCPP-P and dicamba, which provides fast entry into the plant, rainfastness in 30 minutes and more effective, consistent control of grassy and broadleaf weeds than other products. Onetime can be applied to both cool- and warm-season grasses, as well as tank-mixed with other commonly used products, including pendimethalin-based Pendulum herbicide, to enhance residual control.

BetterTurf.com

weedalert.com

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LebanonTurf

ProScape LockUp enables postemergence control of annual and perennial broadleaf weeds in residential lawns, golf courses, parks, sports fields, sod farms and other established turfgrass. The granular product

provides activity at low use rates — generally 0.02 to 0.06 lbs. of active ingredient (penoxsulam) per acre — and can be used on wet or dry foliage and on warm- and cool-season turf. The specialty herbicide also includes LebanonTurf's MESA, the first nitrogen source to combine ammonium sulfate with methylene urea in a single particle. *LebanonTurf.com*

DuPont Professional Products

As what the company describes as the most advanced turf herbicide in more than 40 years, DuPont Imprelis herbicide allows turf professionals to control dandelion, clover and plantains, plus the toughest broadleaf weeds — like ground ivy and wild violets — even during reseeding or rainy days. Its single active ingredient

has low application rates, low toxicity to mammals and low environmental impact. Since 2006, independent university researchers and contractors have conducted more than 400 field trial protocols to evaluate Imprelis. Studies show it is effective against many hard-to-control weeds, is not impacted by rain, hot temperatures or cool temperatures, and provides unprecedented levels of broadleaf weed control when applied on granular fertilizer. Imprelis is available in 2.5-gal., 1-gal. and 4.5-oz. bottles. *ProProducts.DuPont.com*



Engage Agro USA

Under a new distribution agreement, German-based Neudorff has assigned exclusive distribution rights to Engage Agro USA to market its new bioherbicide, Fiesta Turf Weed Killer, for all U.S. professional turf markets. It is considered to be an alternative to traditional synthetic chemical weed control products like 2,4-D. Fiesta is made from iron, and provides fast control of broadleaf weeds under a wide range of temperatures. It even works in cool temperatures as low as 45° Fahrenheit. *EngageAgro.com*

Valent Professional Products

SureGuard Herbicide and BroadStar Herbicide provide Green Industry professionals with long-lasting, preemergence control of annual grass and broadleaf weeds in two distinct formulations: SureGuard, a sprayable formulation, provides extended residual weed control and enhances the performance of glyphosate. BroadStar is said to be the longest-lasting residual granular herbicide on the lawn care professional market, providing lasting activity on difficult-to-control grass and broadleaf weeds. *ValentPro.com*



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