TECHNOLOGY YOUR GUIDE TO PRODUCT RESEARCH

Skid steers

he beauty of skid-steer loaders is the wealth of attachment options. Landscapers can choose attachments they need to take them from start to finish on a jobsite. Choosing the proper tools saves landscapers valuable time and increases productivity, says Rob Otterson, market segmentation manager for Bobcat Company.

Other than typical buckets and pallet forks, Otterson says the five landscaping attachments that stand out as the most popular are augers, trenchers, landscape rakes, sweepers and soil conditioners.

Augers can efficiently dig holes for planting trees and shrubs and for installing fence posts. To remove small rock or stone for soil preparation, landscape rakes make an ideal solution. And with sweeper attachments, landscapers can clean city streets of jobsite dirt and debris.

Soil conditioners excel at clearing rock, unwanted weeds and existing turf, and can create a final grade in preparation for landscaping, planting seed or laying sod. Trencher attachments are particularly useful for contractors installing irrigation lines and drain tile.

What many landscapers aren't aware of are all the other available attachments. "Manufacturers are constantly adding new models to fill customer requests. Many can be used on different types and brands of carriers, further increasing their utilization," Otterson says. Stump grinders, rotary cutters, combination buckets, sod layers, snow removal attachments and many others can quickly and easily increase business. "The landscaper who researches and is aware of these additions will be presented with more opportunities to grow their business," he says.



Mustang

Mustang Manufacturing Co.'s skid steer Model 2026 is designed for access to tight areas at 70.3 in, tall and 48.4 in, wide. It features 1,050 lbs. operating load, 35 hp engine, hands-only steering and hydraulic controls and automatic brake and hydraulic lock system. The Model 2041 features a 1,350 lbs. operating load, 46-hp engine, bucket breakout force of 2,800 lbs. for extra power in tough digging conditions and Tilt-up ROPS for easy internal service access. **For more information contact Mustang Manufacturing at 507/451-7112 or www.mustangmfg.com / circle no. 254**

< Bobcat

With a 3,300-lb. rated operating capacity Bobcat's \$330 becomes the company's largest skidsteer loader. With a 10-ft.-10-in. lift height, the vertical-lift-path \$330 excels in such applications as nurseries, supply centers, turf and sod contractors, demolition and residential contractors. Its 85-hp liquid-cooled diesel engine means an increase in pushing power and drive torque when digging. The engine also improves performance in high-flow attachment applications by providing more support for the machine's hydraulic horsepower. High-flow attachments that will benefit from this include planers, wheel saws, Brushcat rotary cutters and snowblowers. The \$330, as well as the other Bobcat large-frame loaders comes with an improved cooling system that increases the loader's cooling capacity by 30%. For more information contact Bobcat at 701/241-8700 or www.bobcat.com / circle no. 255

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ASV

If you need to grade, level and pulverize the soil in one pass, the ASV S4 Harley Rake is your attachment. Paired with an ASV RC-30 Posi-Track Loader, ASV's technology lets the RC-30 crawl over any surface with minimal ground pressure, yet the machine has the power and traction to work productively in most conditions. The rake features heightand length-adjustable pneumatic caster wheels, reversible box end plates, electric over hydraulic angle — adjustable left and right, 20 degrees each way — and carbide teeth. For more information contact ASV, Inc. at 800-346-5954 or www.asvi.com / circle no. 256

Case IH

Case Construction Equipment's 400 Series skid steers come in five radial- and three vertical-lift models that range from 49- to 82-hp, with maximum rated operating loads from 1,500 to 3,000 lbs. In addition to being Tier II certified, the new large-displacement, hightorque, long-life Case Family III engines on the 430, 440, 445, 450 and 465 provide quiet and smooth operation. These same models feature a 95-amp alternator for reliable starts.

For more information contact Case IH Construction at 262/636-6011 or www.casece.com / circle no. 257



New Holland

The new L175 skid steer loader continues New Holland's tradition of producing skid steers with the highest lift capacity to operating unit weight ratios available on the market. With, the New Holland's L175 skid steer has a 2,000-lbs. operating capacity, bucket breakout force of 4,300 lbs., operating weight of 6,230 lbs. and 60-hp turbocharged engine. The L175 includes many of the same features available on New Holland's other skid steer models, such as the Super Boom vertical lift linkage for better dump height and reach, a long wheelbase for exceptional stability, fast ground speeds and no rear towers to impair visibility.

For more information contact New Holland at 717/355-1371 or <u>www.newholland.com</u> / circle no. 258

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Volvo

The new B-Series skid steer loaders from Volvo offer operator comfort with a supercomfort, high-back seat and your choice of controls — traditional hand and foot controls or pilot-operated joystick controls. The Volvo B-Series features a wide, tall opening into the operator's area, making it easy for the frequent exits and entries demanded by job conditions. Volvo skid steer loaders also provide outstanding visibility in all directions. For safety, the B-Series is designed so that the hydraulics will not function and the brake is set until the operator lowers the seat bar and presses the hydraulic release button. The B Series includes five models, ranging from 45.3 hp and 1,500 lbs. operating capacity to 80.5 hp and 2,250 lbs. operating capacity. For more information contact Volvo at 828/650-2000 or www.volvo.com / circle no. 259

JCB

JCB 1110 Wheeled Robot skid steer loader has a single loader arm mounted in a low level, single tower on the right hand side of the machine. The single loader arm design offers a unhindered view to the rear and sides of the Robot for easier operation and greater on-site safety. JCB 1110 Robot is hydrostatically driven with two chain cases, with a spring-applied, hydraulically released, disc type parking brake mounted to each drive motor. Full servo control joysticks reduce lever efforts to a minimum. JCB 1110 skid steer loader has a rated operating capacity of 2,425 lbs.

For more information contact JCB at 800/Pick-JCB or <u>www.jcb.com</u> / circle no. 260



Ramrod

The 905, 915, 950 and 1150 Ramrod Taskmasters handle the most demanding jobs. The 905 Taskmaster can be as narrow as 32 in. to work in constrained areas and the 915 can wide track to 44 in. There are more than 40 versatile, "quick on, quick off" attachments. From the low-step stand-on platforms, operators get a clear, 360 degree unobstructed view of their work area. For more information contact Ramrod at 800/667-1581 or visit

www.ramrodequip.com / circle no. 261



Anteater (30,000 BC)

Frying pan (1847)

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John Deere

John Deere's 300 Series skid steers offer customers a lower daily operating cost than their predecessors. Superior stability results in faster speeds and quicker cycles. This stability is delivered by a low center of gravity due to heavy components being mounted lower in the frame; a long wheelbase that provides smoother ride with less fore-to-aft rocking; optimal balance due to 60/40 weight distribution on the front and rear axles; and larger tires. A patented vertical-lift boom provides a true vertical lift pattern. The 300 Series features the company's patented Quik-Tatch technology—which provides attachment engagement and disengagement from the operator's seat with a push of a button. Powerful hydraulics delivered to the loader boom, bucket and attachments also enhance productivity.

For more information contact John Deere at 800/503-3373 or <u>www.johndeere.com</u> / circle no. 262

Ditch Witch

Interchangeable attachments increase the versatility and value of Ditch Witch mini skid steer loaders. Attachments are available for trenching, vibratory plowing, pavement and rock sawing and utility backhoe work.

At less than 36 in. wide, the Ditch Witch SK350 Mini Skid Steer can go anywhere you need it. The Ditch Witch SK300 is a 13-hp, track-mounted, platform mini skid steer. The SK500 is a track-mounted, walk along mini skid steer. The SK650's powerful 31.5-hp Kubota diesel engine and hydraulic system give it the muscle to do the jobs of much larger machines.

For more information contact Ditch Witch at 800/654-6481 or <u>www.ditchwitch.com</u> / circle no. 263



Gehl

Gehl Co.'s 7810E skid loader is loaded with power, strength and speed. The 7810E Skid Loader is powered by a Cummins 99-hp turbo-charged diesel engine with high (305 ft.-lbs.) torque. It has an increased SAE rated load capacity of 3,850 lbs. The 7810E has a host of features, including true vertical-lift linkage, which provides consistent forward reach throughout the entire lift cycle, and a lift height of nearly 12 ft. The new 7810E Skid Loader delivers bucket breakout force of 8,340 lbs. A 2-speed drive is available, which offers ground speeds up to 12.5 mph. **For more information contact Gehl Co. at 800-628-0491 or <u>www.gehl.com</u> / circle no. 264**



Blowtorch (1926

Shoe (1954)

Newspaper (1962)

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Vermeer

Vermeer Manufacturing Co.'s S600tx rubber track mini-skid steer features a spring-cushioned platform and two single-joystick controls with operator-handle grip that allows operators to keep their balance while operating any of the machine functions. A machine width of 35.75 in. allows the S600tx to maneuver through gates and other confined areas. The 7- or 9-in. tracks provide enhanced stability and lower operating ground pressure.

For more information contact Vermeer at 888/VERMEER or www.vermeer.com / circle no. 265



Caterpillar

The Caterpillar 287B Multi Terrain Loader is available with the Cat High Flow XPS hydraulic system for high productivity when using hydraulically demanding work tools. The load-sensing, variable displacement piston pump delivers high pressure and high auxiliary hydraulic flow for maximum hydraulic horsepower and performance. The 287B Multi Terrain Loader is the largest of the five Caterpillar Multi Terrain Loaders, which are compact, rubber-tracked machines designed for exceptional versatility, flotation, traction, stability and ride quality. The 287B has operating capacity of 3,600 lbs., when defined as 50% of tipping load. For more information contact Caterpillar at 309/675-5175 or www.cat.com / circle no. 266



Compact Power Inc.

With its slim 36-in. footprint, the Power-House PH-850 Mini Skid Steer from Compact Power, Inc. will zip through the narrowest work areas, and packs more than enough power to get the job done. The PowerHouse PH-850 offers a full 850 lbs. lifting capacity, combined with two bucket cylinders for maximum front end strength and a breakout force of 2,200 lbs.

For more information contact Compact Power Inc. at 800/476-9673 or <u>www.cpiequipment.com</u> / circle no. 267



Magnifying glass (1977)

Garden hose (1984)