

All the Small Things

The Latest Creations in the Compact Marketplace

ASV Rubber Track Loader

The ASV RC-100 Rubber Track Loader is the most powerful and productive of its R-Series product line. Powered by a Perkins 1104C-44T turbocharged diesel engine, the RC-100 offers high output with low emissions and low sound. The Posi-Power Control system lets the operator work the RC-100 to its fullest potential, as it automatically shifts the hydrostat to match available horsepower. The machine's tracks are directly driven by two-speed drive motors with travel speeds up to 11.5 mph. The hydraulic system provides up to 38 gpm to the standard high flow auxiliary circuit on demand or 20 gpm to the low flow circuit. The RC-100's advanced load-sensing hydraulic system produces 10 percent more hydraulic horsepower. Forty-two wheeled contact points spread the machine weight over 18-in.-wide rubber tracks, exerting only 3.5 psi ground pressure.



Bobcat Zero Tail Swing Excavator

Contractors needing a zero tail swing (ZTS) excavator in the 2- to 3-metric ton size class now have a new option with the 425 compact excavator from Bobcat Co. The 425 standard-arm excavator delivers a maximum digging depth of 8 ft, 4 in. and a maximum reach of 14 ft, 10 in. at ground level. The 425 long-



arm option has a maximum digging depth of 9 ft, 4 in. and a maximum reach of 15 ft, 9 in. at ground level for even greater spoil placement. Both models are powered by a 26-hp, liquid-cooled diesel engine and feature two-speed travel motors also available.

Boxer Compact Utility Loader



The Boxer 530X sports a 30-hp Kohler Command Pro air-cooled gas engine and a two-pump, 3,000 psi, 14.5 gpm hydraulic system, providing the muscle to tackle any task. The mighty compact utility loader offers an integrated track system that retracts from a fully extended and is easily controlled by a joystick lever on the control panel. This design makes it simple for the operator to maneuver through tight areas. 530X can handle over 50 universal compact utility loader attachments. The standard quick attach system enables the user to quickly switch from bucket to forks.

Case M Series 2 Loader Backhoe

Case Construction Equipment's M Series 2 is the latest addition to the Case legacy of rugged, durable loader backhoes. The new M Series 2 Series includes the 580M, 580M Turbo, 580 Super M, 590 Super M and 580 Super M+ mod-



els. These five models range from 76 to 98 hp with loader capacities from 6,182 to 7,327 lbs. New engines and a new low-effort pilot control option have been added to all M Series 2 models. For the ultimate in operator comfort and control, M Series 2 loader backhoes are now available with Case Pilot Controls. An exclusive thumb-proportional control for the Extendahoe provides relaxed, precise and easy fingertip operation.



Ditch Witch Excavator Tool Carrier



The Ditch Witch revolutionary compact utility vehicle, the Ditch Witch XT850, is a cross between the company's SK (mini skid steer) and MX (mini excavator) series. The XT850 is a powerful, lightweight excavator tool carrier with options that include trailer, stands and enough attachments to handle virtually any underground construction task. A special feature of the XT850 is its patent-pending 260 degree excavator sweep, which allows unprecedented offset digging capability from one point. When it is time to move, the machine's turf-friendly rubber tracks are controlled by independent hydrostatic ground drives, giving the operator zero-radius turning capability.

Doosan Zero Tail Swing Compact Excavator

The Doosan DX35z is available in a cabin model with 27 hp and an 8,069-lb operating weight and canopy model with 27 hp and a 7,848-lb operating weight. Both models feature a zero tail swing which provides the ability to work in very narrow areas. The newly designed swing bracket and

increased boom cylinder size ensures powerful and stable boom swing performance. Other highlights include a powerful digging force, dozer blade, comfortable cabin and easy maintenance. The DX35z has a powerful and environmentally proficient 3TNV88 engine that provides high operating efficiency.



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Gehl Zero 383Z Compact Excavator

The new Gehl 383Z excavator features zero tail swing maneuverability, which allows the machine's superstructure to rotate entirely within the tracks. The 383Z can operate close to walls and obstructions without risk of contact. Its small size, weighing 7,826 lbs with a canopy and 8,002 lbs with a cab, and maneuverability make it a perfect



fit for operating on congested sites without obstructing traffic. The size of the operator's compartment is maximized by mounting the powerful 29-hp Yanmar diesel engine on the side of the machine and the hydraulic and fuel tanks on the rear of the machine.

John Deere 17D Compact Excavator

With numerous improvements, the new John Deere 17D Compact Excavator provides maximum versatility and productivity. Chief among its enhancements are the new adjustable-width tracks and a new backfill blade with fold-



able end sections. When the tracks are retracted and the blades' end sections folded, the machine fits through a 40-in. opening. When fully extended to over 50 in., the undercarriage provides maximum stability for operation. What's more, the standard mechanical quick coupler/hydraulic attachment package makes for endless job site possibilities.

Komatsu Tight Tail Swing Excavator

Komatsu's PC58UU tight tail swing excavator gives operators many new features to increase jobsite productivity.



The PC58UU features the offset knuckle-boom that enables operators to dig exactly where the tracks can travel. This feature allows trenching or digging alongside barriers or obstacles found in urban work sites or wherever workspace is at a premium. Another advanced feature of the PC58UU is the Proportional Pressure Control (PPC) joystick. A PPC valve built into the joystick circuit enables an operator to actually feel the movement of the machine. Pressure proportional controls allow any operator to work with precision and smooth control using all the functions at the same time.

Kubota's B-Series TLBs

Kubota Tractor Corp.'s new B-series Tractor Loader Backhoe (TLB) compact tractor offers added horsepower, loader-lifting capacity, backhoe digging power and depth to make it a star workhorse for light construction, agricultural work or around the home. Whether the job calls for a tractor with three-point implements, backhoe or loader applications, the B26 can take on all three applications. Under the hood, the 26-hp Kubota diesel engine increases power by 23 percent, while offering a combination of high torque rise, low noise and vibration, and cleaner emissions. Additionally, the B26 features a reinforced, integrated main frame for an uncompromising ability to take on repetitive loader backhoe work.



New Holland's C175 Track Loader

Meeting the needs of landscape, construction, utility and grounds maintenance contractors who require the features of a smaller size compact track loader, New Holland has introduced the C175, with a 2,200-lb rated operating capacity and an operating weight of 7,535 lbs.



Having an overall width of 71.1-in., a length of 10 ft, 8 in. and a ground pressure of 5.3 psi, the C175 can get into hard-to-reach areas with little disturbance to the working environment and will fit on most standard trailers. The C175 has a New Holland turbocharged engine rated at 60 gross hp and features a standard two-speed transmission for travel speeds up to 7.4 mph.

Takeuchi Compact Excavators



The Takeuchi TB153FR combines the advantages of a zero-tail swing excavator with a patented side-to-side (STS) offset boom system to give the operator the ability to slew 360 degrees within inches of the machine width. This feature offers operators of all experience levels the opportunity to work with confidence next to walls, close to traffic, and in other limited access areas. The innovative STS boom design coupled with a low machine center of gravity provide the digging speed, stability, power and visibility found in Takeuchi's conventional excavators, as well as the TB153FR's efficient variable displacement piston pumps that automatically adjusts digging power and speed to match operating conditions.

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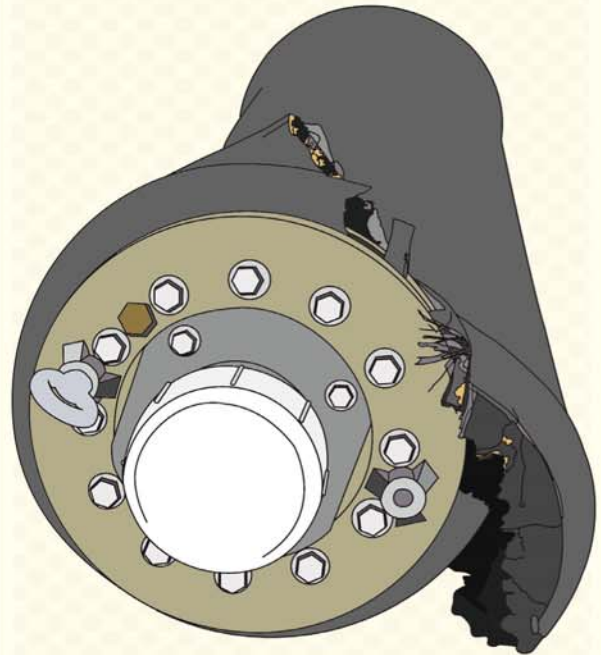
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Terex TC50 Compact Excavator



Terex introduces the TC50 compact crawler excavator, the newest addition to the company's zero-tail swing lineup. The TC50 excels in constricted work environments and is designed to turn within its tracks, guaranteeing that the rear of the machine does not swing into nearby structures or landscaping or out into oncoming traffic during operation. In addition, the offset boom allows for working in close proximity next to buildings and foundations. With a 39.4-hp Yanmar 4TNV88 engine and load-sensing and load-independent flow division hydraulics system, the TC50 weighs only 11,067 lbs and offers a maximum dig depth of 12 ft, 1 in., maximum reach of 20 ft, 4 in. and incorporates a new dozer control lever directly next to the joystick.

Vermeer CX Series Excavators

The Vermeer CX Series of compact excavators features seven models ranging in operating weight from 3,527 to



11,224 lbs. All the CX models are powered by Kubota diesel engines, which meet all current emissions requirements, and are controlled with pilot-operated joysticks. Additionally, they feature two travel speeds, an angled backfill blade and auxiliary hydraulics for powering the most demanding hydraulic attachments. The CX219Z is a zero tail swing machine and both the CX219Z and the CX218 offer expandable undercarriages that can retract to 3 ft, 3 in. The 18-hp CX216 is only 3 ft, 3 in. wide and offers a dig depth of 7 ft and a reach of 12 ft, 2 in.

Volvo B-Series Skid Steer Loaders

Volvo B-Series skid steer loaders includes five models with operating capacities ranging from 1,350 lbs to 2,250 lbs and engine power from 45 to 81 net hp. These loaders offer the operator a choice (depending on preference or application) of popular foot and hand mechanical controls or the comfort and efficiency of hand-operated hydraulic pilot controls. A



seat bar provides an ergonomic armrest and control lever positions fall naturally to hand, creating improved efficiency and reducing fatigue. A rear counterweight helps protect the rear door and improve weight distribution for smoother operation onsite. Hydraulic and driveline systems provide optimum performance and increased travel speeds.

Yanmar's -5 Series Excavators

In addition to the new color scheme, Yanmar's new ViO27-5 and ViO35-5 -5 Series compact excavators include a number of features and improvements that will increase the productivity and salability of the extremely popular -3 series. The new universal boom design is similar to the design of the ViO45-5 and the ViO55-5. The side plates on the -5 models are 1.5 times thicker than the side plates on the -3 models, and the curve of the -5 boom is more gradual to spread the stress load over a wider area. The ViO35-5 offers 28 hp, while the ViO21 offers 21 hp of the ViO27.



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