

CONSTRUCTION EQUIPMENT[®]

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60TH
ANNIVERSARY



Top
100
Products
of 2009

Top 100 New Products of 2009

Our Top 100 Products Award Program was conceived to call special attention to the most significant products introduced each year. We receive hundreds of product releases annually, but we have to choose each month which products have greater interest to the majority of our readers.

In evaluating products for the Top 100 Awards, *Construction Equipment* editors look for advances in technology, new product lines, significant improvements to existing products, or a product that increases competition in its field. Also, the highlighted products had to be featured in the magazine between November 2008 and October 2009.

► Caterpillar 613G Scraper

Cat completely redesigned the tractor for its 613G elevating scraper. Powered by a Cat C6.6 engine, the unit boasts increases in power-train efficiency, rimpull, elevator speed and travel speed; it can also load material as much as 13 percent faster. Cab is 30 percent larger and offers operators a swivel seat for an improved view of cutting edge and bowl. Accu-Grade is also available. Price range: \$330,000 to \$360,000.



INDUSTRY'S CHOICE



Caterpillar K-Family Track-type Tractors

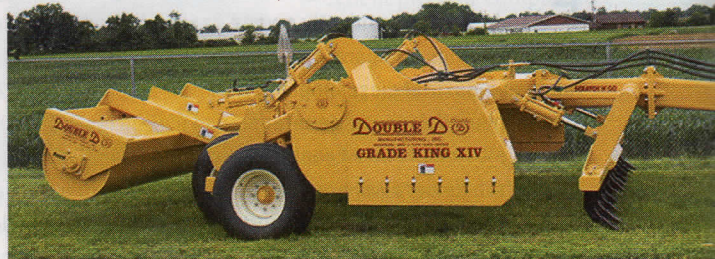
Replacing Caterpillar's G Series, K-Family hydrostatic-drive track-type tractors

are powered by Tier 3 Cat C4.4 ACERT engines, rated from 74 to 96 horsepower. The new models feature a larger, quieter cab and seat-mounted, electro-hydraulic controls. Machines can be shipped with SystemOne undercarriage (D3K and D4K) and integrated Accu-Grade system. Price range: \$95,000 to \$163,000.

For a complete list of Top 100 Products, visit ConstructionEquipment.com/Top100.

▼ Double D Grade King Leveling Scraper

Designed for heavy-duty earthmoving jobs, Double D Grade King Leveling Scrapers are rated for high-output tractors up to 535 horsepower. The scrapers can utilize several attachments and can tow implements behind them such as compaction rollers, weighing up to 25,000 pounds. Grade King can eliminate the need for other equipment on the job, and it comes in 12-, 14- and 16-foot widths. Price: \$30,000 to \$55,000.



Light Equipment



▶ Allu D-Series Screening Bucket

Allu D-Series includes 12 different screening bucket attachments ranging in weight from 3,600 to 7,300 pounds that can produce either 1/2- or 1-inch end product. Attachments can be mounted on 16- to 40-metric-ton excavators or 6- to 25-metric-ton wheel loaders. Price range: \$39,600 to \$87,800.



▶ Atlas Copco HB 3600 Breaker

Suitable for hydraulic carriers in the 35- to 63-metric-ton weight class, breaker fills a gap among classes previously available. Atlas Copco's HB 3600 accepts maximum hydraulic flow of 79 gpm at 2,610 pounds per square inch and delivers an impact rate of up to 560 blows per minute. Price: \$110,000.

▼ Parker Hannifin TireSaver System

Independently adjustable shanks offering three positions each allow dozer operators to, as needed, shorten or lengthen the shanks on the ripper.

The three-inch-thick steel shanks can be angled past the vertical in either direction, providing for the optimum ripping angle. Price: \$15,000 CAN.



▶ Lincoln Electric Power Wave C300

Portable Power Wave C300 has multiprocess power source and Power Connect Technology for automatically switching between 200 to 600 volts and 50 to 60 hertz. It uses the Tri-hybrid Power Module, which delivers an efficiency rating of 88 percent at 250 amps with a 0.97 power factor.



▶ Morbark Model 30 NCL Disc Chipper

By eliminating the cab, loader and feed bed from the Model 30 RXL, Morbark designed a lighter, easy-to-transport wood chipper that retains power and productivity. With larger feed and throat openings, as well as power choices up to 1,000 horsepower, the compact NCL model still utilizes the established 83-inch disc with three or four knives.



INDUSTRY'S CHOICE



Bobcat Toolcat 5610

Toolcat 5610 utility work vehicle features a three-point hitch and hydraulic

power take-off for rear implements, and can operate more than 40 front-mounted Bobtach attachments. A hydraulically driven motor and high-flow auxiliary hydraulics combine to power the available 540-rpm PTO. Price: \$50,965.

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▼ E2 Systems Portable Conveyor

E2 Systems conveyor attaches to 2.5-cubic-yard wheel loaders, and the maker claims the 60-inch conveyor has outperformed standard material-transfer placer systems by two to one at about one-fourth of the cost. Unit is operated from inside the cab of the machine using the hydraulic controls and the power of the wheel loader. Price: \$128,500.

