

AGGREGATES MANAGER

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September 2005

RollOuts

Your complete guide to new and updated equipment and supplies in the aggregates industry

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Full-Rotation Drill



Terex Reedrill's new R20T hydraulic track drill features the capabilities of the company's SD250 but with 360-degree rotation on its excavator undercarriage. Full rotation gives the unit 436 square feet of pattern coverage for optimum approach angles, as well as safer drilling on steep inclines. Other features include 17 inches of ground clearance, a 250 cfm compressor, and a fuel consumption rate of less than 6 gallons per hour.

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High-production screen

Powerscreen says its new Horizon 6203 dry screening plant is designed for large-volume processing of crushed stone, sand and gravel, and recycled concrete and asphalt. It has a capacity of 800 tons per hour and features a 20- by 6-foot triple-deck with a triple-shaft, oval-stroke screen that is adjustable forward and elliptically. The company says the screen motion variances allow operators to adapt the plant to specific applications, providing high resistance to pegging and blinding, and with high-energy characteristics to loosen fines.



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New idlers

Superior Industries says its new 90 Series CEMA D idler line bring greater reliability and reduced maintenance costs to the market. The series is available for 24- to 72-inch belt widths. Features include heavy gauge steel rollers, centers, and end stands; a 1-inch shaft with 3/4-inch hex nuts for minimum deflection; and 25-mm, precision-sealed ball bearings for extended life and no maintenance.

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Speedy belt repairs

Devcon says its newly formulated Flexane Fast Cure Rubber Repair Putty has improved tear resistance and makes the repair of conveyor belts and other equipment quick and economical. The urethane compound can also be used to coat metal splices, fill expansion joints in concrete or metal, and form protective linings in machinery subject to abrasion, impact, or vibration.

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Extreme duty aluminum trailers

Ontario, Canada-based Titan Trailers has introduced a V-Plow cleaning system for its live-bottom, aluminum wall trailers. The self-cleaning system expands the hauling and back-hauling options open to the owner, according to Titan. The company introduced its extreme duty, live-bottom trailers last year, combining its aluminum Thinwall trailer walls with a Keith Walking Floor solid-steel V-Floor. The live floor gives haulers more backhaul choices, according to Titan, while the aluminum walls provide more payload. The trailer is recommended for hauling aggregates, ore, demolition materials, and even scrap metal and crushed cars.

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Training facility opens

[Daewoo Heavy Industries](#) has opened a state-of-the-art training facility for service and support personnel at its U.S. headquarters in Suwanee, Georgia. The 10,000-square-foot facility can accommodate up to 30 students at a time, using

human instructors and software to show attendees how to troubleshoot Daewoo loaders and excavators using diagnostic interfaces as well as wireless internet access. Repair training includes access to partially disassembled machines, and cutaways of 25 major components.

Daewoo Heavy Industries was recently acquired by Doosan Infracore, a Korean conglomerate that intends to continue manufacturing and marketing excavators and wheel loaders globally under the Daewoo brand name.

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Trucking software upgrade

Intelligent Trucking Solutions says its new Version 1.5 software includes many new features, including payment reminders, tabbed windows, improved remote backup, and new reports. The tabbed windows allow users to do more multi-tasking. The new reminder option allows a company to see which customers are late with their payments by automatically displaying past-due invoices.

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Noise monitoring system

Quest Technologies' new NoisePro Series works with the company's QuestSuite Professional application software to not only document noise levels in the workplace but to also alert staff when noise levels reach levels that threaten hearing loss. NoisePro provides real-time compliance indicators and optional vibrating alarms to promote effective self-management of noise exposures and use of hearing protection devices.

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Two soft starters

[Siemens](#) has introduced two new soft starters for conveyor belt and hydraulic pump applications — the very compact Sirius 3RW40 and the high-demand Sirius 3RW44. The compact 3RW40 is half the size of a comparable wye-delta starter, according to Siemens, and employs a new control technique to direct two-phases in the power range up to 300 horsepower/460 volts.

The Sirius 3RW44 is designed to start drives up to a power rating of 950 horsepower/480 volts. Siemens says it features an innovative closed-loop torque control to avoid torque surges and current spikes with starting and stopping motors.

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Flexible repairs

Devcon has introduced a new high-density, epoxy putty for repairing and protecting equipment subject to extreme impact, flexing, or abrasion. Wear Guard High Impact is designed for compressive strength and wear resistance for use with slurry pumps, scrubbers, screens, screw conveyors, chutes, hoppers, and other equipment. Its adhesive qualities are said to eliminate the need for "expanded metal."

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New Dressta owners



HSW Trading has purchased Komatsu America's interest in Dressta and its subsidiaries and will continue to manufacture and market the company's full line of crawler dozers, wheel loaders, and crawler loaders. HSW Trading is based in Poland, where Dressta machinery is manufactured. The company's newest product in North America is the 320-horsepower TD-25M crawler dozer (shown), which features a Tier 2 engine and joystick controls.

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Super dump

Crysteel says the air-suspension trailing axle on its Profit Maximizer Super Dump helps it achieve great capacity and excellent stability and does not interfere with dumping operations. Also featured is Crysteel's patented Hydraulic Tailgate, which is said to extend a normal tailgate by 15 inches, allowing up to 6 feet of clearance when dumping.



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