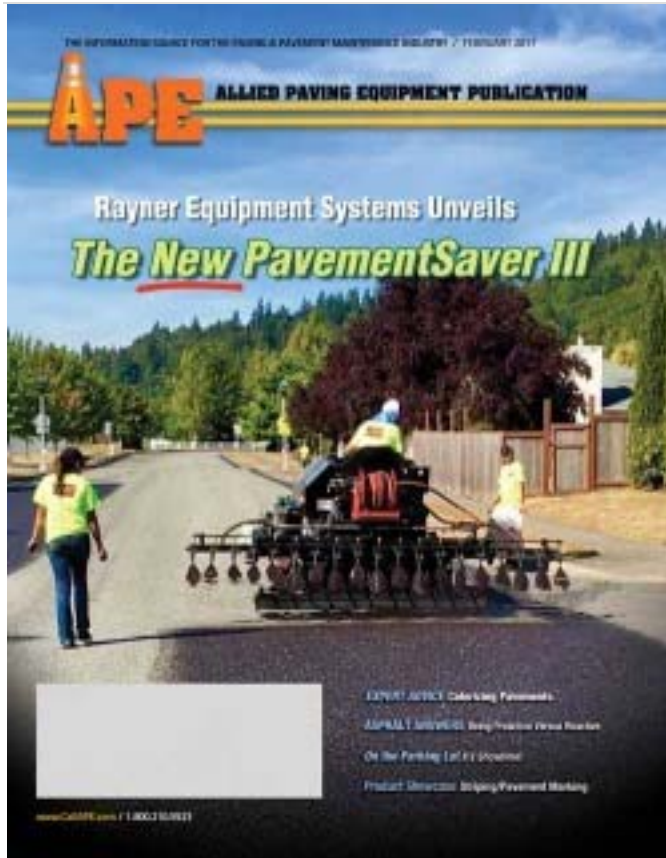


February 2017, Cover Stories, Cover Story

Rayner Equipment Systems Unveils the New PavementSaver III

Wed, Jan 18, 2017

The design team at Rayner Equipment Systems continues its commitment to excellence and innovation by putting advanced engineering at your fingertips!



The design team at Rayner Equipment Systems continues its commitment to excellence and innovation by putting advanced engineering at your fingertips! The team that has been responsible for introducing groundbreaking safety and performance features to the sealcoat industry in the past now announces that the PavementSaver series of all-wheel drive sealcoat machines will soon have a new model: The PavementSaver III with ARC.

This prototype machine, currently going through Rayner's testing process, is expected to be available for

production mid-2017. Customers will find that it shares the same design goals they've come to expect from the PavementSaver family of machines. These include exceptional performance and ease of operation; engineered in safety features; and investment grade reliability and longevity. The new features of the PavementSaver III include a Control Area Network and an Autonomous Rate Control System.

Control Area Network (CAN) components make up the majority of the PavementSaver III's control system, which benefits everyone – the owner, operator and mechanic.

Features of the network include reduced wiring, IP67 environmentally-sealed components for greater durability and fast/easy system analysis. The control system constantly checks every switch, every coil, every indicator light for connectivity and functionality and alerts the operator as soon as any issues are detected.

Rayner shows that it has taken the “work smarter, not harder” philosophy to heart with another industry first: the Autonomous Rate Control (ARC) system. ARC is a computer-controlled and pressure-managed spray system that applies sealcoating at any desired application rate an operator selects. ARC offers single-step calibration, precise application rates and a speed management system. ARC eliminates the guesswork on application rates. The operator only needs to answer a few basic set up questions and enter the desired application rate; the ARC system takes over from there and readies the machine for application. There's no timing, no weighing and no math. ARC adjusts material flow according to the desired application rate, speed and the number of nozzles being used (spray width) to apply a uniform coating. In addition, when spraying material, ARC changes the joystick output to give greater finite control to the operator. The result is a highly accurate machine that applies the volume of material you have designed for the project.

When the spray is set in “on” mode, the ARC system will limit speeds that could outpace a heavy application. In the spray “off” mode, ARC returns to the full speed range (up to 9 mph) for quick turnaround for high-production projects.

ARC constantly monitors all systems for possible deviations. If there is a potential issue, the ARC system knows before the operator. Warning lights and error codes point to the source of the problem, and in many cases, with plenty of notice to prevent down time.

“At Rayner Equipment Systems, we know what is important to our customers: performance, reliability and safety,” says Randy Tattershall, sales manager at Rayner Equipment Systems. “And that’s what we continue to focus on.”

Customer Matt Leaf of ACI Asphalt, agrees: “The PavementSaver does exactly as the name describes. It’s helped us save customers' pavement faster and more efficiently allowing us to help more customers per season. It's a great product.”

High production capabilities and ease of operation means reduced time and labor per project, better profits and more opportunities to compete for projects. Money is made when the machine is working; down time is expensive in both lost time and productivity. The PavementSaver uses the highest-quality steel and components available to provide not just reliability, but longevity and high returns on investment.

Ergonomic controls, all-wheel drive, fail safe brakes, oversized hydrostatic breaking capacity, seatbelt safety switch, neutral safety, low center of gravity and structural integrity all help reduce chances of accidents, which is perhaps the biggest expense of all.

The Rayner team is constantly searching for creative solutions to improve production capabilities of every machine. “The best resources we have are the people who own and operate our equipment. All the positive feedback we’ve received from customers are a result of following our motto: ‘Designed by operators for operators’,” says Tattershall.

For more information about the PavementSaver III, call 1-800-479-9390;

RoadSaver.com.

<http://callape.com/issue/february-2017/article/rayner-equipment-systems-unveils-the-new-pavementsaver-iii>